

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031154.D
 Acq On : 07 Sep 2022 12:38
 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 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 22:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 22:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	27876	20.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.580%#		
35) Dibromofluoromethane	5.391	113	21546	20.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.900%#		
50) Toluene-d8	8.653	98	78076	20.896	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.800%#		
62) 4-Bromofluorobenzene	11.079	95	28146	20.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.120%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20656	22.147	ug/l	96
3) Chloromethane	1.288	50	14415	20.113	ug/l	94
4) Vinyl Chloride	1.373	62	17769	21.002	ug/l	91
5) Bromomethane	1.611	94	10777	19.937	ug/l	92
6) Chloroethane	1.684	64	9946	20.956	ug/l	97
7) Trichlorofluoromethane	1.886	101	38565	20.919	ug/l	90
8) Diethyl Ether	2.136	74	10683	20.402	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	21055	20.196	ug/l	96
10) Methyl Iodide	2.453	142	27001	20.945	ug/l #	90
11) Tert butyl alcohol	3.007	59	28719	96.022	ug/l #	87
12) 1,1-Dichloroethene	2.318	96	20243	20.659	ug/l	94
13) Acrolein	2.239	56	19123	100.209	ug/l	96
14) Allyl chloride	2.666	41	26676	20.265	ug/l #	80
15) Acrylonitrile	3.068	53	54083	103.368	ug/l	98
16) Acetone	2.392	43	47064	98.923	ug/l	94
17) Carbon Disulfide	2.514	76	49481	20.539	ug/l #	94
18) Methyl Acetate	2.709	43	25467	20.677	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	74051	21.277	ug/l #	87
20) Methylene Chloride	2.788	84	22961	20.534	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	21828	20.105	ug/l	98
22) Diisopropyl ether	3.763	45	58535	21.177	ug/l #	93
23) Vinyl Acetate	3.727	43	243793	105.078	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	38651	21.081	ug/l	94
25) 2-Butanone	4.568	43	70364	99.847	ug/l	90
26) 2,2-Dichloropropane	4.477	77	33781	20.590	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	25227	20.238	ug/l	98
28) Bromochloromethane	4.903	49	13846	20.827	ug/l #	80
29) Tetrahydrofuran	5.013	42	42143	101.290	ug/l #	76
30) Chloroform	5.098	83	43449	21.814	ug/l	98
31) Cyclohexane	5.470	56	31118	20.266	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	40212	20.572	ug/l	97
36) 1,1-Dichloropropene	5.696	75	31534	20.475	ug/l	96
37) Ethyl Acetate	4.720	43	29241	21.402	ug/l	98
38) Carbon Tetrachloride	5.678	117	34985	23.009	ug/l	98
39) Methylcyclohexane	7.385	83	37694	21.430	ug/l	94
40) Benzene	6.043	78	86837	20.756	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	14444	21.515	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	35773	20.884	ug/l	97
43) Isopropyl Acetate	6.342	43	46699	21.679	ug/l #	96
44) Trichloroethene	7.129	130	24839	21.121	ug/l	97
45) 1,2-Dichloropropane	7.433	63	21022	20.446	ug/l	93
46) Dibromomethane	7.586	93	17154	21.040	ug/l	94
47) Bromodichloromethane	7.824	83	34477	21.739	ug/l #	99
48) Methyl methacrylate	7.696	41	21199	20.209	ug/l #	80
49) 1,4-Dioxane	7.708	88	11981	413.740	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	136863	103.756	ug/l	89
52) Toluene	8.720	92	57695	20.908	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	35391	21.421	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	38378	21.636	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24014	21.167	ug/l	99
56) Ethyl methacrylate	9.116	69	36166	21.637	ug/l	92
57) 1,3-Dichloropropane	9.311	76	40297	20.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83575	106.092	ug/l	94
59) 2-Hexanone	9.433	43	105362	105.624	ug/l	91
60) Dibromochloromethane	9.524	129	25249	21.587	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25553	20.268	ug/l	99
64) Tetrachloroethene	9.274	164	21702	20.991	ug/l	97
65) Chlorobenzene	10.079	112	60508	20.693	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22308	19.532	ug/l	97
67) Ethyl Benzene	10.195	91	111222	20.989	ug/l	98
68) m/p-Xylenes	10.305	106	81379	41.429	ug/l	86
69) o-Xylene	10.640	106	39981	20.394	ug/l	86
70) Styrene	10.658	104	66889	21.277	ug/l	94
71) Bromoform	10.799	173	15921	20.922	ug/l #	97
73) Isopropylbenzene	10.963	105	108602	20.398	ug/l	98
74) N-amyl acetate	10.841	43	34579	20.400	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	33403	20.097	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	33340m	17.484	ug/l	
77) Bromobenzene	11.201	156	23285	20.122	ug/l	93
78) n-propylbenzene	11.305	91	126268	20.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	78244	20.809	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	91875	20.526	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10149	19.559	ug/l	88
82) 4-Chlorotoluene	11.457	91	88293	20.296	ug/l	95
83) tert-Butylbenzene	11.713	119	88280	20.007	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	93310	21.443	ug/l	93
85) sec-Butylbenzene	11.890	105	113689	20.804	ug/l	98
86) p-Isopropyltoluene	12.012	119	91668	20.763	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	44767	20.816	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44412	20.488	ug/l	96
89) n-Butylbenzene	12.335	91	80526	21.155	ug/l	99
90) Hexachloroethane	12.542	117	15495	20.427	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42907	20.344	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8478	18.573	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	26540	21.519	ug/l	97
94) Hexachlorobutadiene	13.725	225	10535	20.115	ug/l	99
95) Naphthalene	13.774	128	100376	20.776	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26124	20.805	ug/l	97

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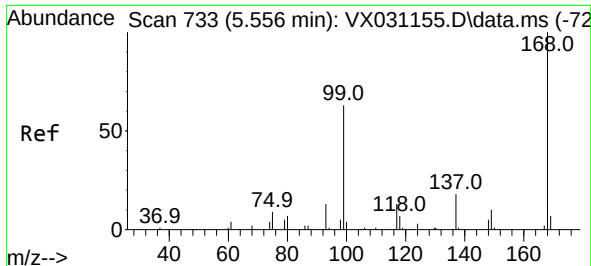
Manual Integrations
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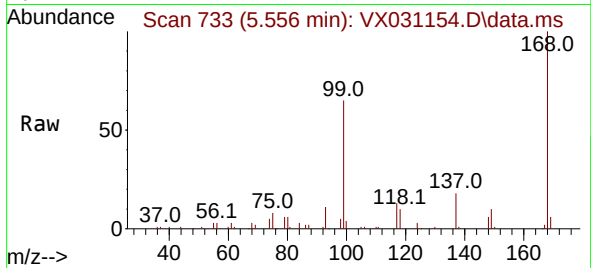
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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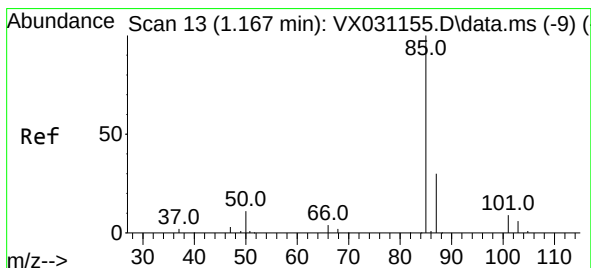
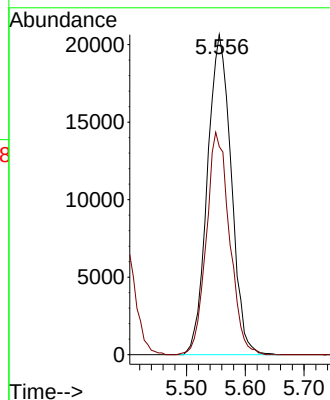
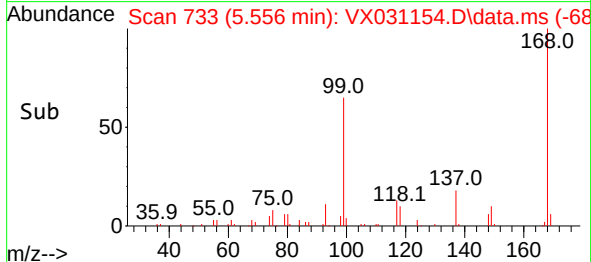
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 5803
Ion Ratio Lower Upper
168 100
99 65.0 44.0 66.0

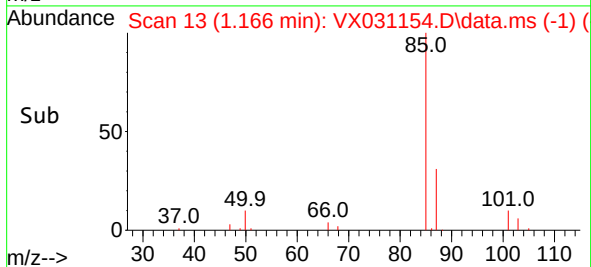
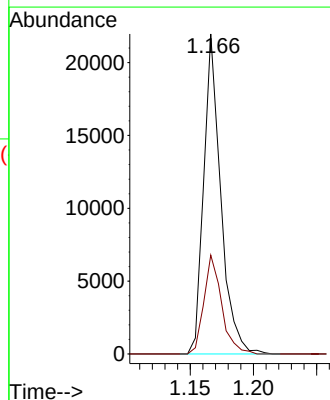
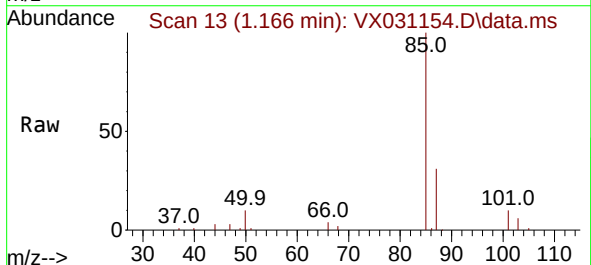
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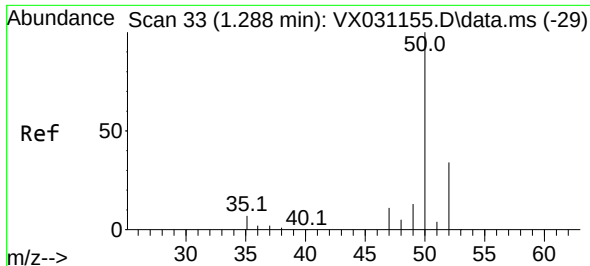
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#2
Dichlorodifluoromethane
Concen: 22.147 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

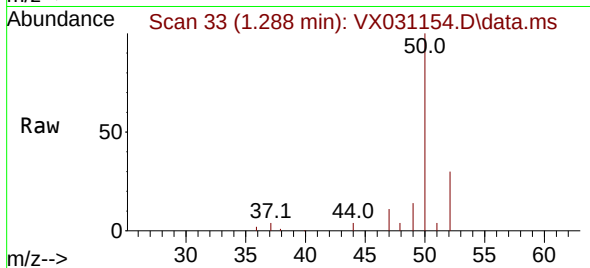
Tgt Ion: 85 Resp: 20656
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





#3
Chloromethane
Concen: 20.113 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

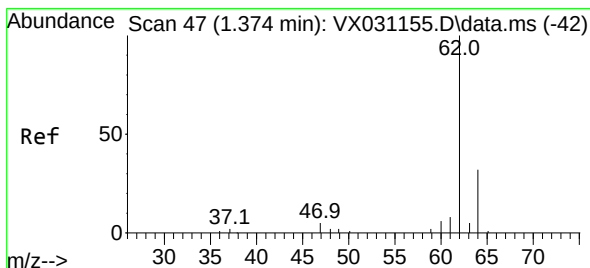
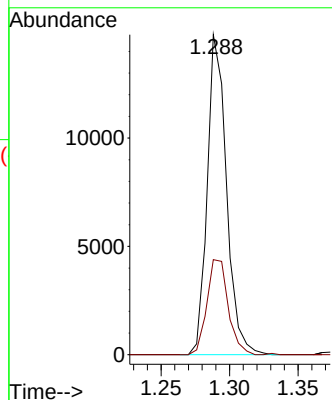
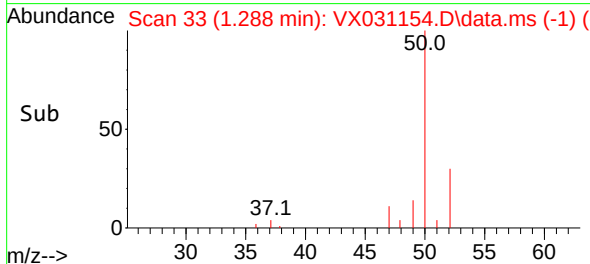
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Tgt Ion: 50 Resp: 1441
Ion Ratio Lower Upper
50 100
52 29.7 26.3 39.5

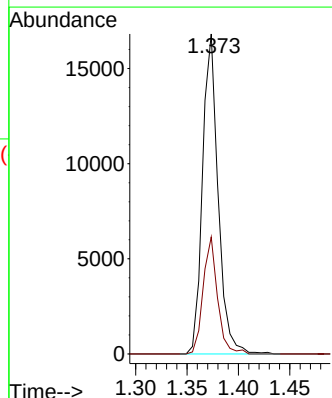
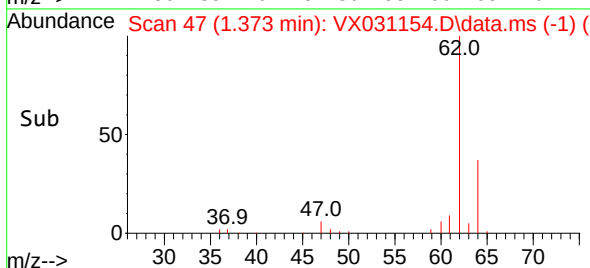
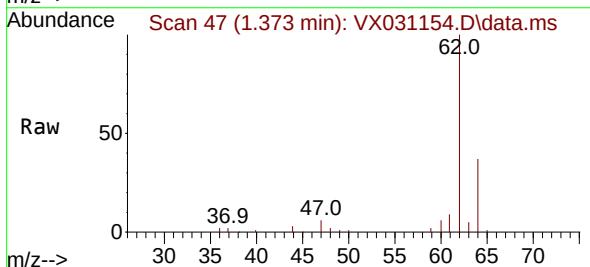
Manual Integrations
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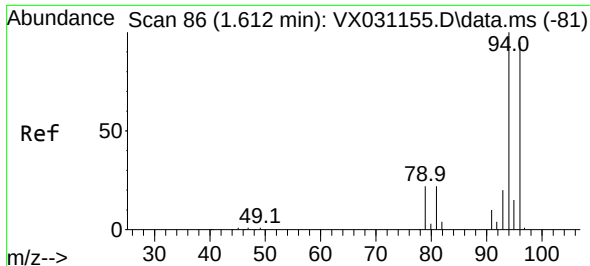
Reviewed By :John Carlone 09/08/2022
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#4
Vinyl Chloride
Concen: 21.002 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion: 62 Resp: 17769
Ion Ratio Lower Upper
62 100
64 36.6 25.2 37.8





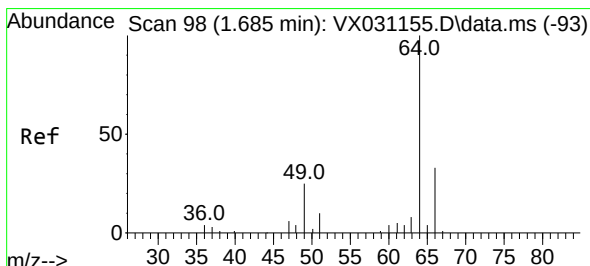
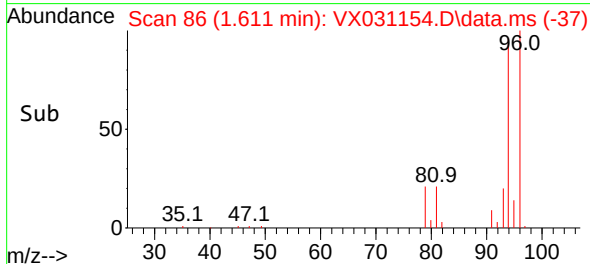
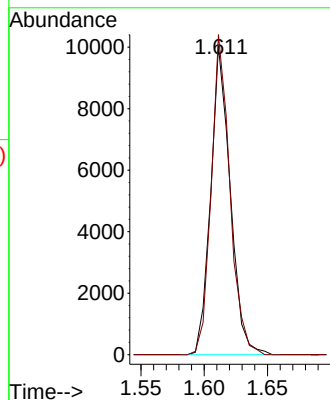
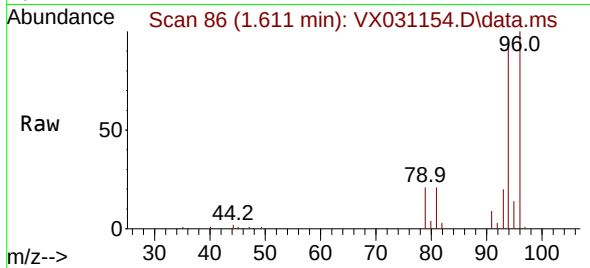
#5
Bromomethane
Concen: 19.937 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031154.D
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Instrument :
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Tgt Ion: 94 Resp: 1077
Ion Ratio Lower Upper
94 100
96 103.7 76.9 115.3

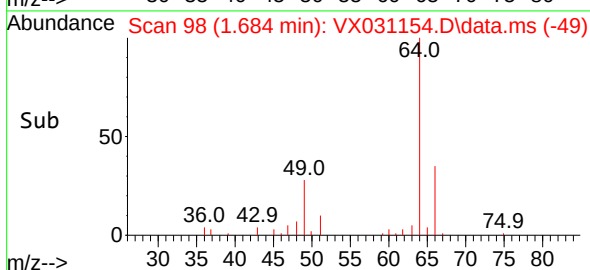
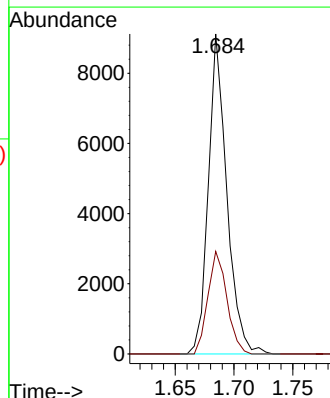
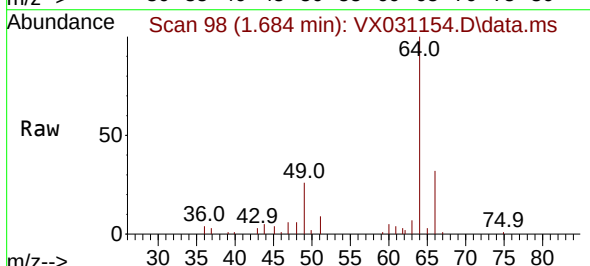
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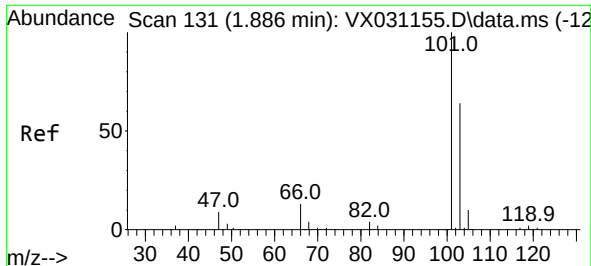
Reviewed By :John Carlone 09/08/2022
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#6
Chloroethane
Concen: 20.956 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031154.D
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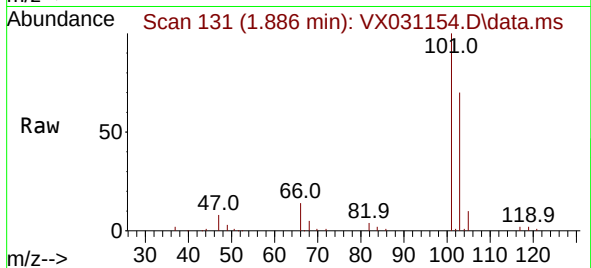
Tgt Ion: 64 Resp: 9946
Ion Ratio Lower Upper
64 100
66 32.0 27.2 40.8





#7
Trichlorofluoromethane
Concen: 20.919 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031154.D
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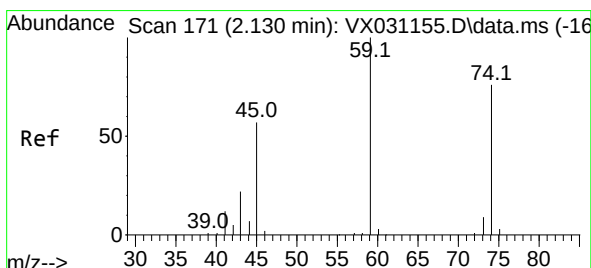
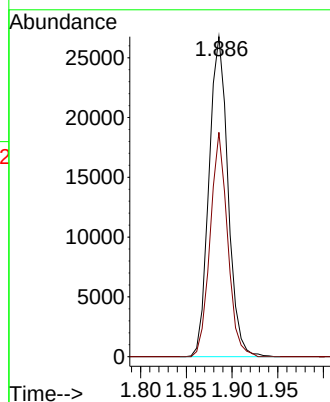
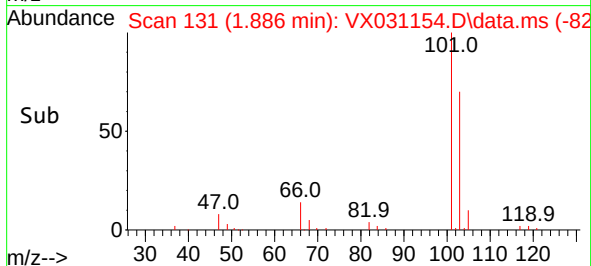
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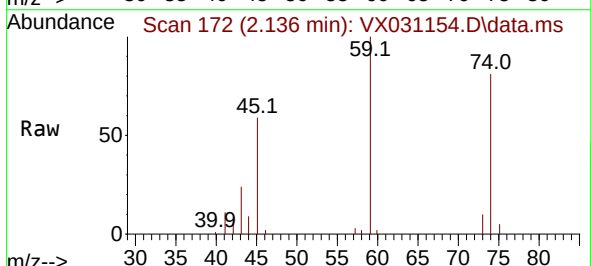
Tgt Ion:101 Resp: 3856
Ion Ratio Lower Upper
101 100
103 70.1 49.7 74.5

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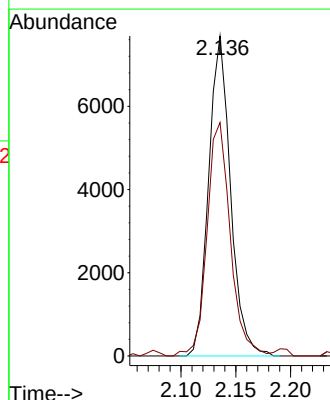
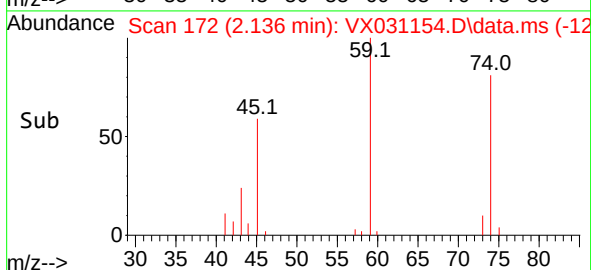
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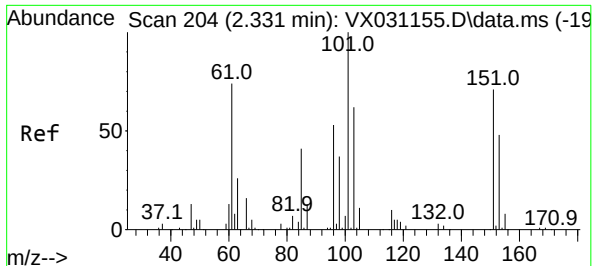


#8
Diethyl Ether
Concen: 20.402 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 10683
Ion Ratio Lower Upper
74 100
45 77.4 51.5 154.7





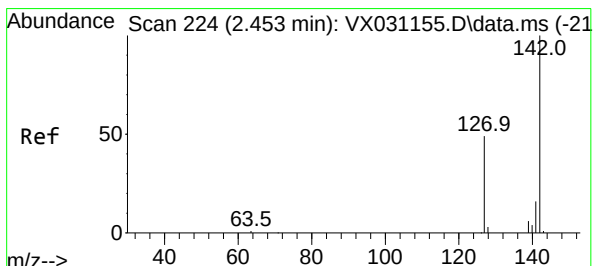
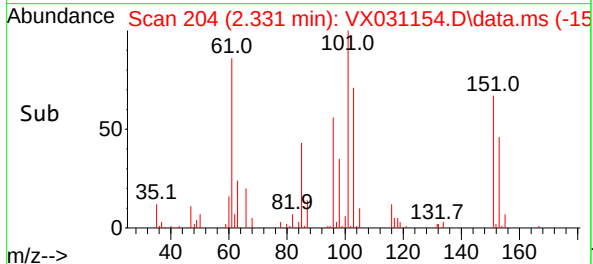
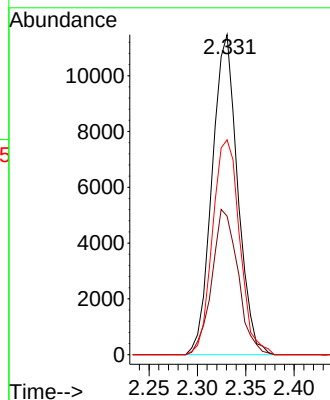
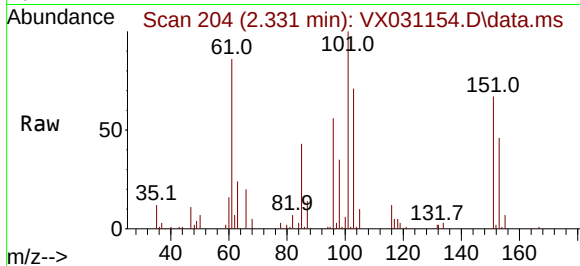
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.196 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031154.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 2105
Ion Ratio Lower Upper
101 100
85 46.3 34.0 51.0
151 71.2 59.4 89.0

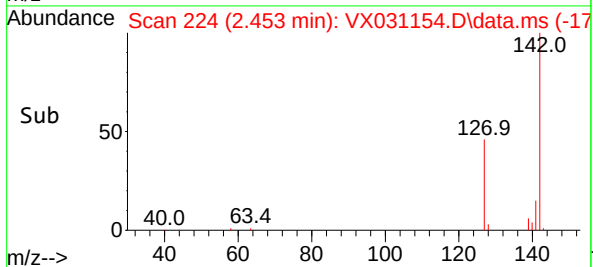
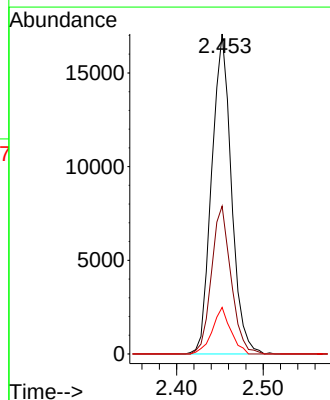
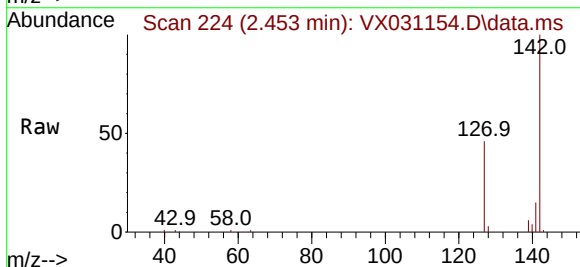
Manual Integrations
APPROVED

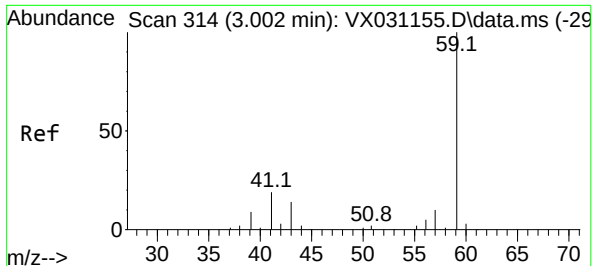
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#10
Methyl Iodide
Concen: 20.945 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion:142 Resp: 27001
Ion Ratio Lower Upper
142 100
127 45.9 30.2 45.2#
141 13.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 96.022 ug/l

RT: 3.007 min Scan# 314

Delta R.T. 0.006 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 28719

Ion Ratio Lower Upper

59 100

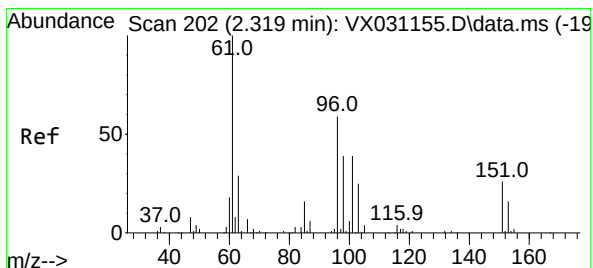
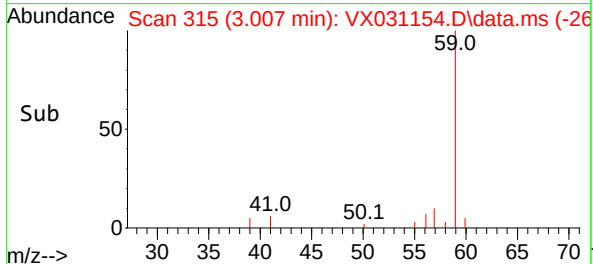
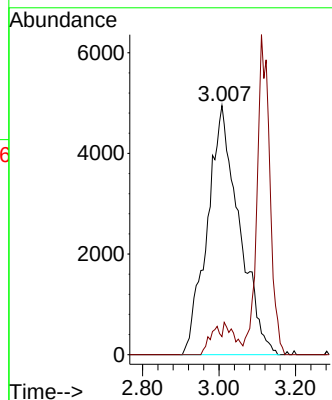
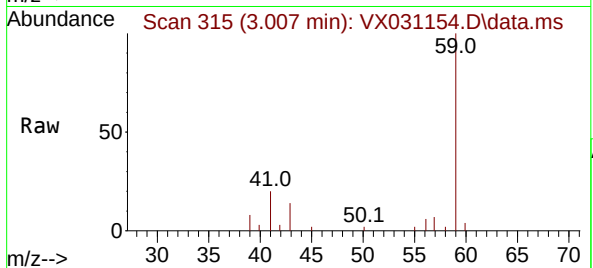
57 4.5 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#12

1,1-Dichloroethene

Concen: 20.659 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

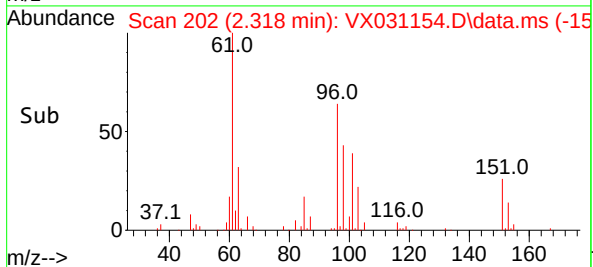
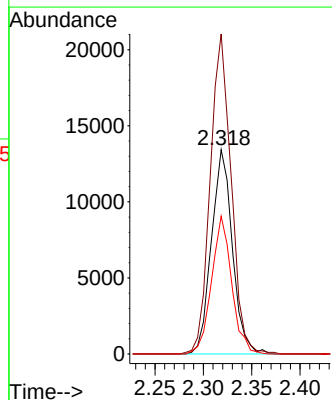
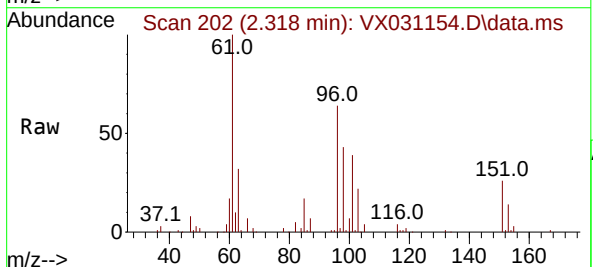
Tgt Ion: 96 Resp: 20243

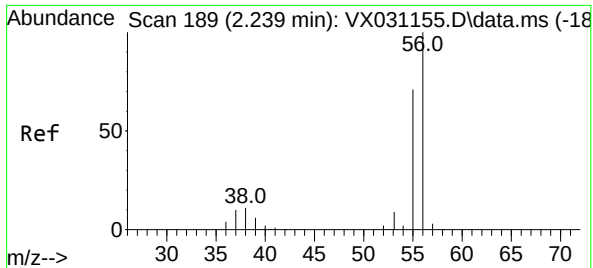
Ion Ratio Lower Upper

96 100

61 156.6 117.4 176.0

98 67.4 52.2 78.4





#13

Acrolein

Concen: 100.209 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1912

Ion Ratio Lower Upper

56 100

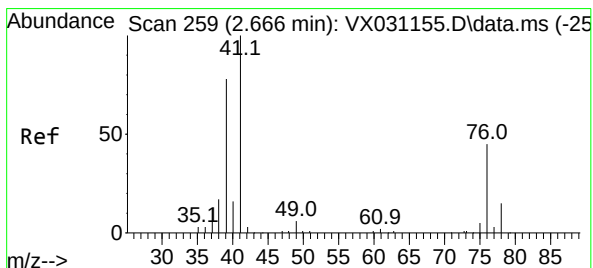
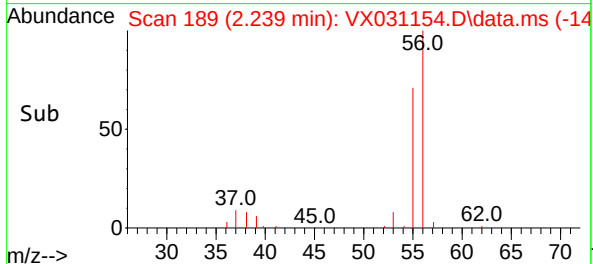
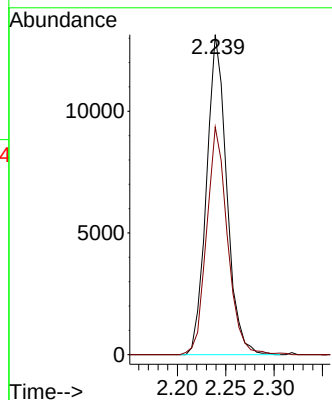
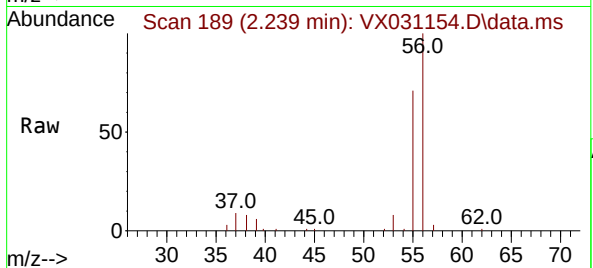
55 73.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#14

Allyl chloride

Concen: 20.265 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

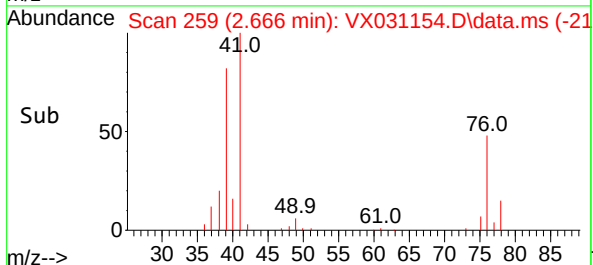
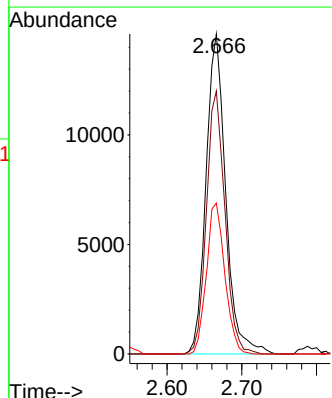
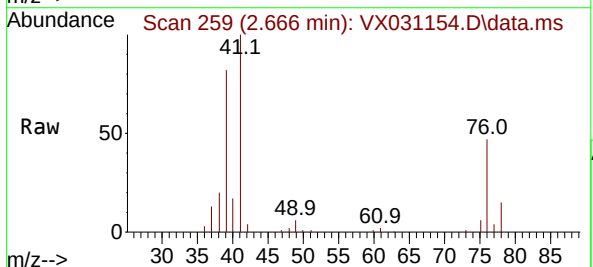
Tgt Ion: 41 Resp: 26676

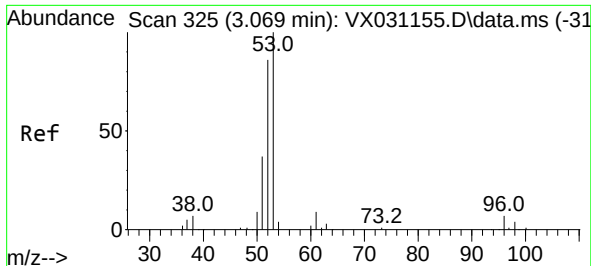
Ion Ratio Lower Upper

41 100

39 77.4 48.9 73.3#

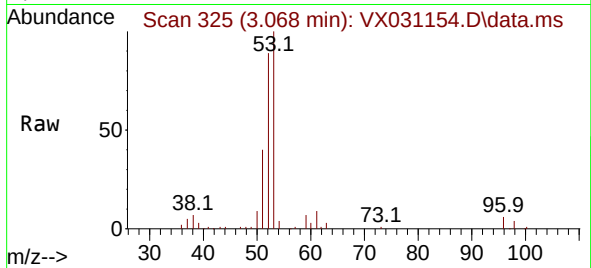
76 44.3 26.9 40.3#





#15
Acrylonitrile
Concen: 103.368 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

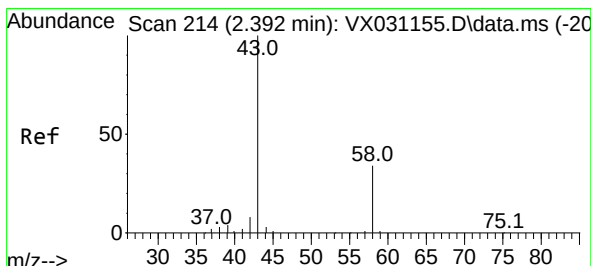
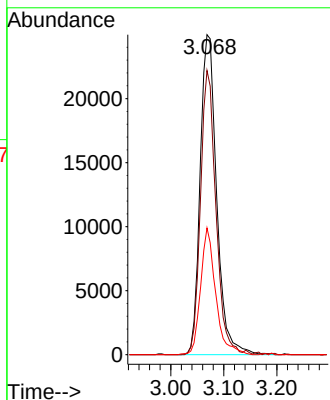
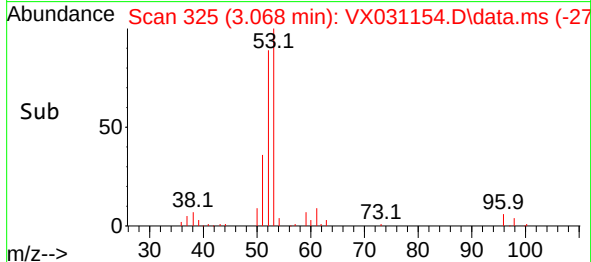
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



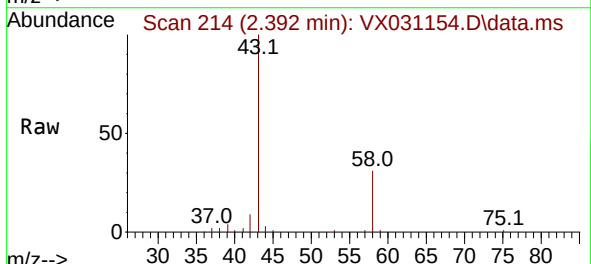
Tgt Ion: 53 Resp: 5408
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 36.2 27.7 41.5

Manual Integrations
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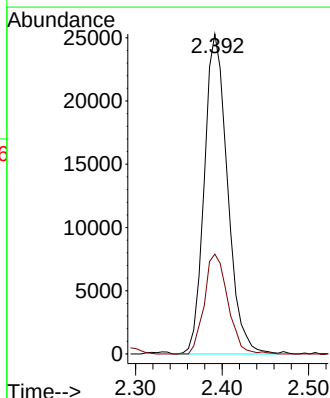
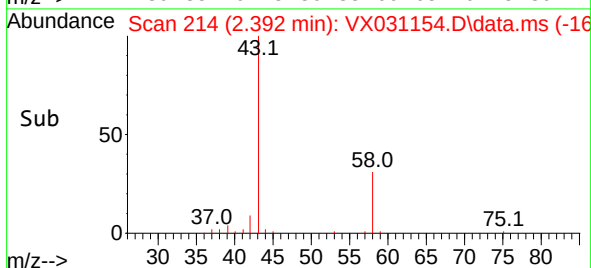
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

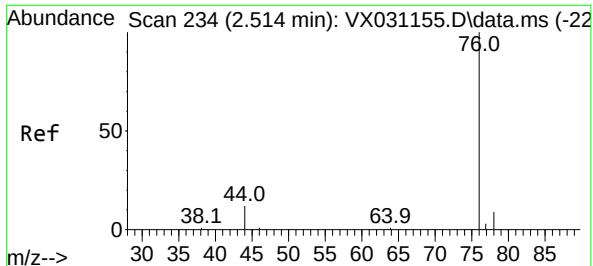


#16
Acetone
Concen: 98.923 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



Tgt Ion: 43 Resp: 47064
Ion Ratio Lower Upper
43 100
58 31.2 27.7 41.5





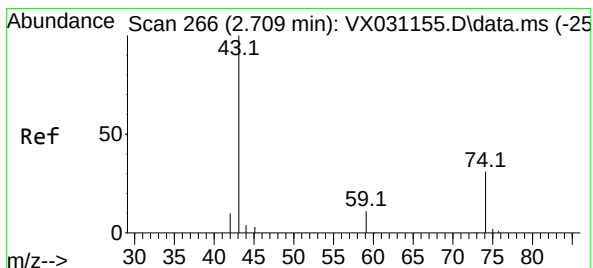
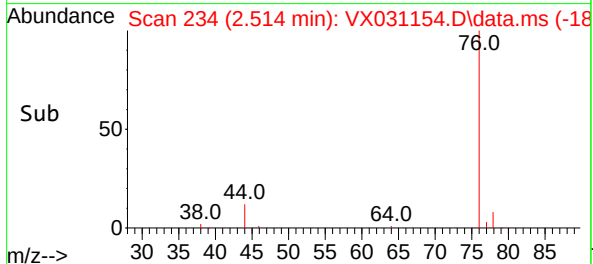
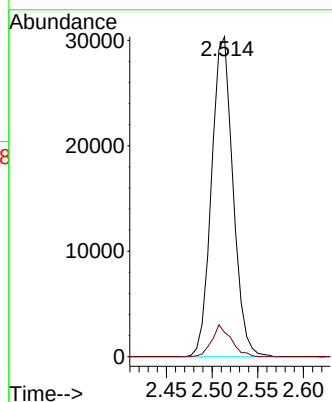
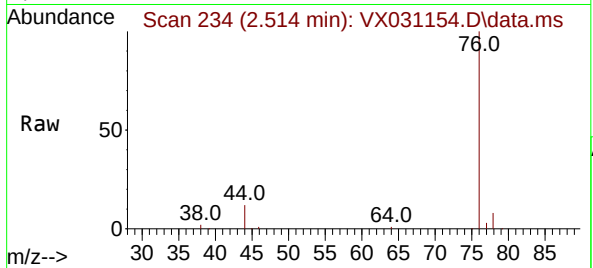
#17
Carbon Disulfide
Concen: 20.539 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 4948
Ion Ratio Lower Upper
76 100
78 7.6 7.8 11.6

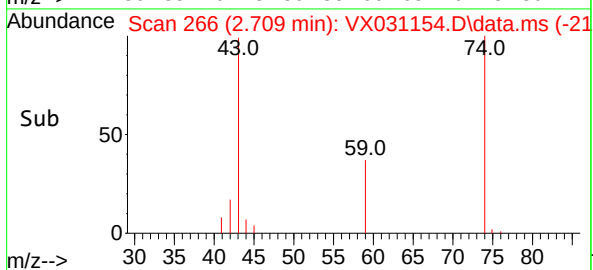
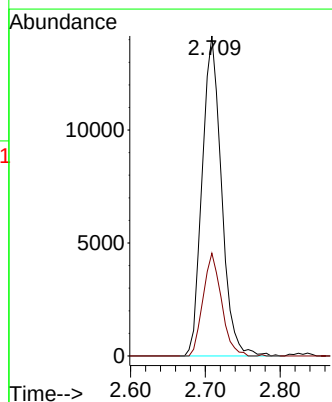
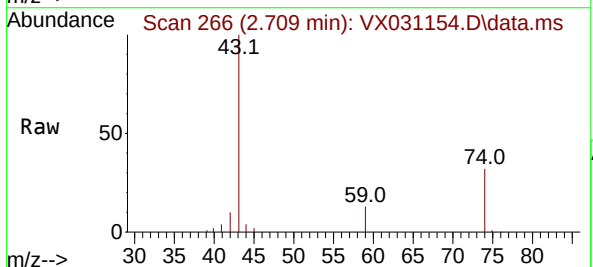
Manual Integrations
APPROVED

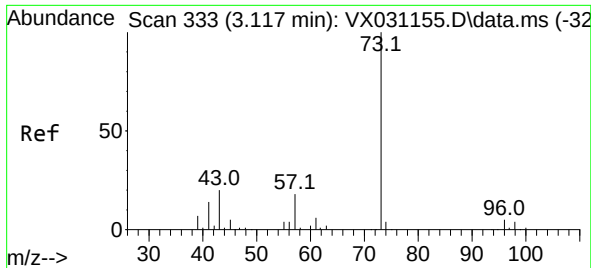
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#18
Methyl Acetate
Concen: 20.677 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion: 43 Resp: 25467
Ion Ratio Lower Upper
43 100
74 30.6 19.4 29.2#





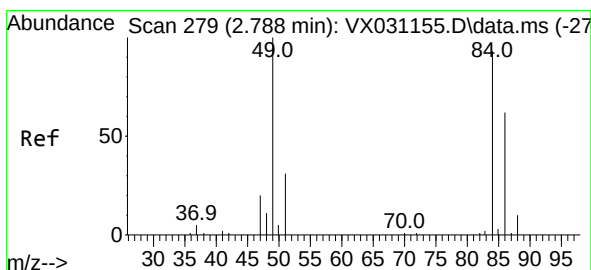
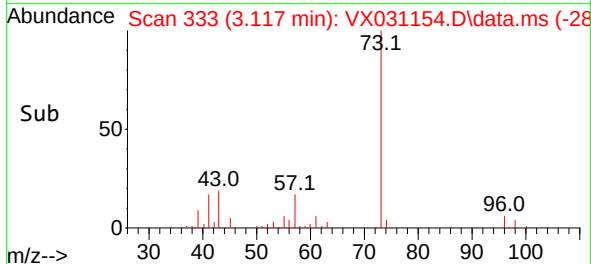
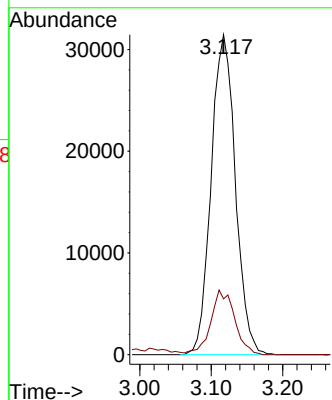
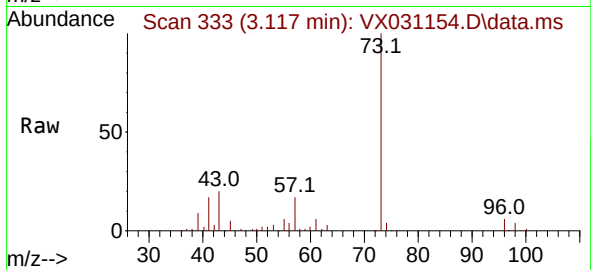
#19
Methyl tert-butyl Ether
Concen: 21.277 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 7405
Ion Ratio Lower Upper
73 100
57 17.4 19.0 28.6

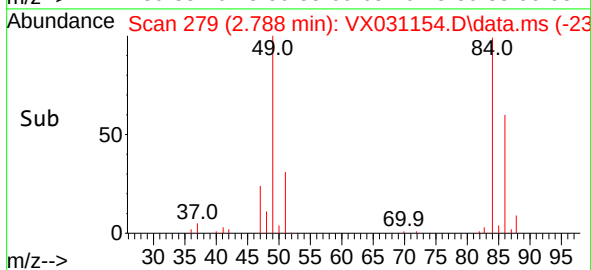
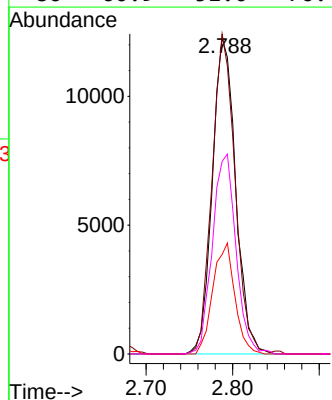
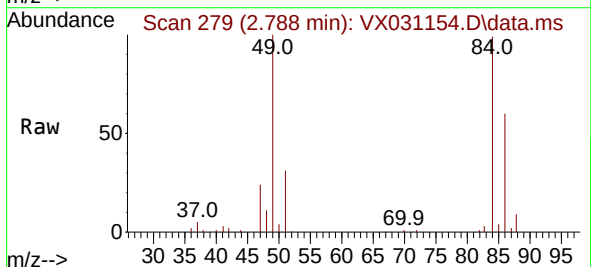
Manual Integrations
APPROVED

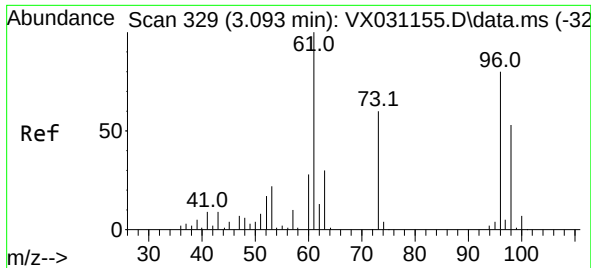
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#20
Methylene Chloride
Concen: 20.534 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

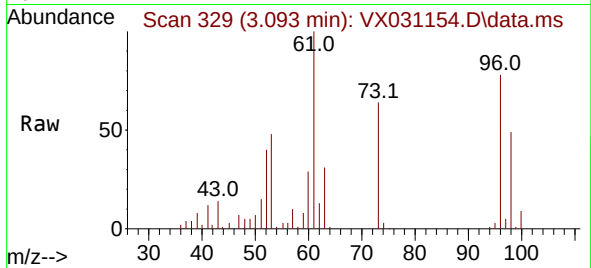
Tgt Ion: 84 Resp: 22961
Ion Ratio Lower Upper
84 100
49 101.1 93.8 140.6
51 31.4 29.4 44.0
86 60.9 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 20.105 ug/l
RT: 3.093 min Scan# 318
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

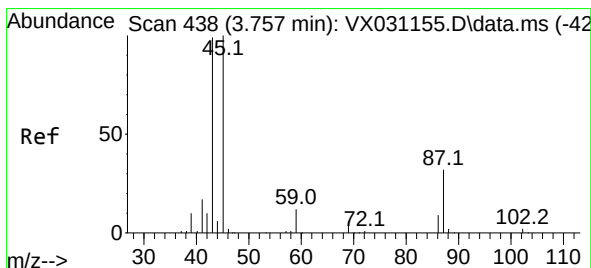
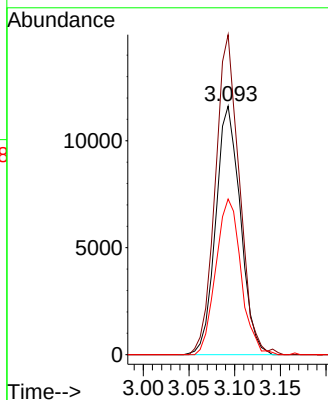
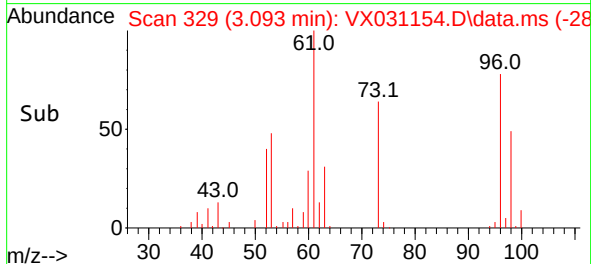
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



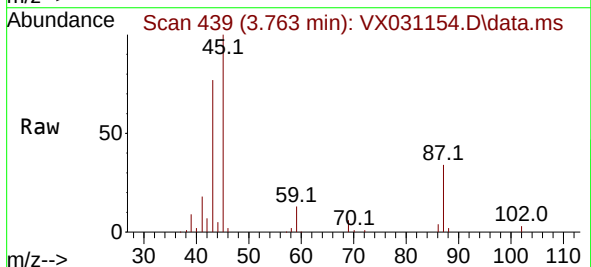
Tgt Ion: 96 Resp: 21828
Ion Ratio Lower Upper
96 100
61 128.7 105.6 158.4
98 62.7 50.1 75.1

Manual Integrations
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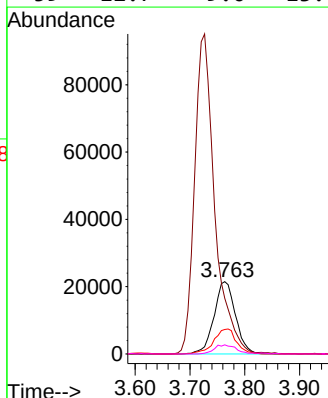
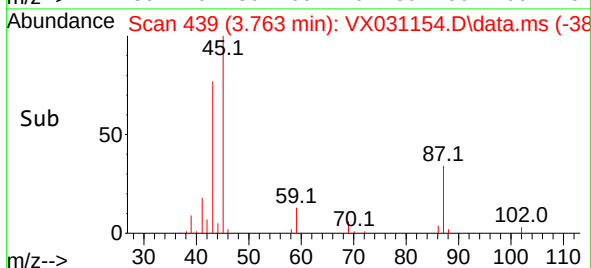
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

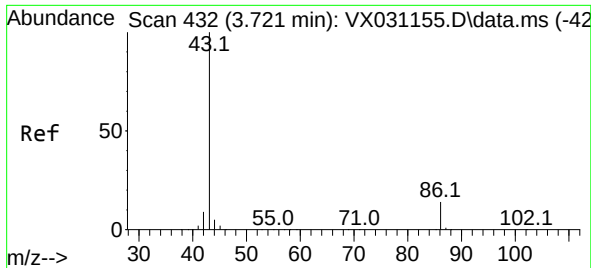


#22
Diisopropyl ether
Concen: 21.177 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



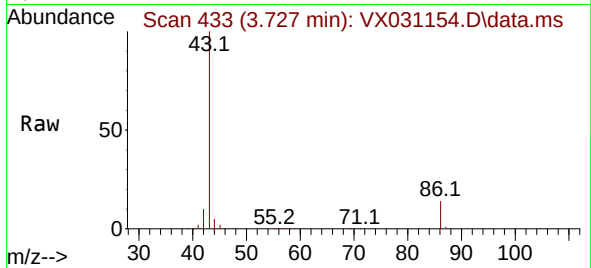
Tgt Ion: 45 Resp: 58535
Ion Ratio Lower Upper
45 100
43 76.4 65.4 98.0
87 33.9 22.3 33.5#
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 105.078 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031154.D
 Acq: 07 Sep 2022 12:38

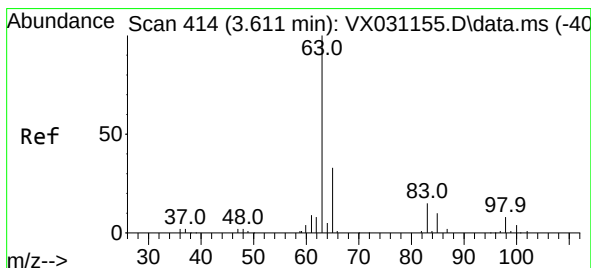
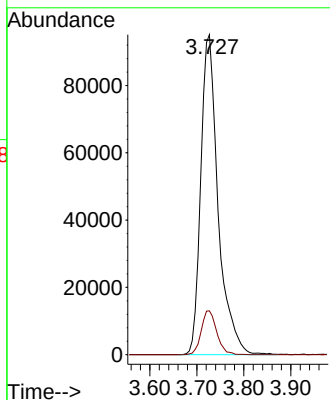
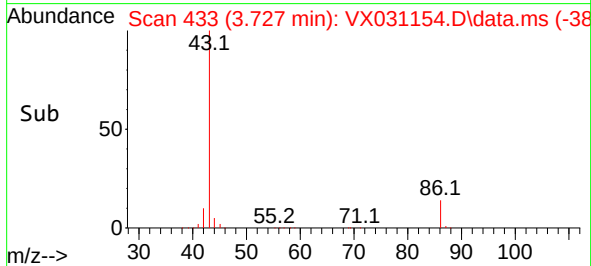
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



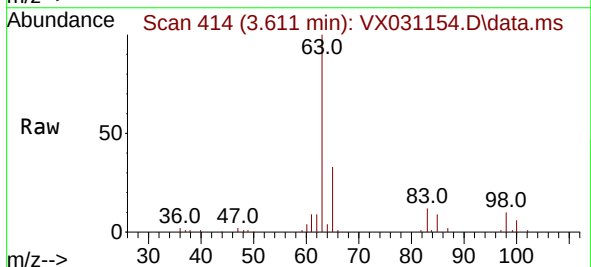
Tgt Ion: 43 Resp: 24379
 Ion Ratio Lower Upper
 43 100
 86 13.7 8.5 12.7

Manual Integrations
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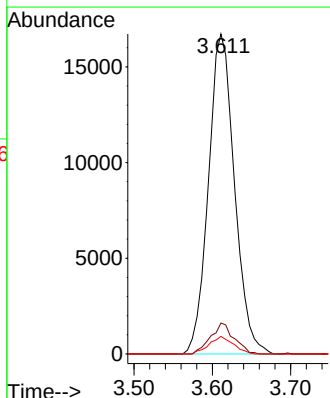
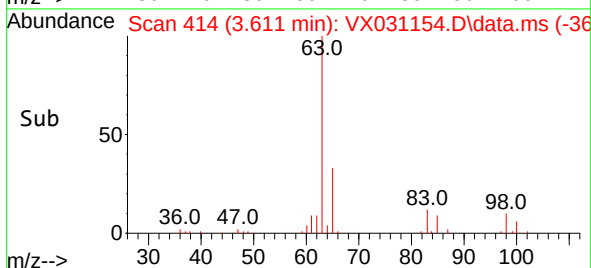
Reviewed By :John Carlone 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

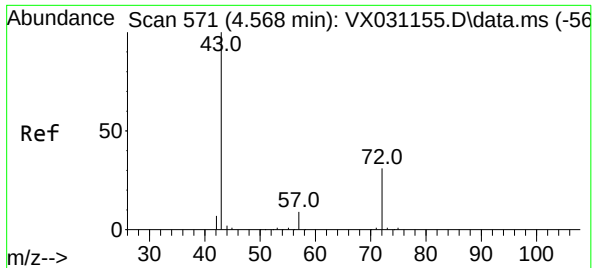


#24
 1,1-Dichloroethane
 Concen: 21.081 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031154.D
 Acq: 07 Sep 2022 12:38



Tgt Ion: 63 Resp: 38651
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.5 10.5
 100 5.5 2.3 6.9





#25

2-Butanone

Concen: 99.847 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 70364

Ion Ratio Lower Upper

43 100

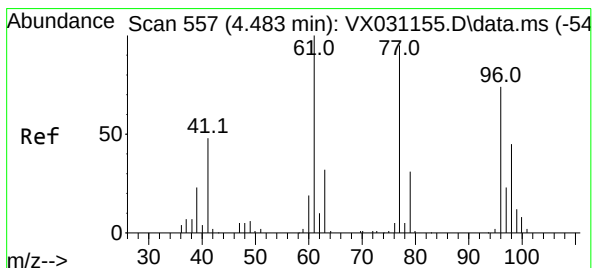
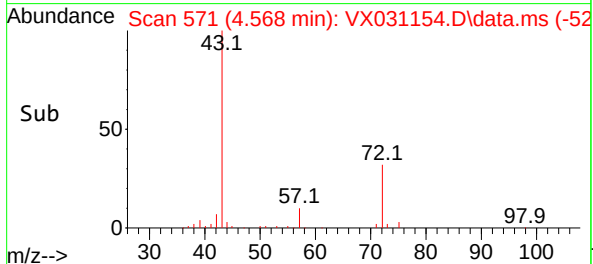
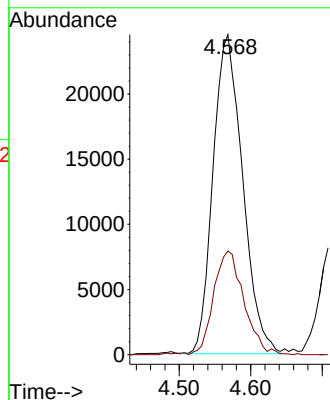
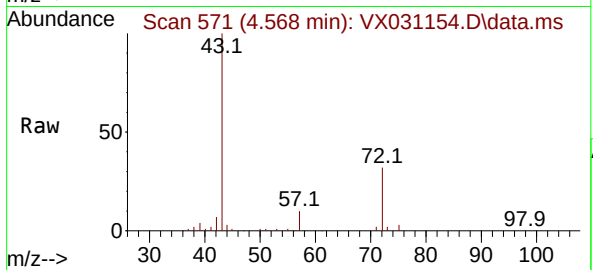
72 32.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#26

2,2-Dichloropropane

Concen: 20.590 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX031154.D

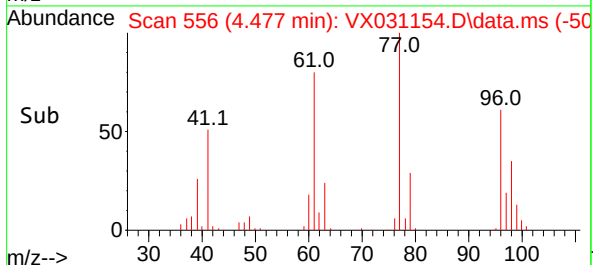
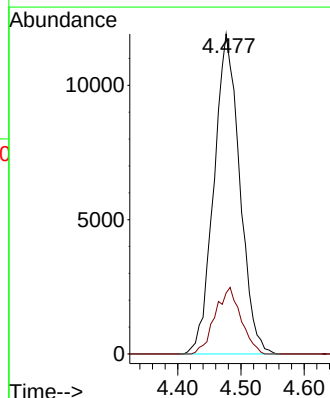
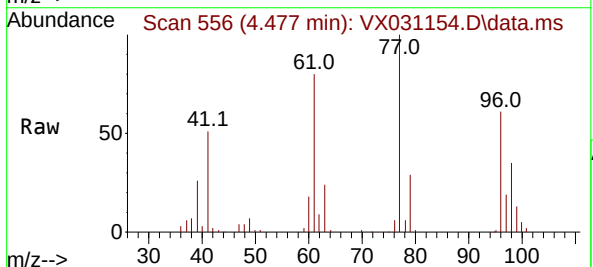
Acq: 07 Sep 2022 12:38

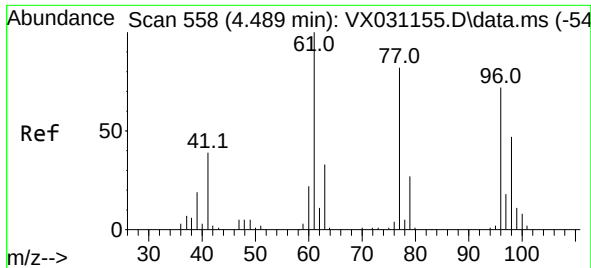
Tgt Ion: 77 Resp: 33781

Ion Ratio Lower Upper

77 100

97 20.9 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 20.238 ug/l

RT: 4.489 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 2522

Ion Ratio Lower Upper

96 100

61 137.9 0.0 270.0

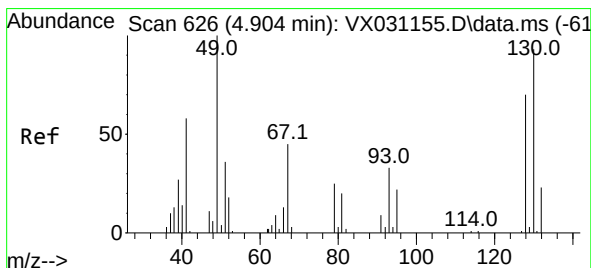
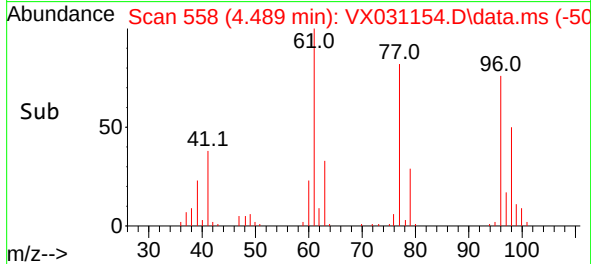
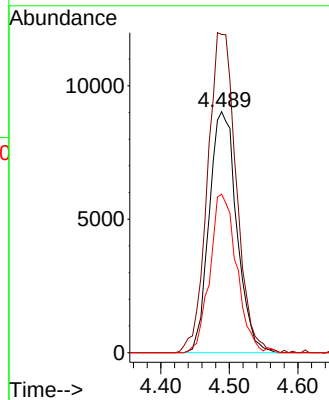
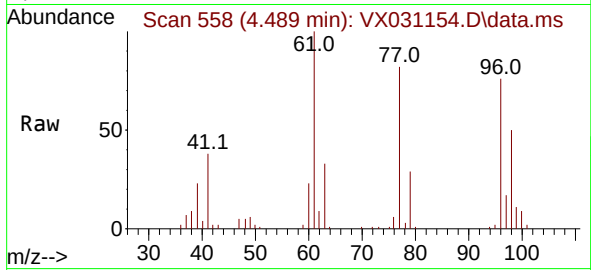
98 63.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#28

Bromochloromethane

Concen: 20.827 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

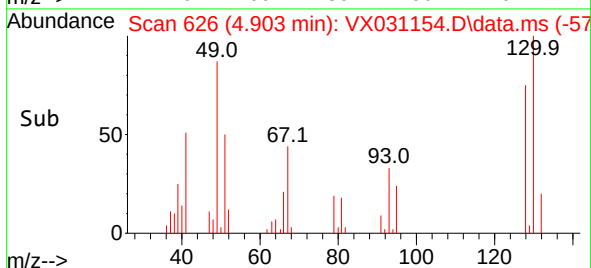
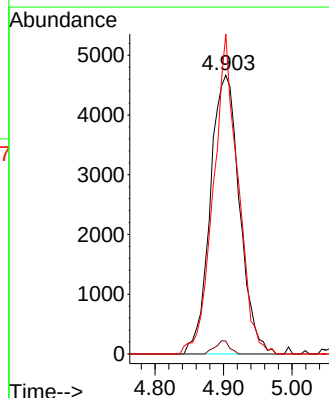
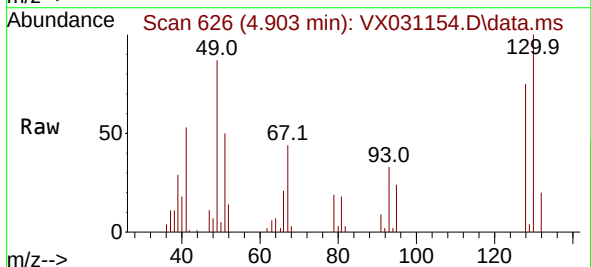
Tgt Ion: 49 Resp: 13846

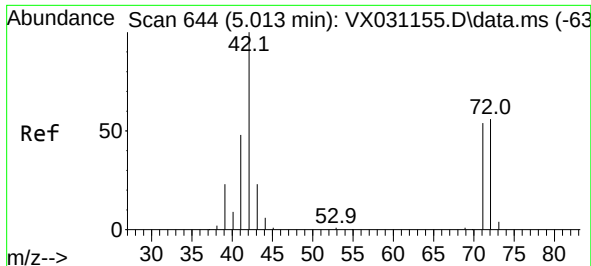
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 96.4 62.8 94.2#





#29

Tetrahydrofuran

Concen: 101.290 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 4214

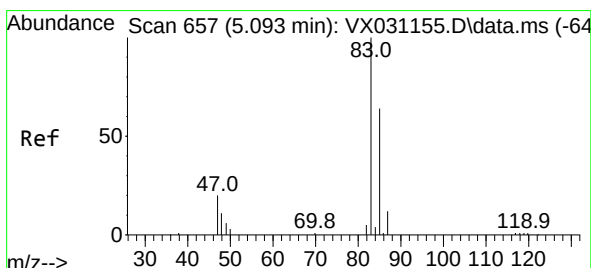
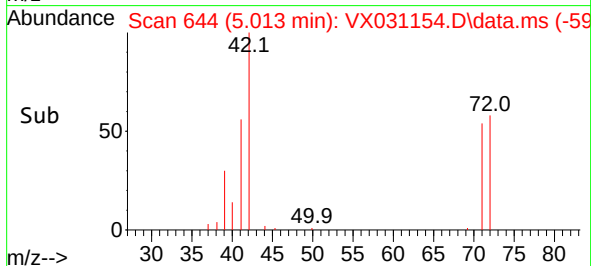
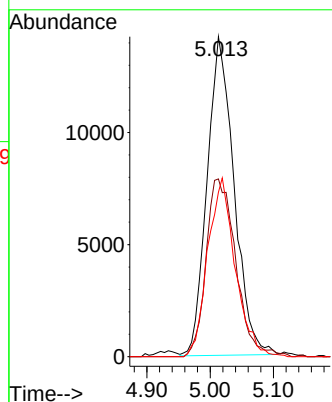
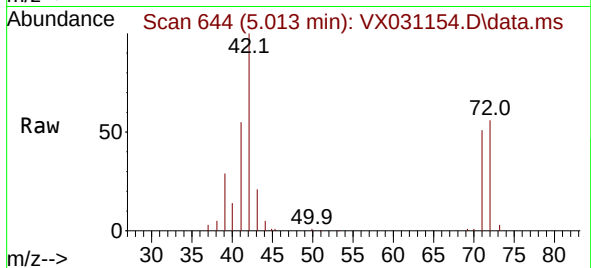
Ion	Ratio	Lower	Upper
42	100		
72	61.5	36.5	54.7
71	57.2	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#30

Chloroform

Concen: 21.814 ug/l

RT: 5.098 min Scan# 658

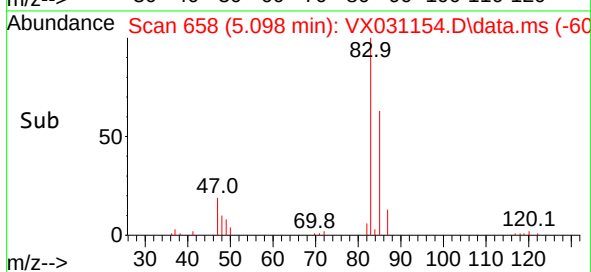
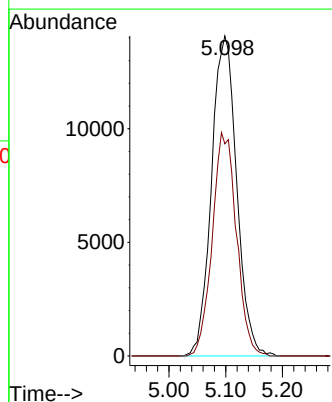
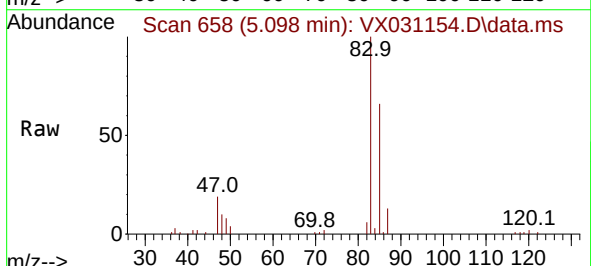
Delta R.T. 0.006 min

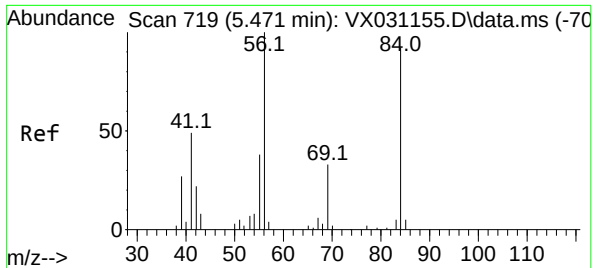
Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Tgt Ion: 83 Resp: 43449

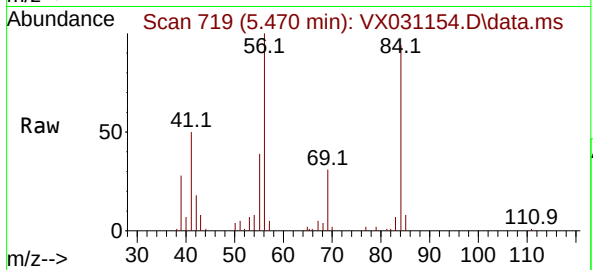
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.5	77.3





#31
Cyclohexane
Concen: 20.266 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

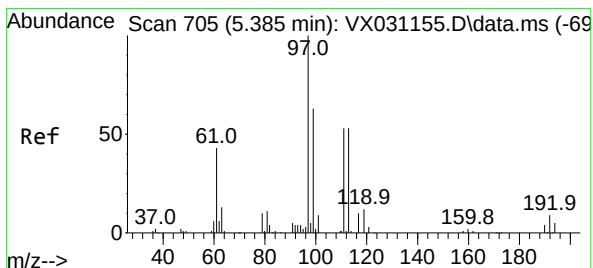
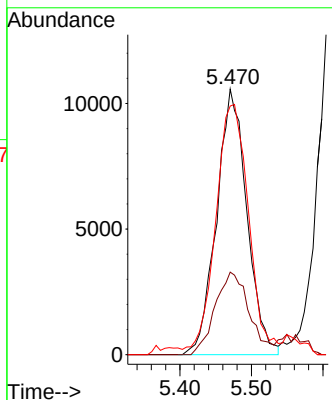
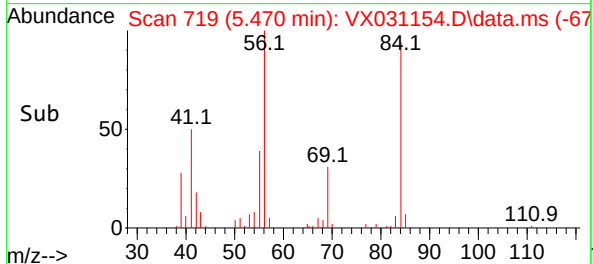
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



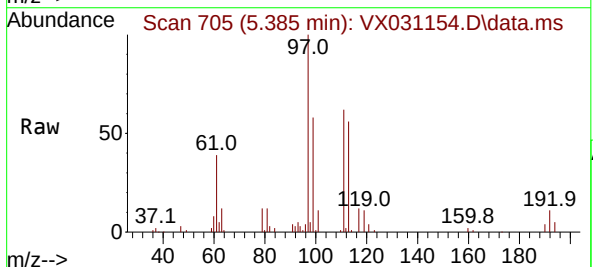
Tgt Ion: 56 Resp: 31118
Ion Ratio Lower Upper
56 100
69 31.1 25.4 38.0
84 91.1 68.9 103.3

Manual Integrations
APPROVED

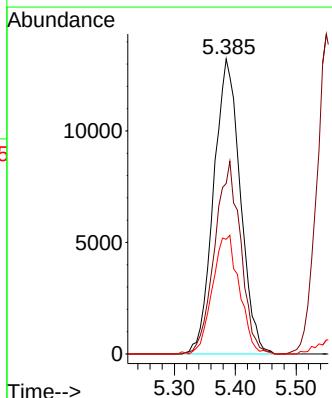
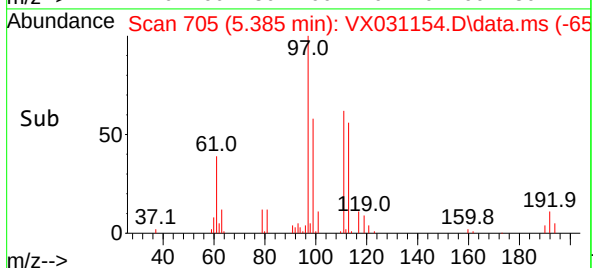
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

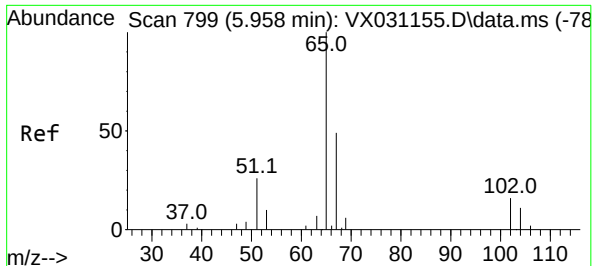


#32
1,1,1-Trichloroethane
Concen: 20.572 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



Tgt Ion: 97 Resp: 40212
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 40.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 20.287 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 27870

Ion Ratio Lower Upper

65 100

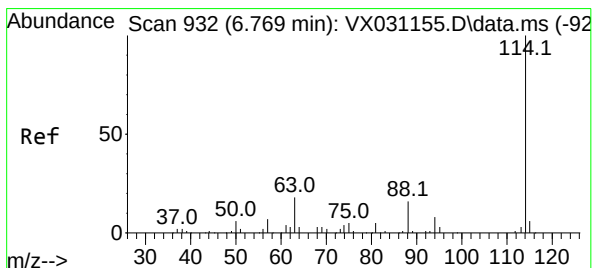
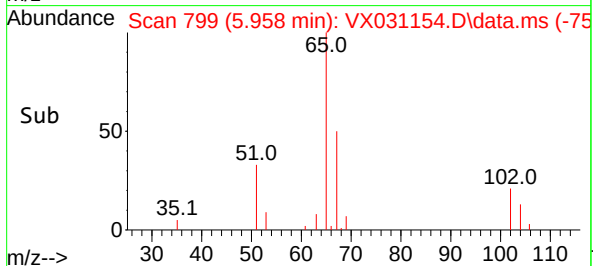
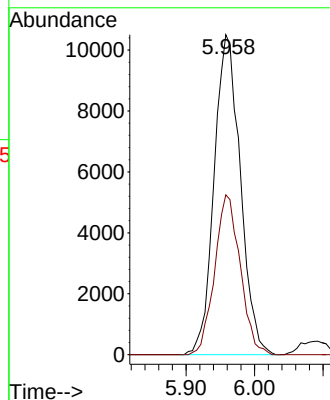
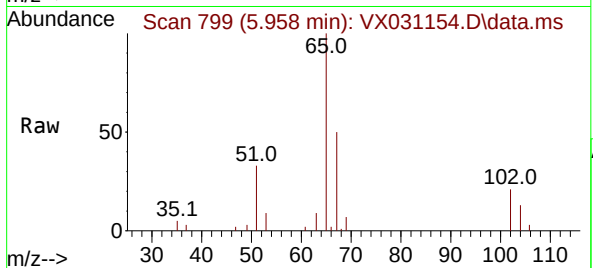
67 48.6 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

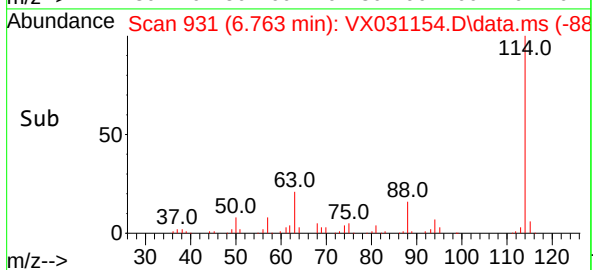
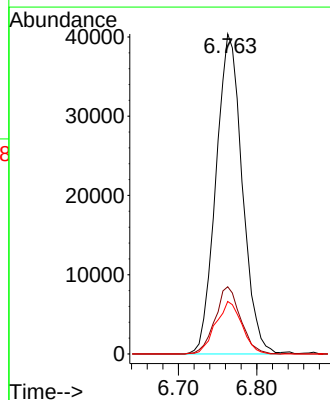
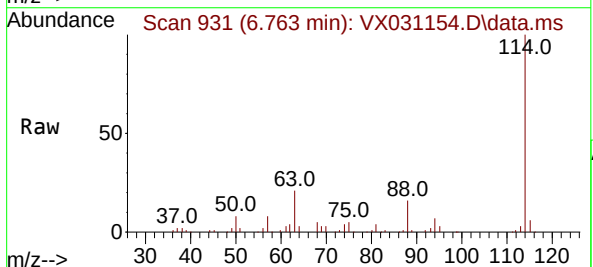
Tgt Ion:114 Resp: 94372

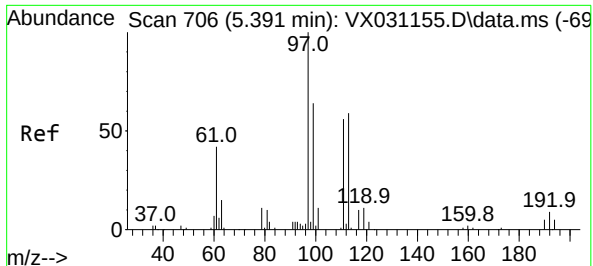
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 20.951 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

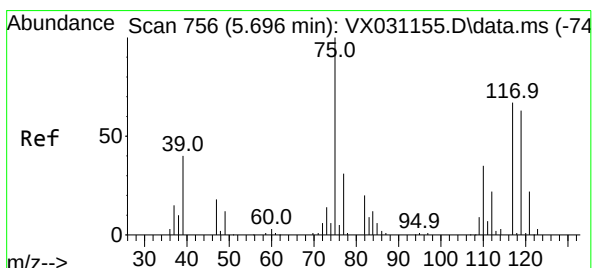
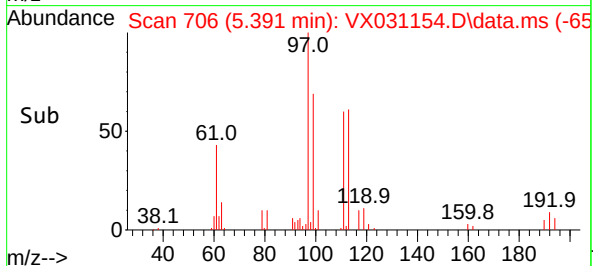
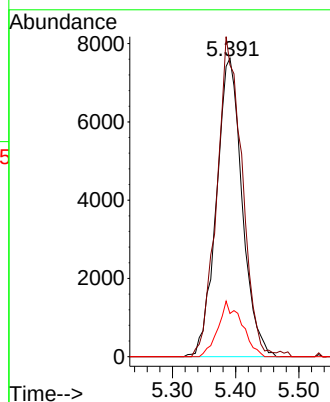
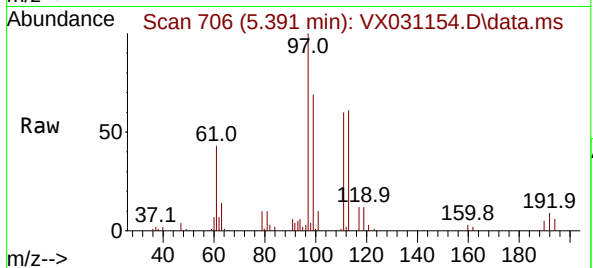
Tgt Ion:	113	Resp:	21540
Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.2	124.8
192	17.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#36

1,1-Dichloropropene

Concen: 20.475 ug/l

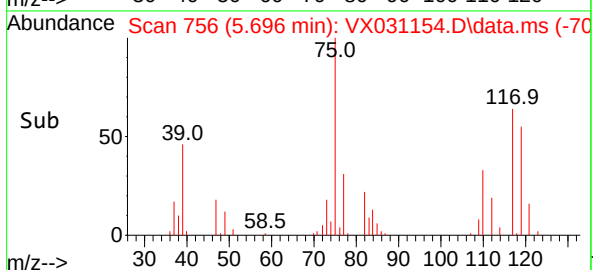
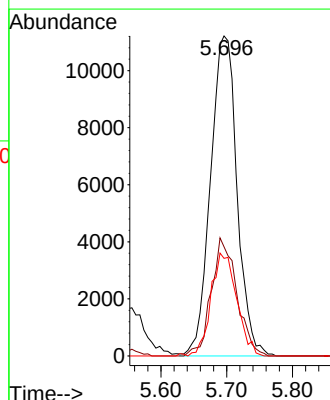
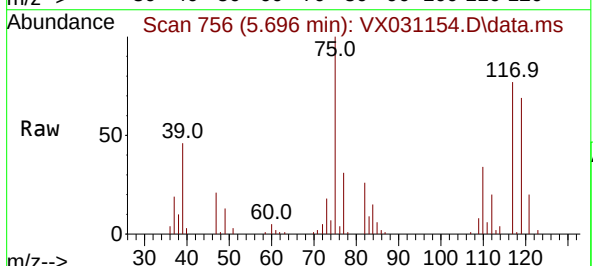
RT: 5.696 min Scan# 756

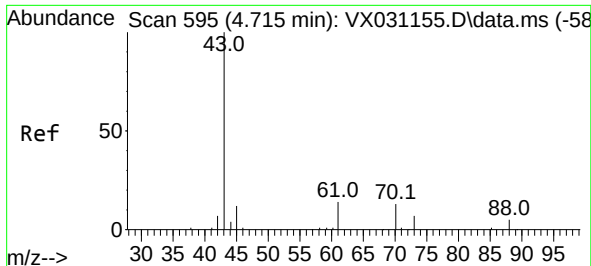
Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Tgt Ion:	75	Resp:	31534
Ion	Ratio	Lower	Upper
75	100		
110	35.5	19.3	57.9
77	31.3	24.4	36.6





#37

Ethyl Acetate

Concen: 21.402 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

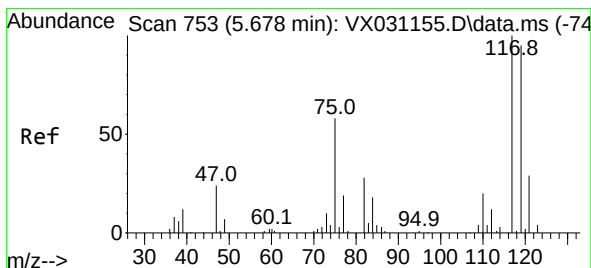
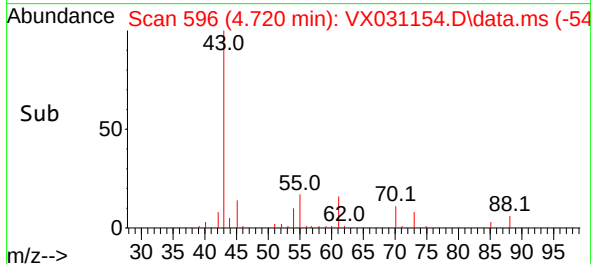
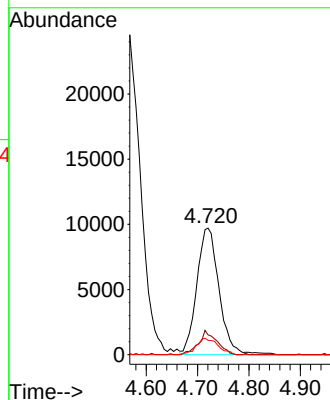
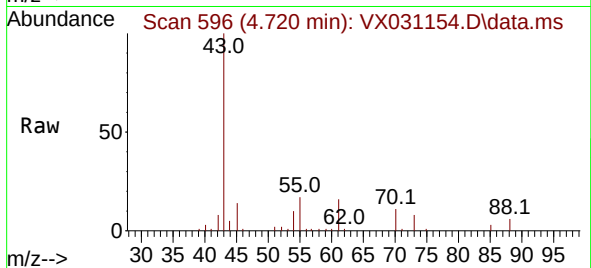
Tgt Ion: 43	Resp: 2924
Ion Ratio	Lower Upper
43 100	
61 15.5	11.7 17.5
70 12.6	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#38

Carbon Tetrachloride

Concen: 23.009 ug/l

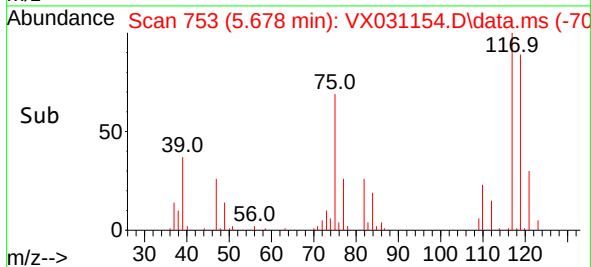
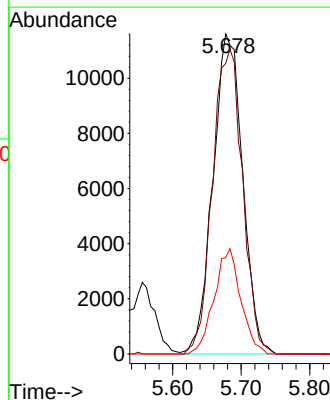
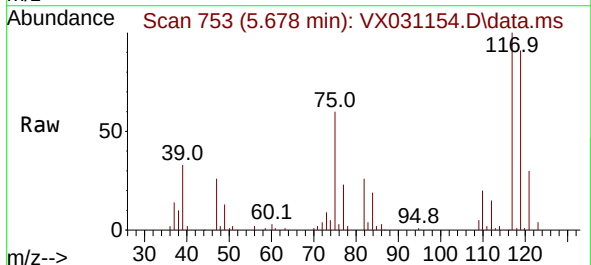
RT: 5.678 min Scan# 753

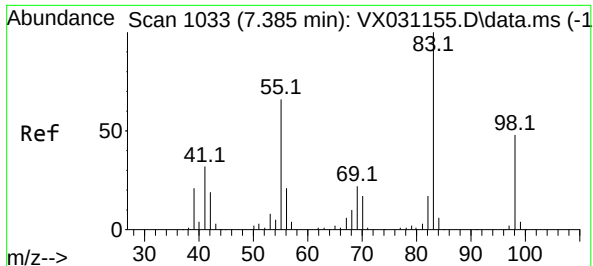
Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Tgt Ion: 117	Resp: 34985
Ion Ratio	Lower Upper
117 100	
119 90.8	74.1 111.1
121 30.1	25.8 38.8





#39

Methylcyclohexane

Concen: 21.430 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 37694

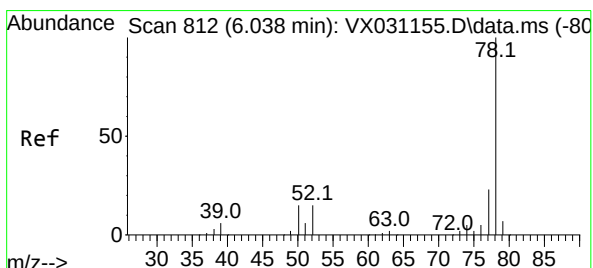
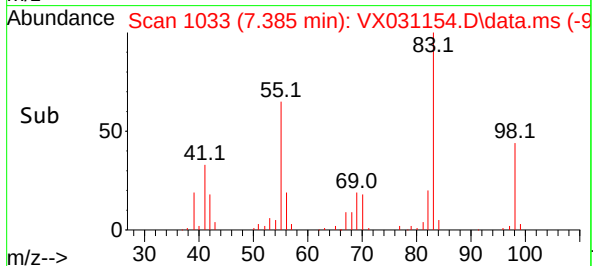
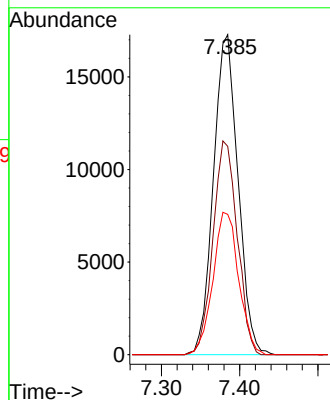
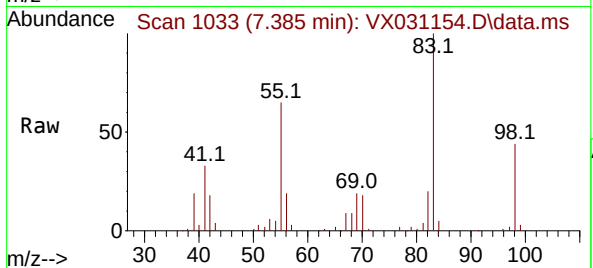
Ion	Ratio	Lower	Upper
83	100		
55	65.1	57.7	86.5
98	43.9	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#40

Benzene

Concen: 20.756 ug/l

RT: 6.043 min Scan# 813

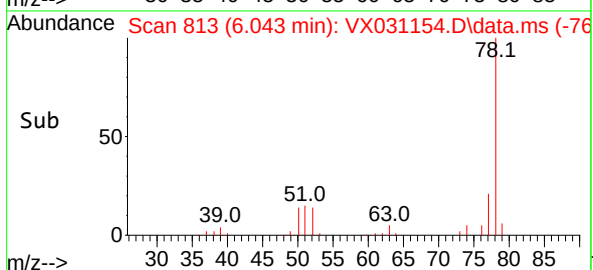
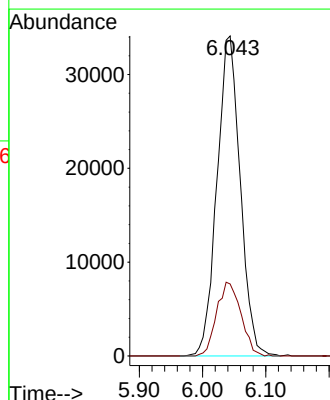
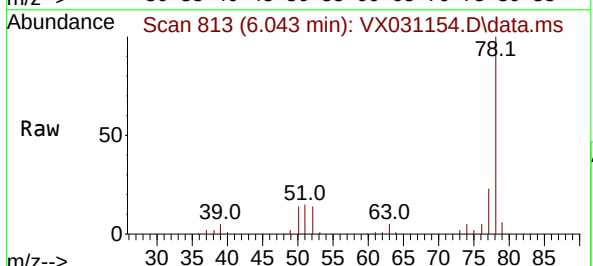
Delta R.T. 0.006 min

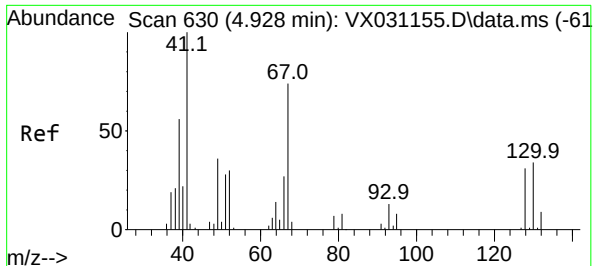
Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Tgt Ion: 78 Resp: 86837

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.0	27.0





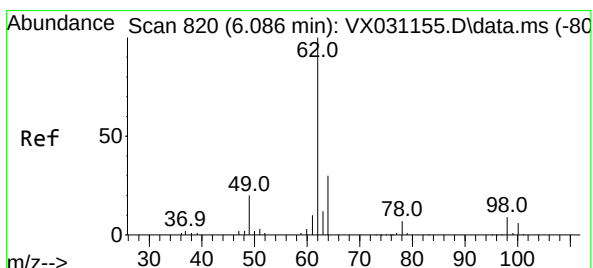
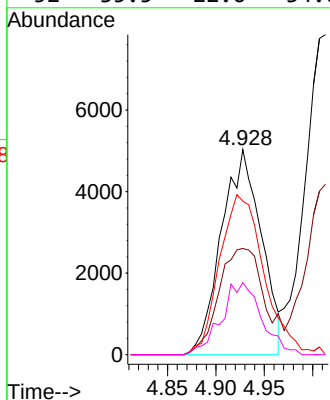
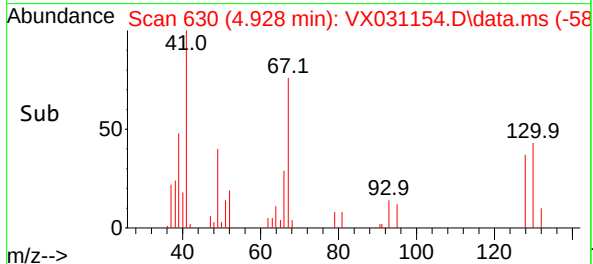
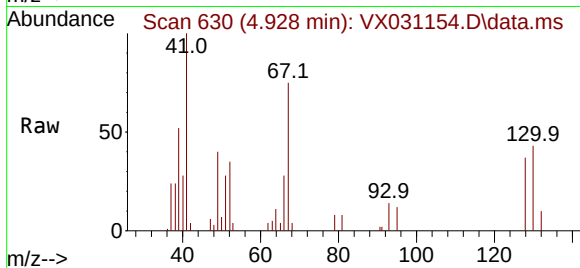
#41
Methacrylonitrile
Concen: 21.515 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41	Resp: 1444
Ion Ratio	Lower Upper
41 100	
39 59.8	42.9 64.3
67 86.8	60.1 90.1
52 35.5	22.6 34.0

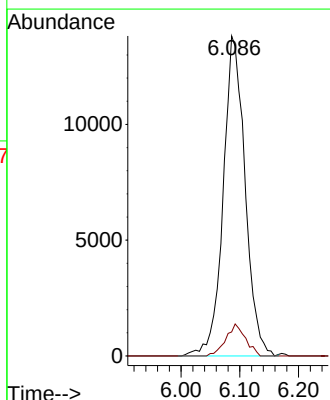
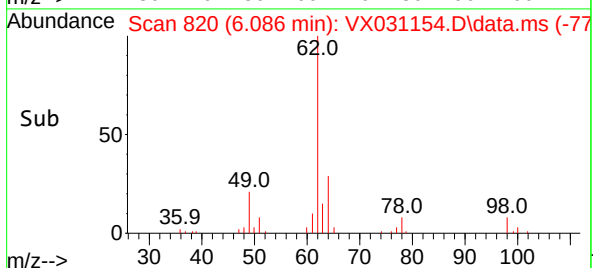
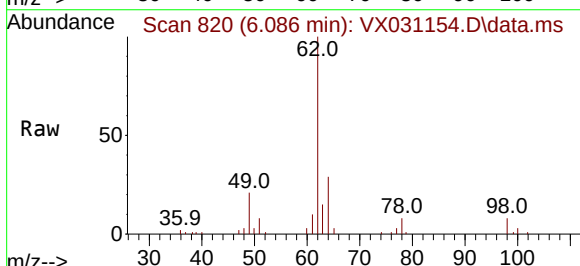
Manual Integrations
APPROVED

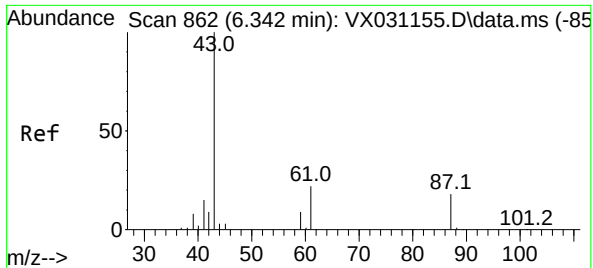
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#42
1,2-Dichloroethane
Concen: 20.884 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

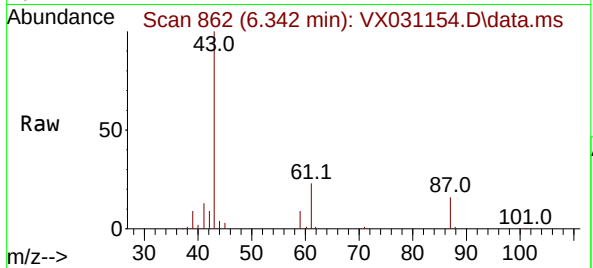
Tgt Ion: 62	Resp: 35773
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 20.2





#43
Isopropyl Acetate
Concen: 21.679 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

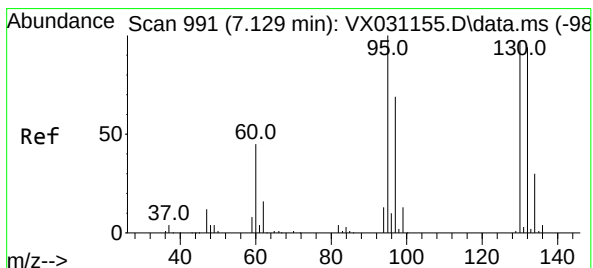
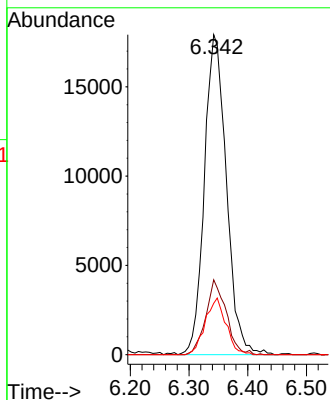
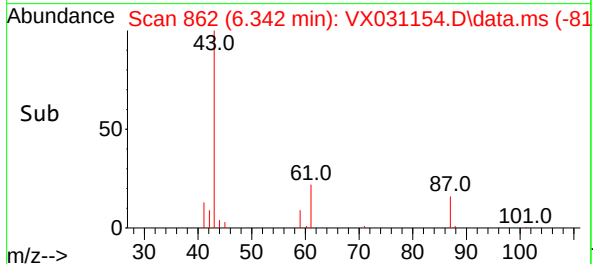
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 46699
Ion Ratio Lower Upper
43 100
61 21.7 16.5 24.7
87 16.7 11.1 16.7

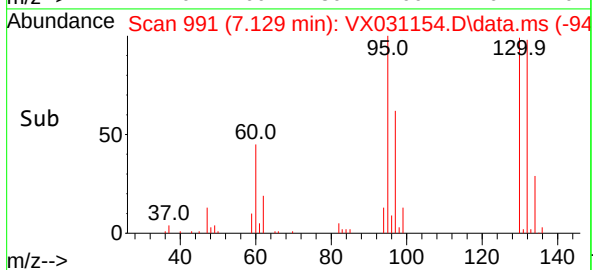
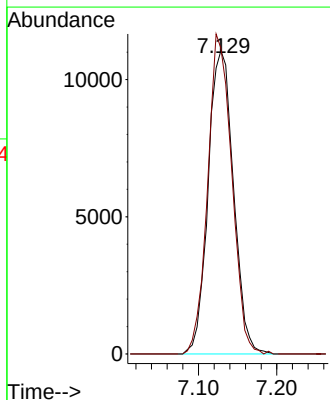
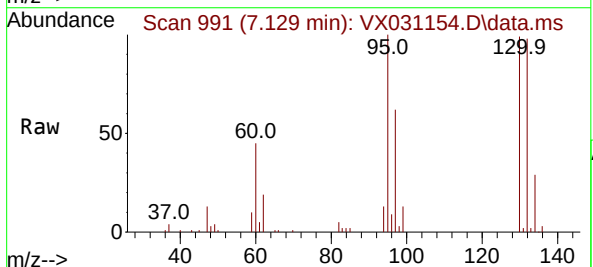
Manual Integrations
APPROVED

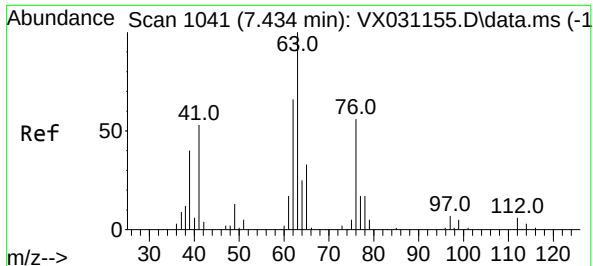
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#44
Trichloroethene
Concen: 21.121 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion:130 Resp: 24839
Ion Ratio Lower Upper
130 100
95 100.8 0.0 194.8





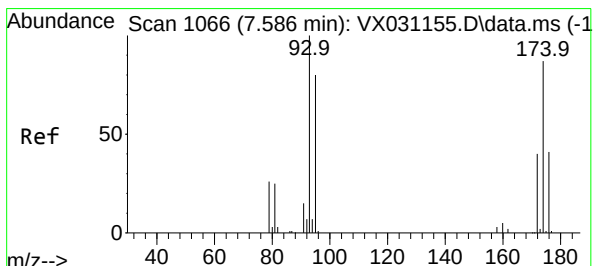
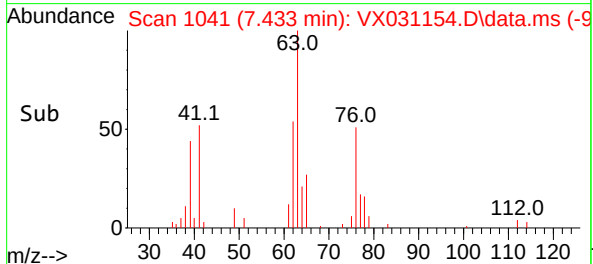
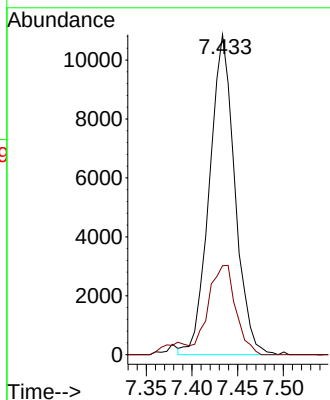
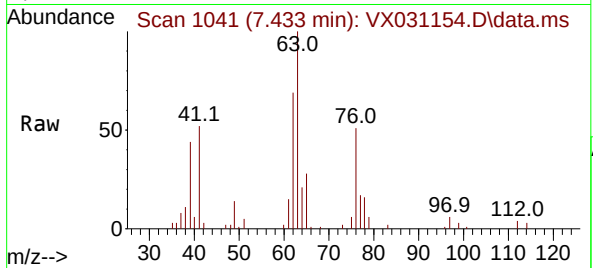
#45
1,2-Dichloropropane
Concen: 20.446 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 2102
Ion Ratio Lower Upper
63 100
65 27.8 25.2 37.8

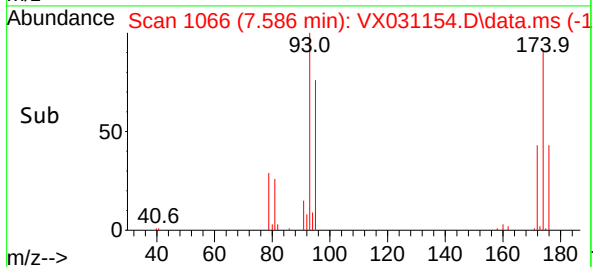
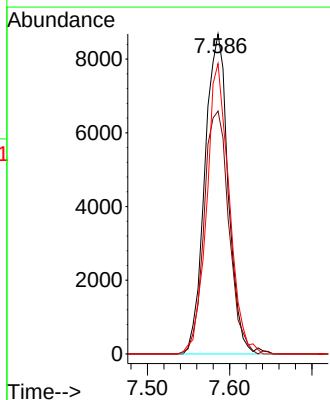
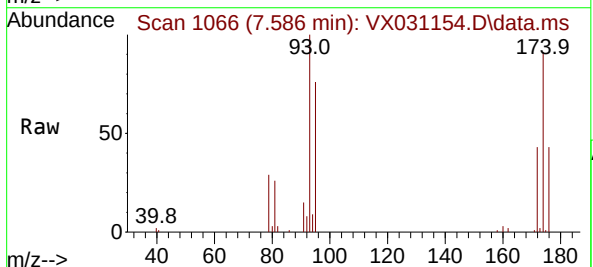
Manual Integrations
APPROVED

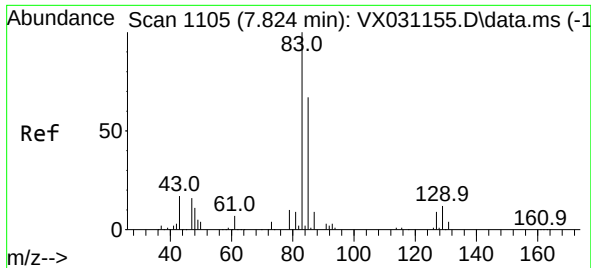
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#46
Dibromomethane
Concen: 21.040 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

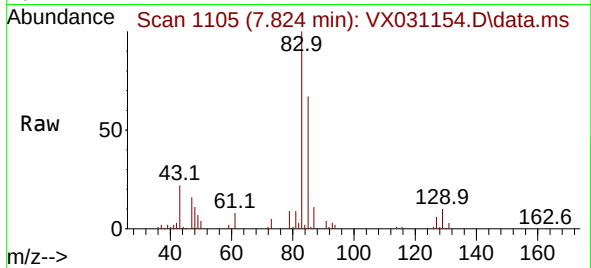
Tgt Ion: 93 Resp: 17154
Ion Ratio Lower Upper
93 100
95 80.2 67.4 101.0
174 87.6 75.6 113.4





#47
Bromodichloromethane
Concen: 21.739 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

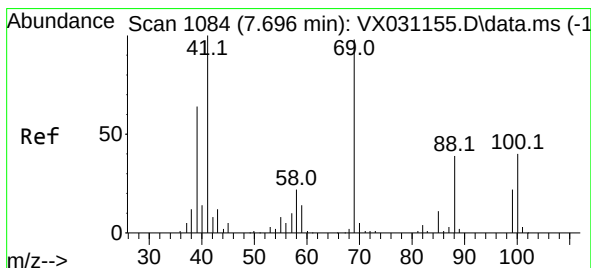
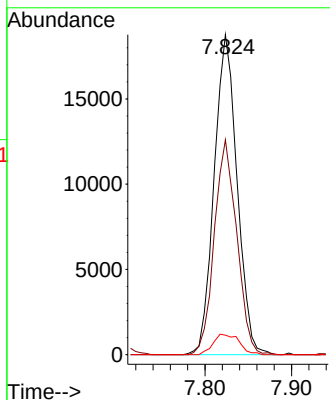
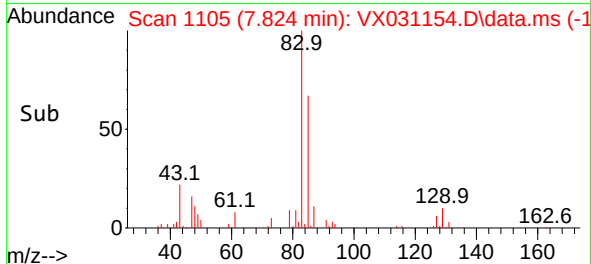
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 3447
Ion Ratio Lower Upper
83 100
85 67.2 53.5 80.3
127 6.1 6.6 10.0

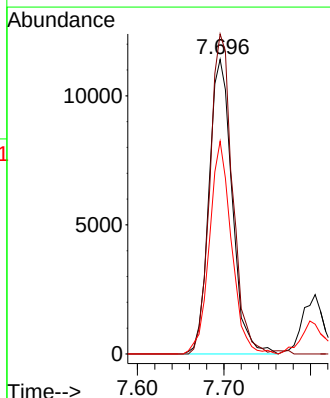
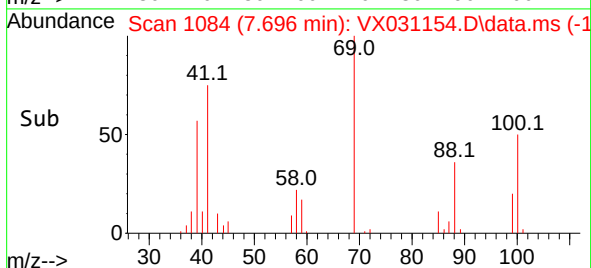
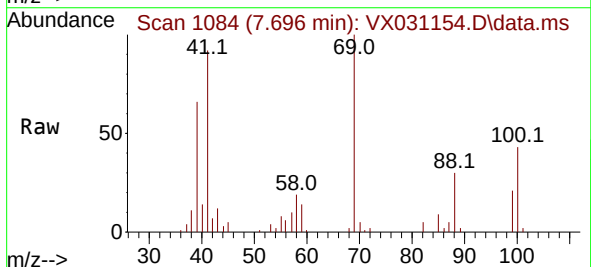
Manual Integrations
APPROVED

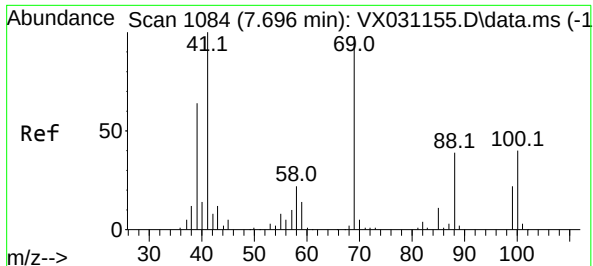
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#48
Methyl methacrylate
Concen: 20.209 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion: 41 Resp: 21199
Ion Ratio Lower Upper
41 100
69 106.0 68.8 103.2#
39 68.5 44.6 66.8#





#49

1,4-Dioxane

Concen: 413.740 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 1198

Ion Ratio Lower Upper

88 100

43 30.7 23.8 35.8

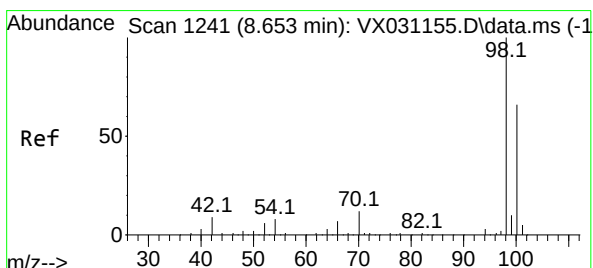
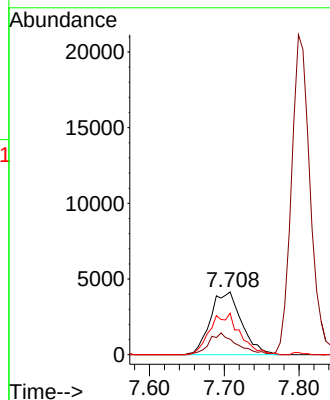
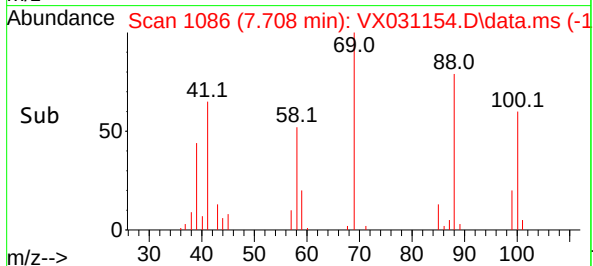
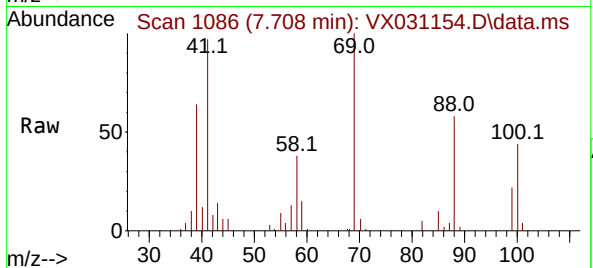
58 63.5 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#50

Toluene-d8

Concen: 20.896 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031154.D

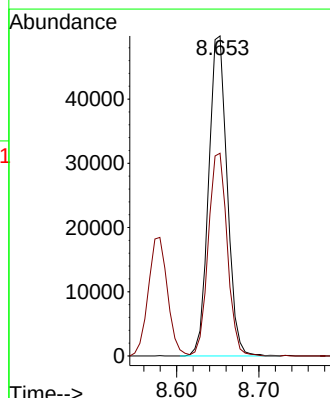
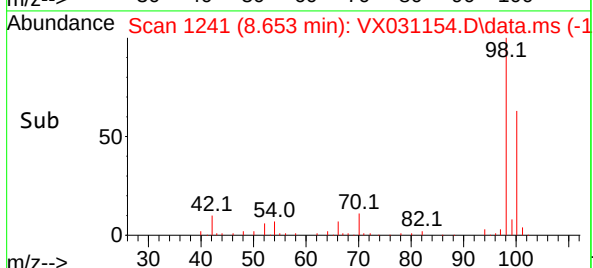
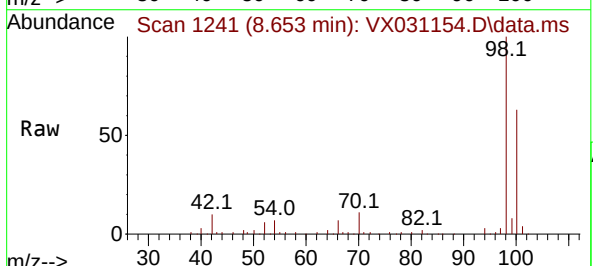
Acq: 07 Sep 2022 12:38

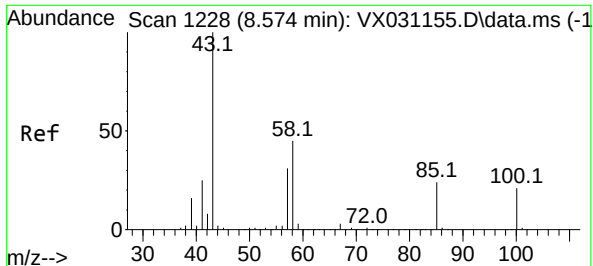
Tgt Ion: 98 Resp: 78076

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 103.756 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 13686

Ion Ratio Lower Upper

43 100

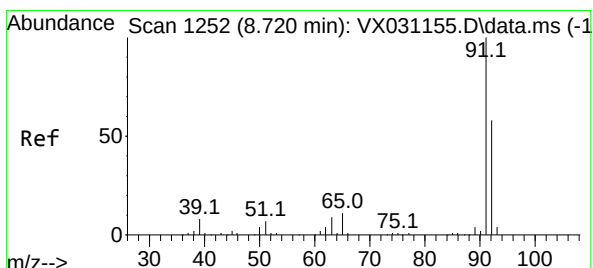
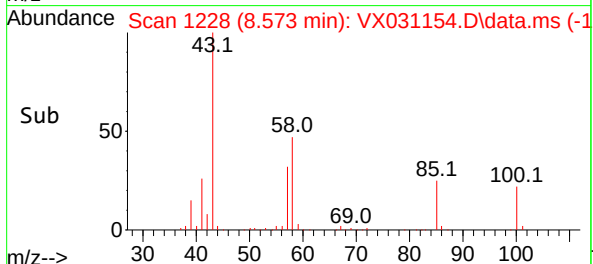
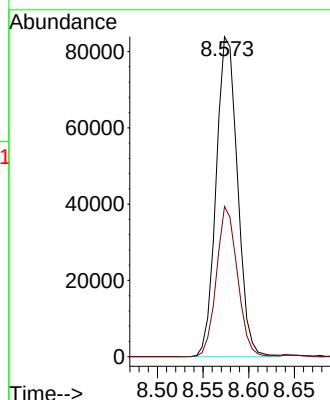
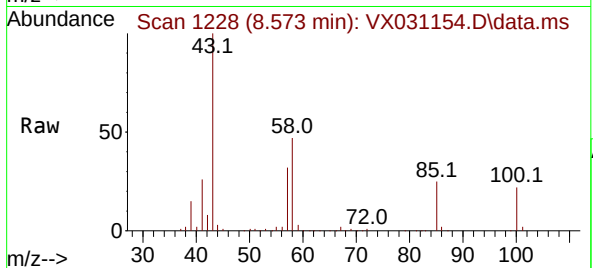
58 45.9 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#52

Toluene

Concen: 20.908 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031154.D

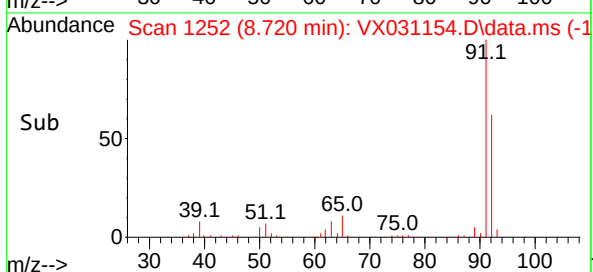
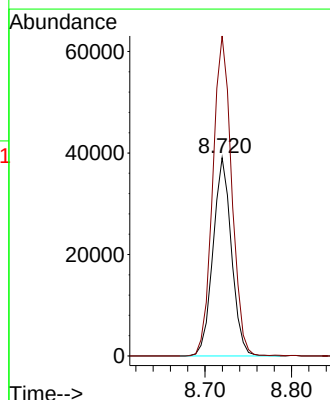
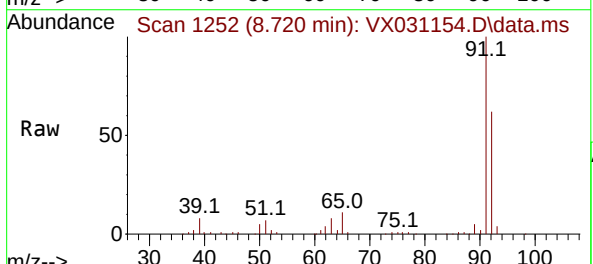
Acq: 07 Sep 2022 12:38

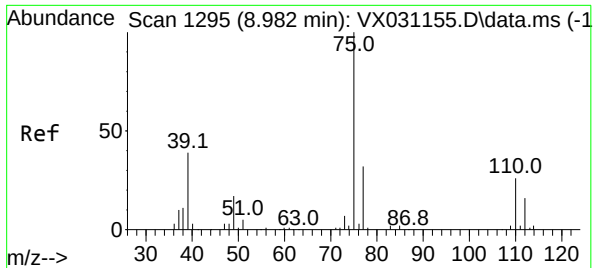
Tgt Ion: 92 Resp: 57695

Ion Ratio Lower Upper

92 100

91 165.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.421 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 3539

Ion Ratio Lower Upper

75 100

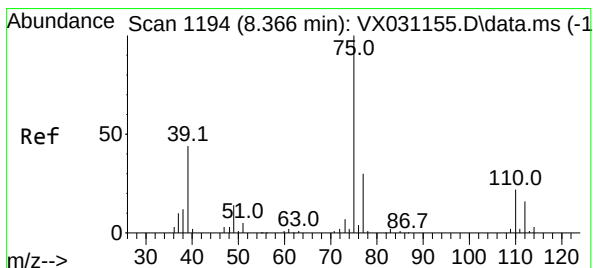
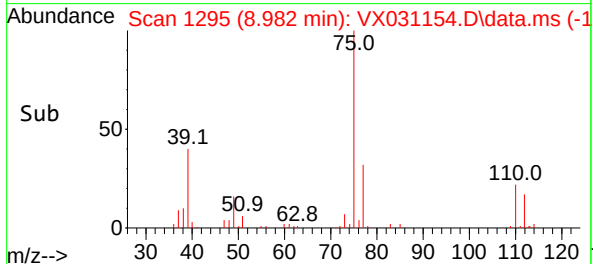
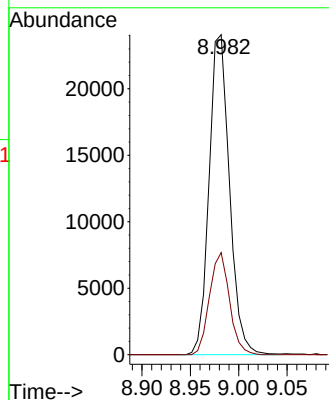
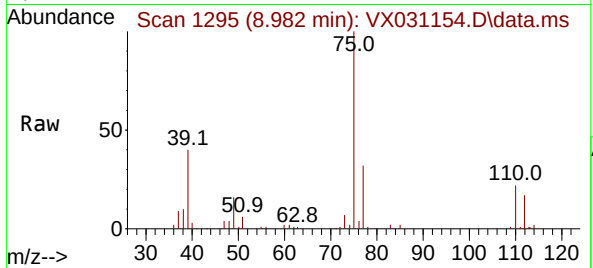
77 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#54

cis-1,3-Dichloropropene

Concen: 21.636 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

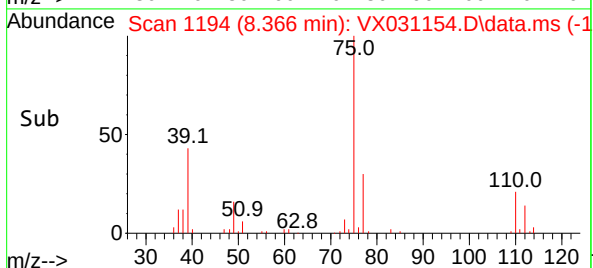
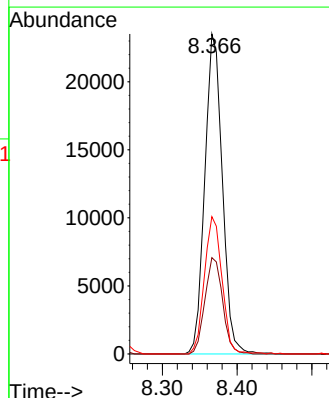
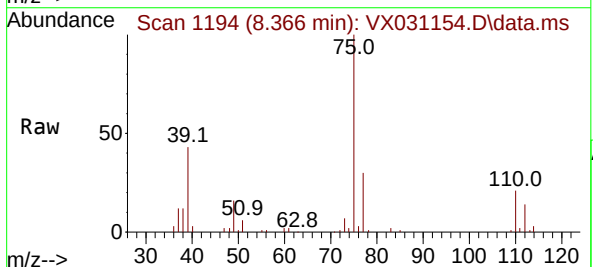
Tgt Ion: 75 Resp: 38378

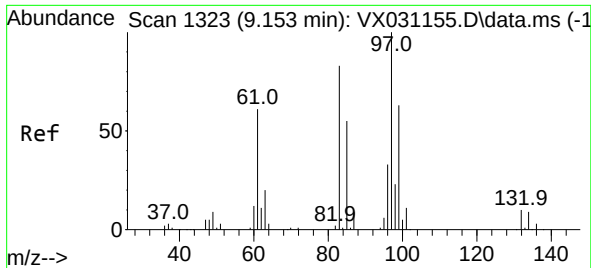
Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.4

39 42.9 37.5 56.3





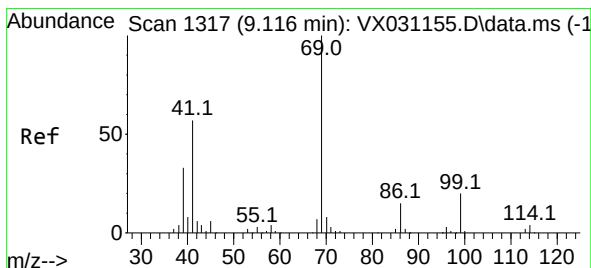
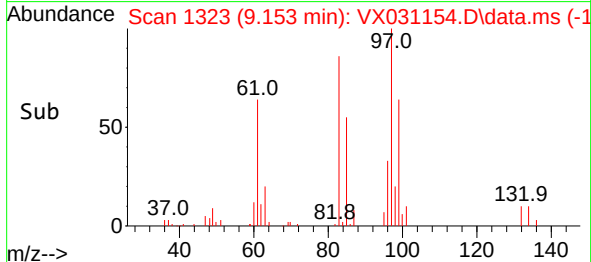
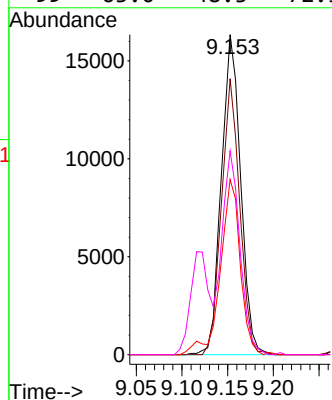
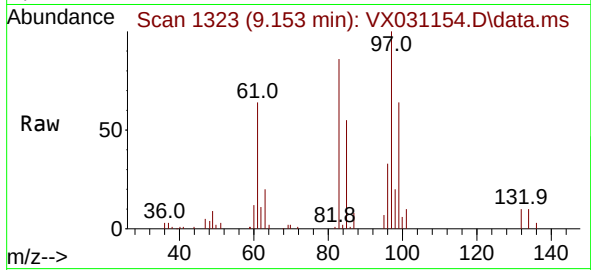
#55
1,1,2-Trichloroethane
Concen: 21.167 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.9	103.3
85	54.7	44.0	66.0
99	63.0	48.3	72.5

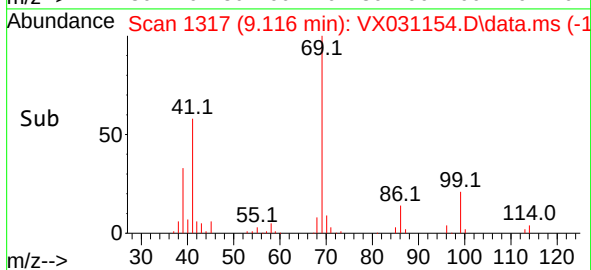
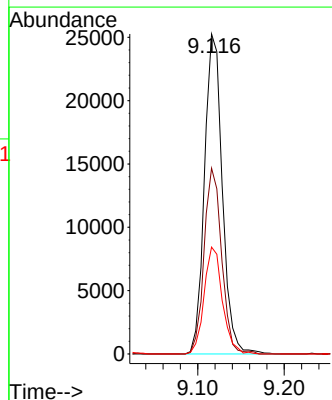
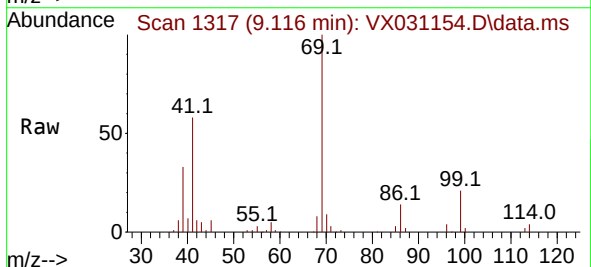
Manual Integrations
APPROVED

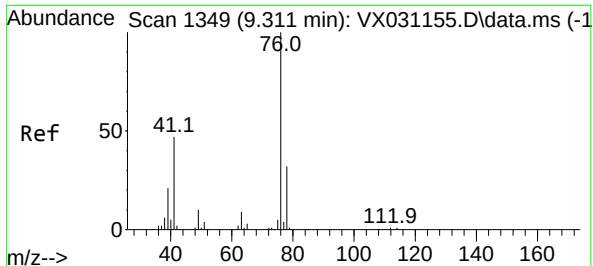
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#56
Ethyl methacrylate
Concen: 21.637 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.9	52.3	78.5
39	34.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.556 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4029

Ion Ratio Lower Upper

76 100

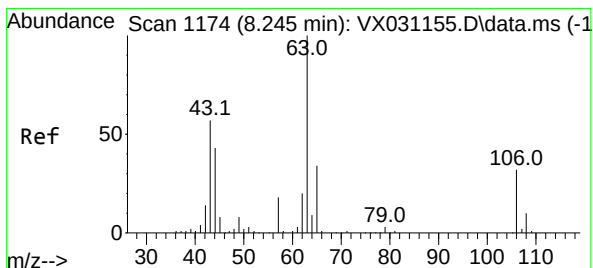
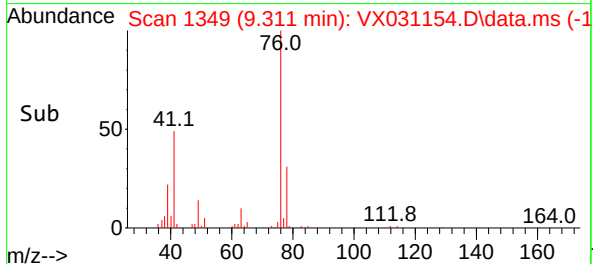
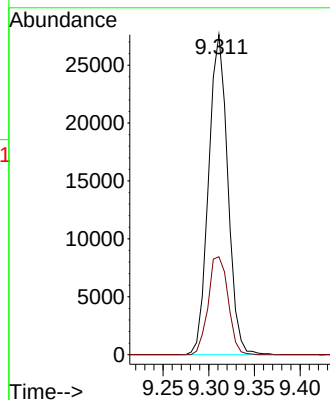
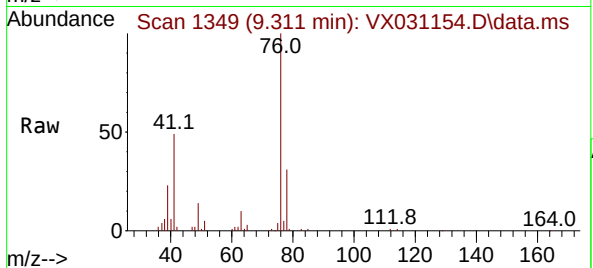
78 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 106.092 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031154.D

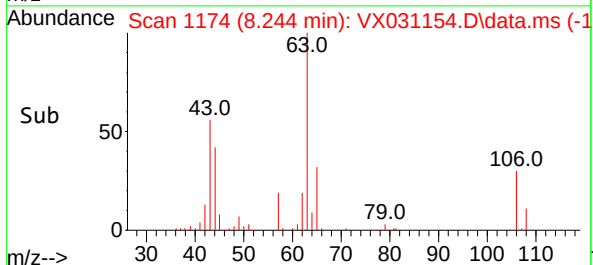
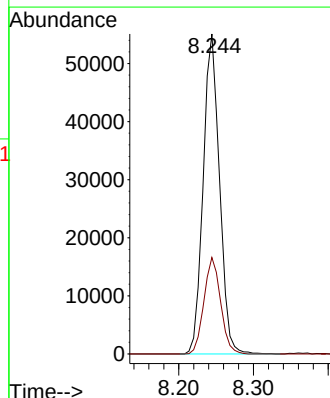
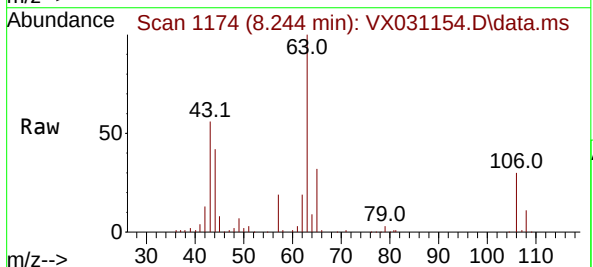
Acq: 07 Sep 2022 12:38

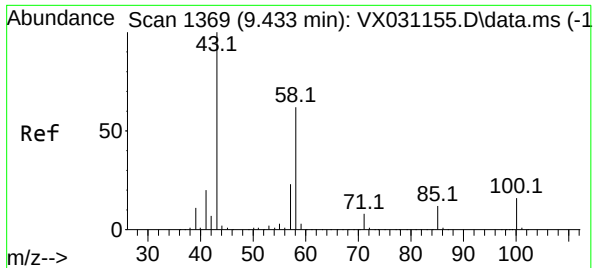
Tgt Ion: 63 Resp: 83575

Ion Ratio Lower Upper

63 100

106 30.7 22.2 33.2





#59

2-Hexanone

Concen: 105.624 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 105362

Ion Ratio Lower Upper

43 100

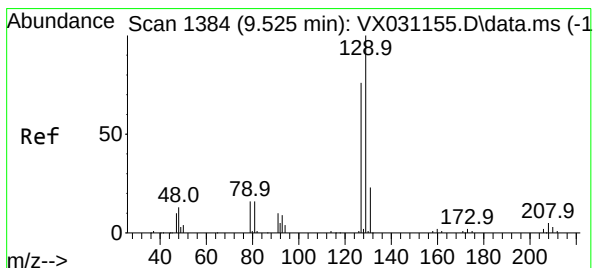
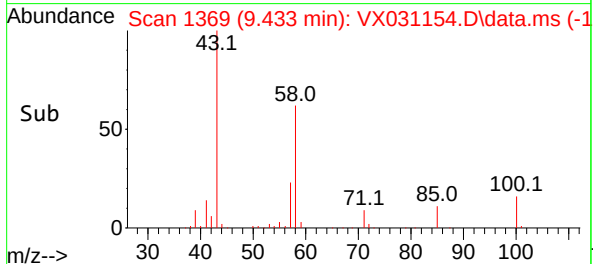
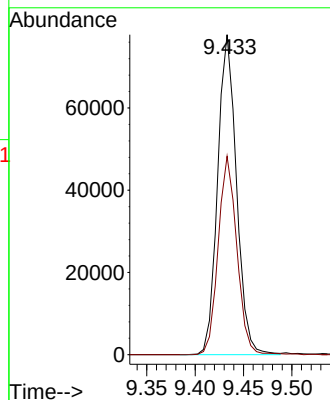
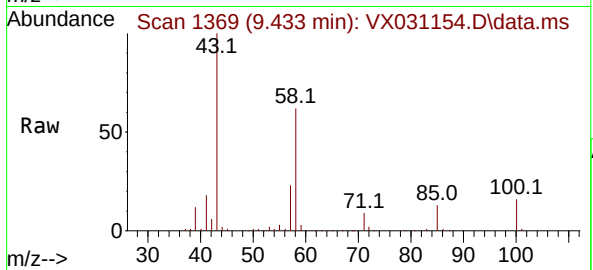
58 61.4 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#60

Dibromochloromethane

Concen: 21.587 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031154.D

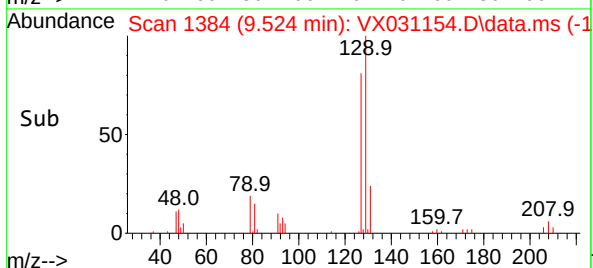
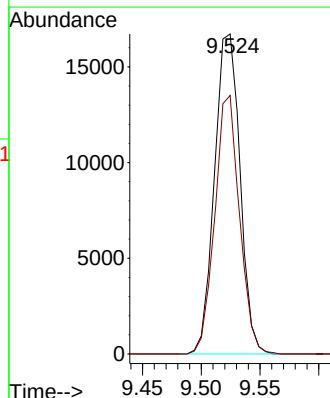
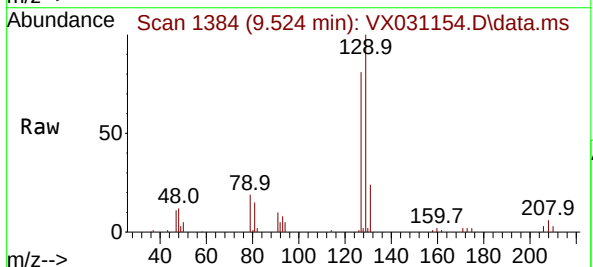
Acq: 07 Sep 2022 12:38

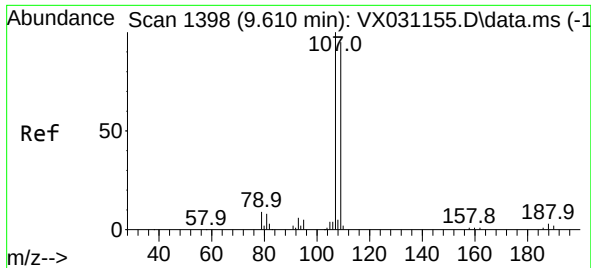
Tgt Ion:129 Resp: 25249

Ion Ratio Lower Upper

129 100

127 78.3 38.5 115.5





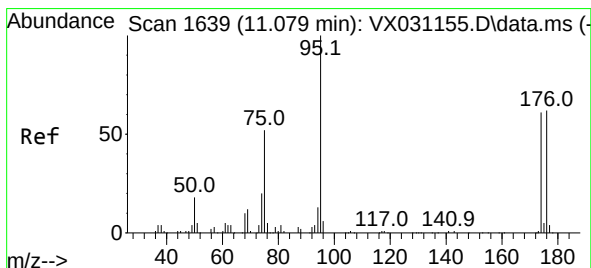
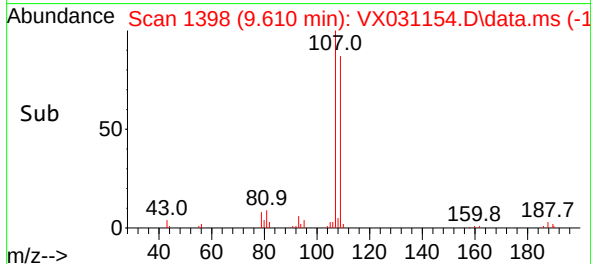
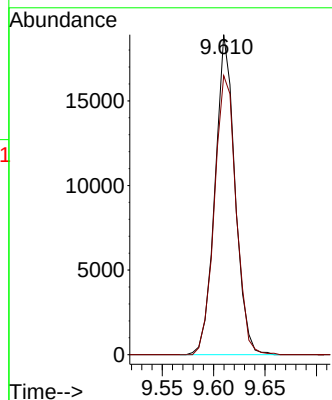
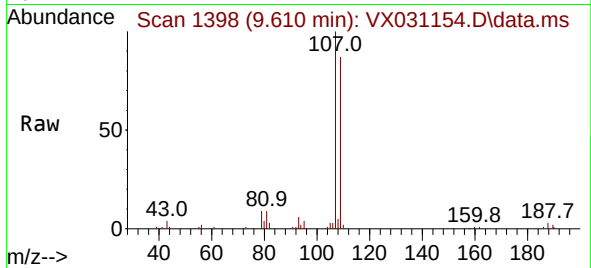
#61
1,2-Dibromoethane
Concen: 20.268 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 107 Resp: 2555
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

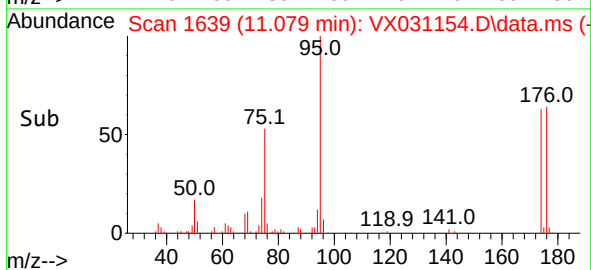
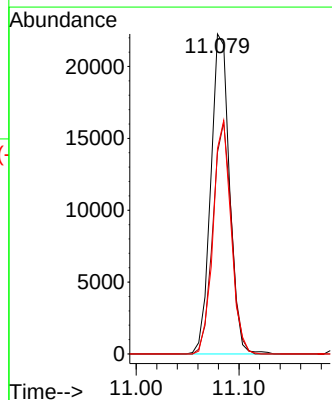
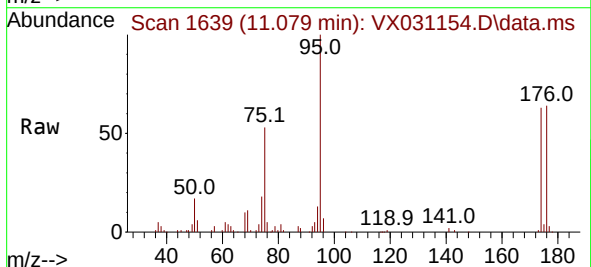
Manual Integrations
APPROVED

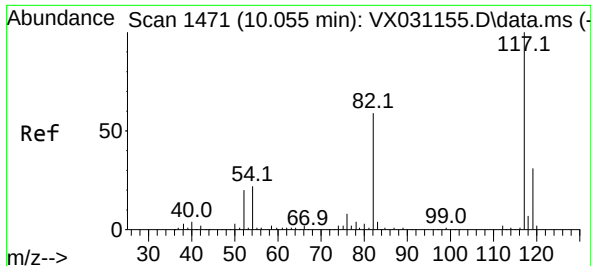
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#62
4-Bromofluorobenzene
Concen: 20.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

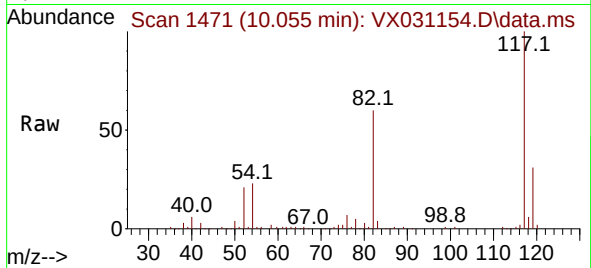
Tgt Ion: 95 Resp: 28146
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.0
176 69.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

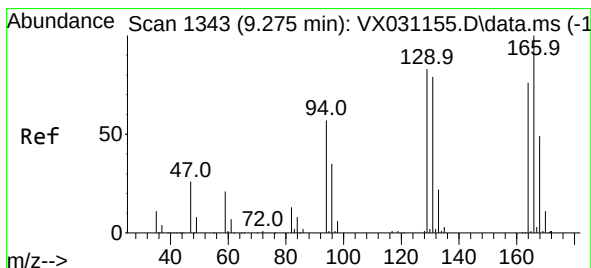
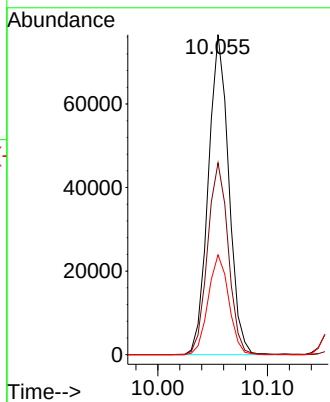
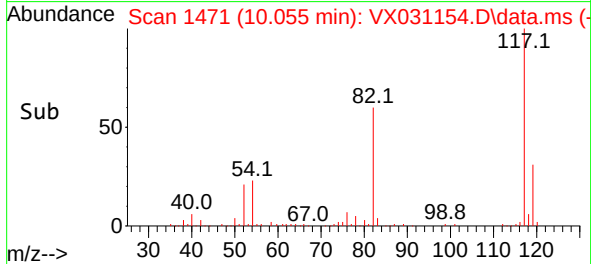
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 99314
Ion Ratio Lower Upper
117 100
82 59.9 42.7 64.1
119 31.2 25.4 38.2

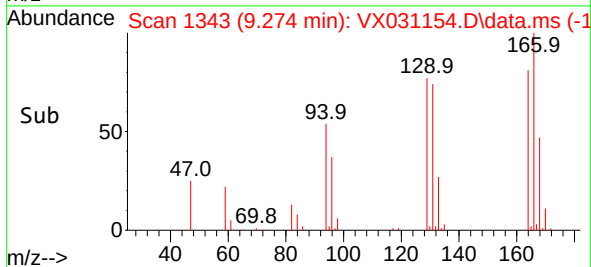
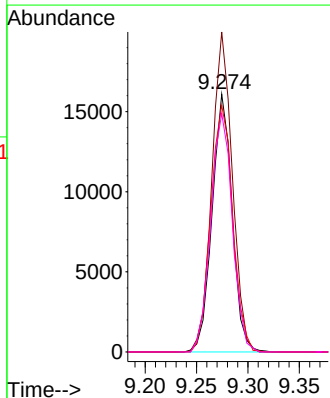
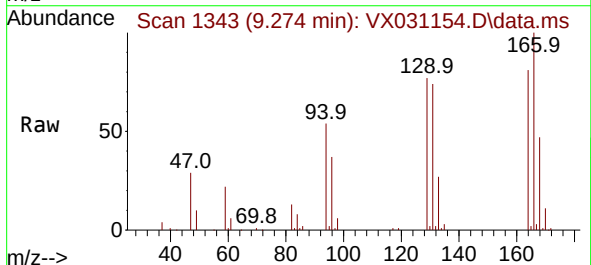
Manual Integrations
APPROVED

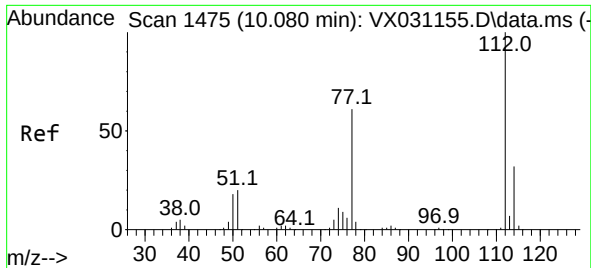
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#64
Tetrachloroethene
Concen: 20.991 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion:164 Resp: 21702
Ion Ratio Lower Upper
164 100
166 124.1 98.2 147.4
129 95.7 80.8 121.2
131 92.5 75.5 113.3





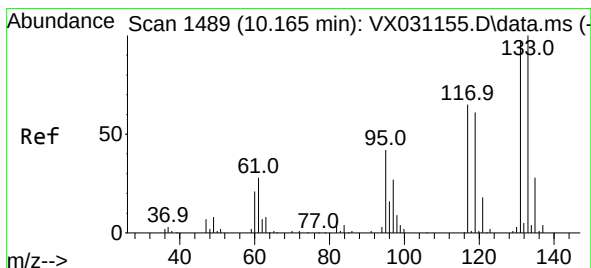
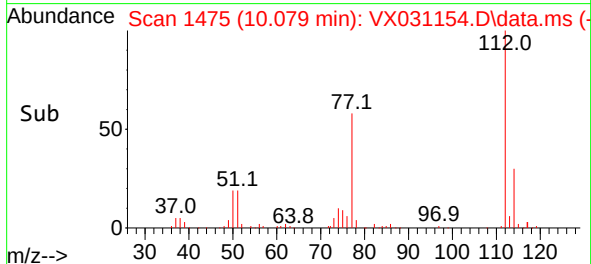
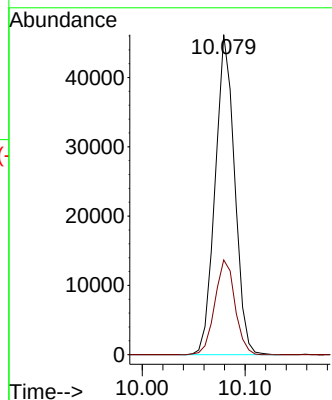
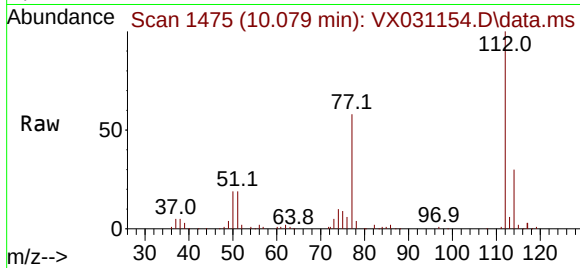
#65
Chlorobenzene
Concen: 20.693 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 60508
Ion Ratio Lower Upper
112 100
114 29.6 24.6 36.8

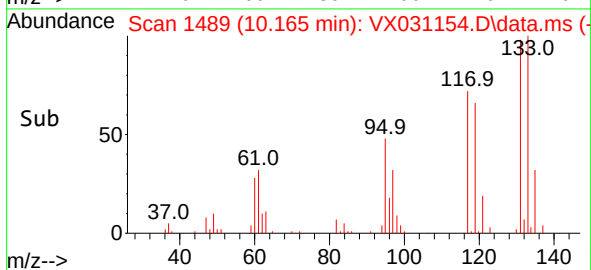
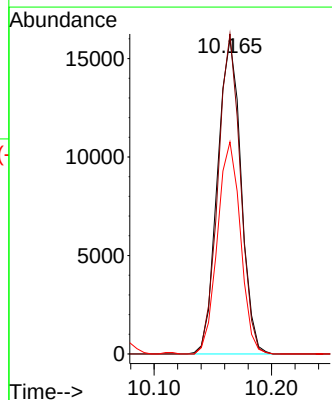
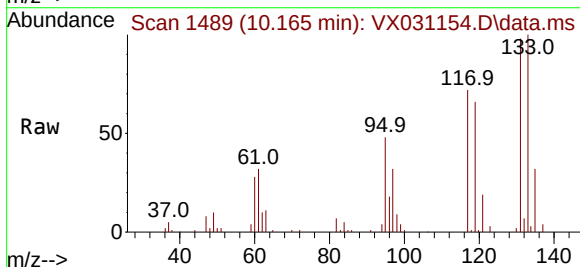
Manual Integrations
APPROVED

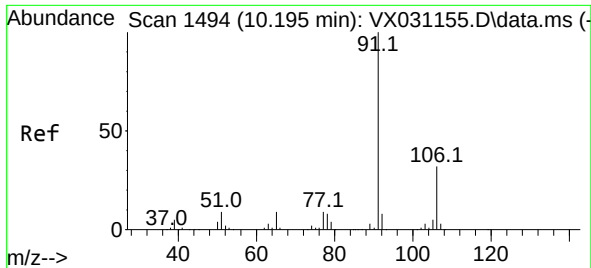
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.532 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion:131 Resp: 22308
Ion Ratio Lower Upper
131 100
133 96.4 46.9 140.8
119 65.7 34.4 103.1





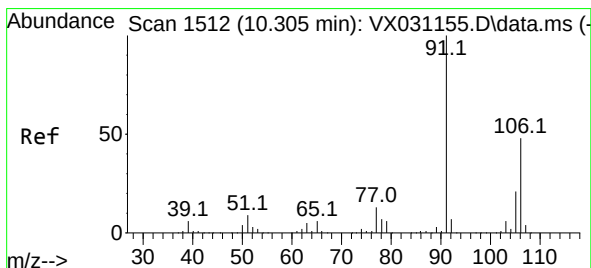
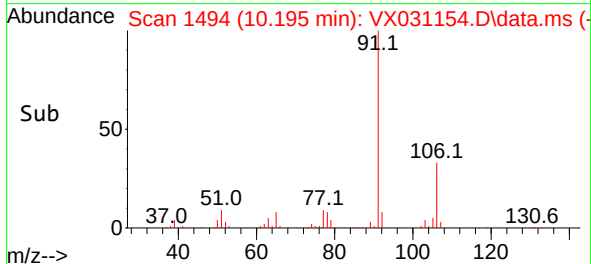
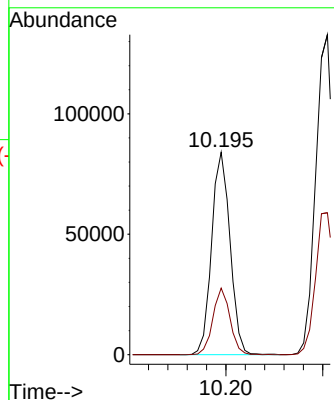
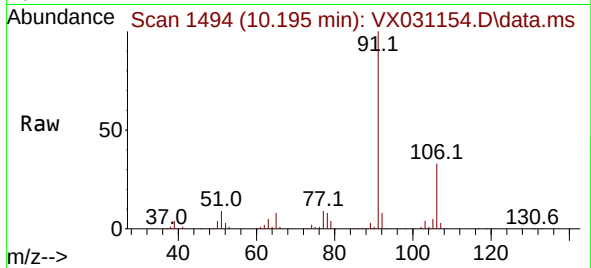
#67
Ethyl Benzene
Concen: 20.989 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 11122
Ion Ratio Lower Upper
91 100
106 32.9 25.5 38.3

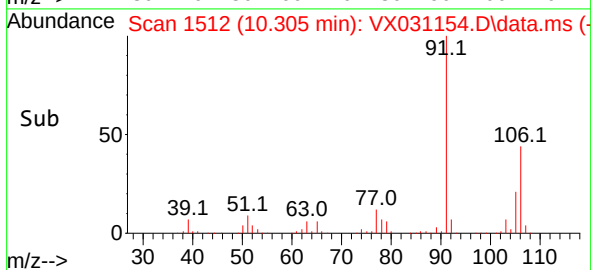
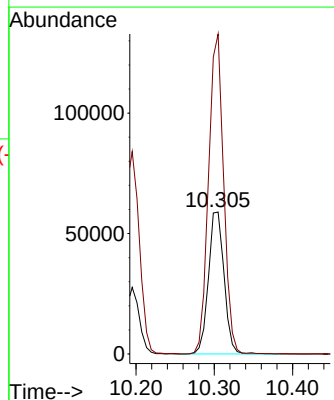
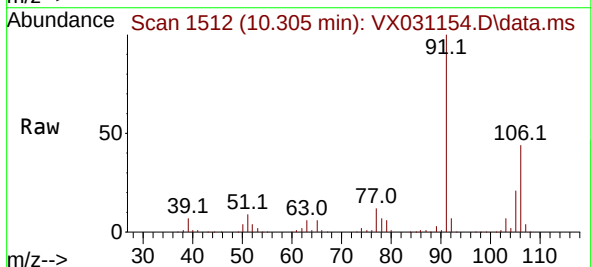
Manual Integrations
APPROVED

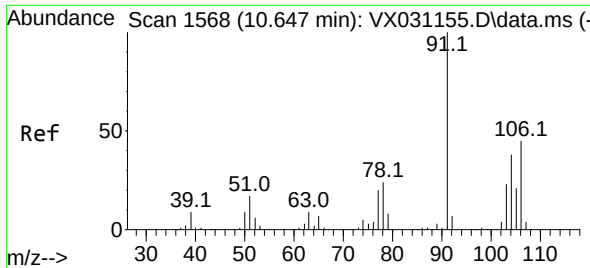
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#68
m/p-Xylenes
Concen: 41.429 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion:106 Resp: 81379
Ion Ratio Lower Upper
106 100
91 218.2 158.2 237.4





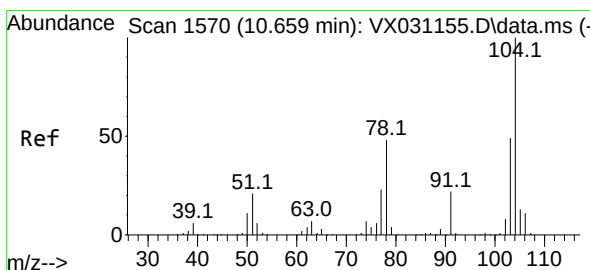
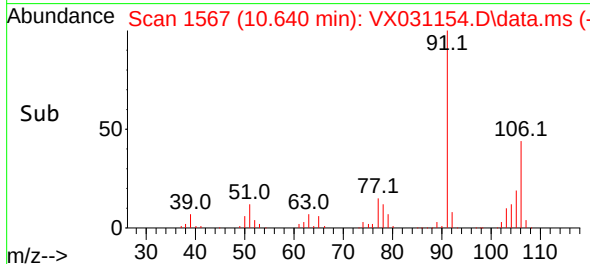
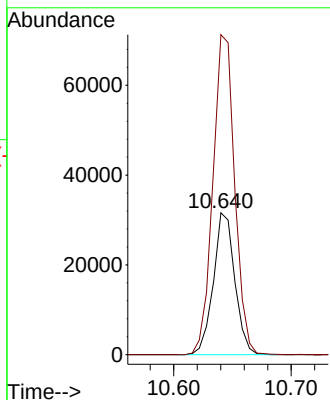
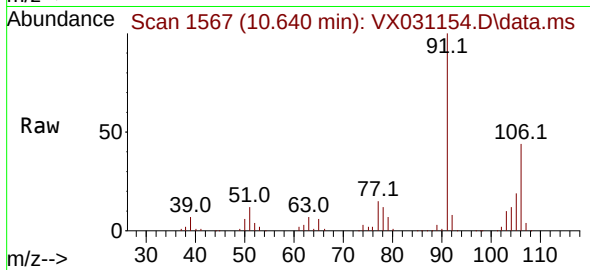
#69
o-Xylene
Concen: 20.394 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 3998
Ion Ratio Lower Upper
106 100
91 230.0 103.8 311.6

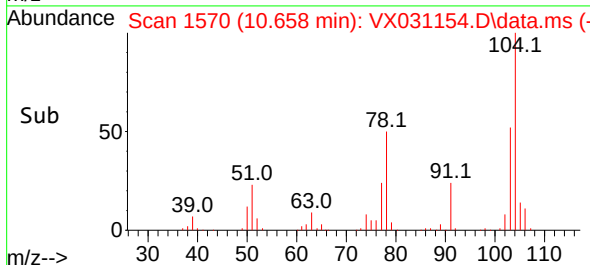
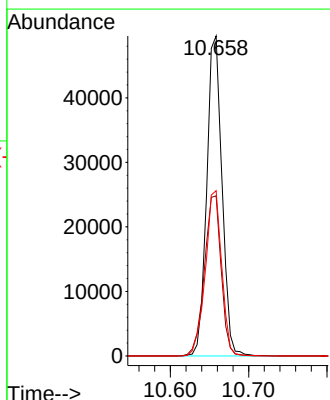
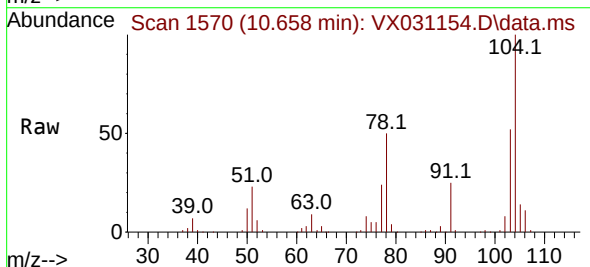
Manual Integrations
APPROVED

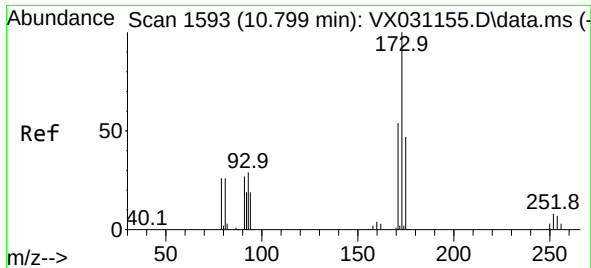
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#70
Styrene
Concen: 21.277 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

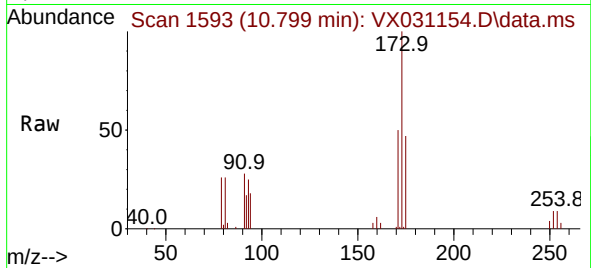
Tgt Ion:104 Resp: 66889
Ion Ratio Lower Upper
104 100
78 55.2 37.8 56.8
103 55.4 44.5 66.7





#71
Bromoform
Concen: 20.922 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

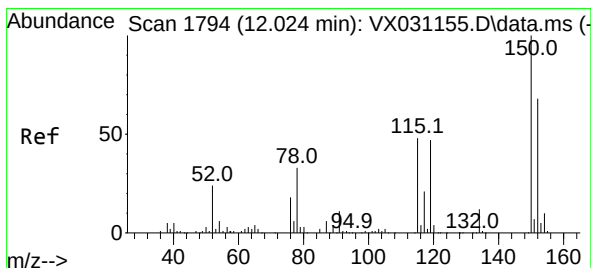
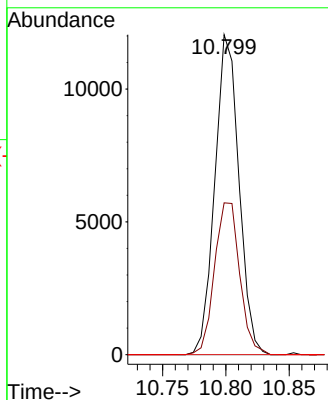
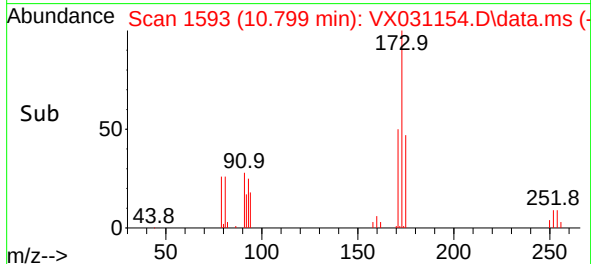
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 1592
Ion Ratio Lower Upper
173 100
175 49.8 23.8 71.2
254 0.0 0.1 0.1

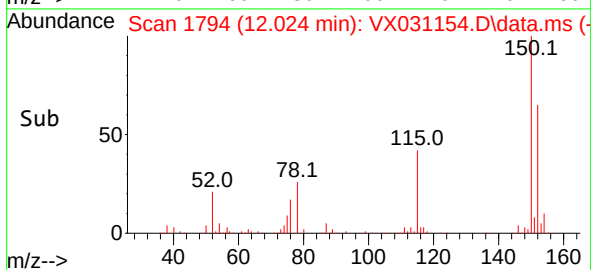
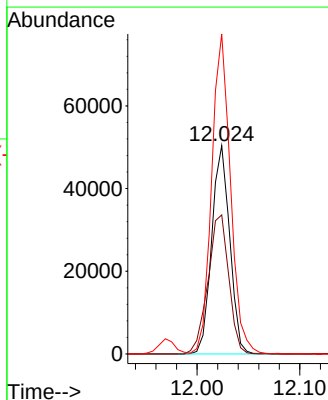
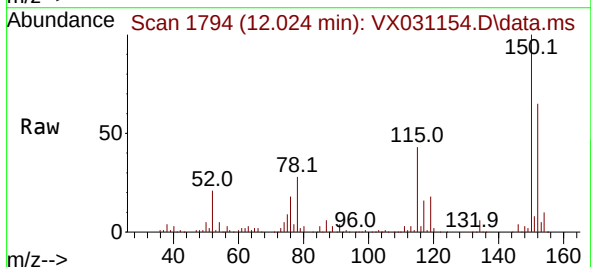
Manual Integrations
APPROVED

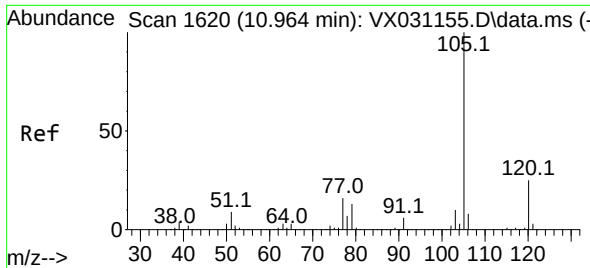
Reviewed By :John Carbone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

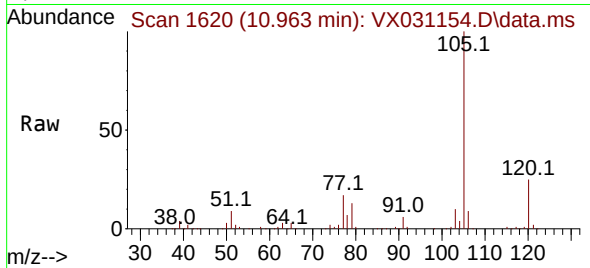
Tgt Ion:152 Resp: 61314
Ion Ratio Lower Upper
152 100
115 77.2 40.5 121.5
150 160.4 0.0 347.0





#73
Isopropylbenzene
Concen: 20.398 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

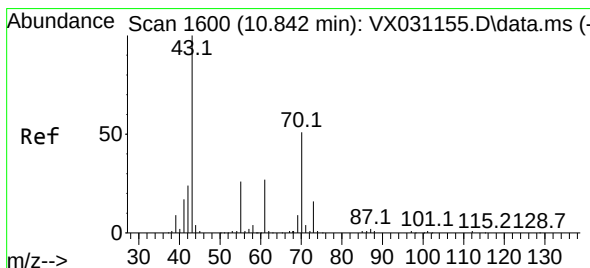
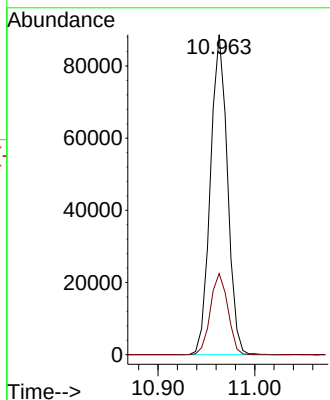
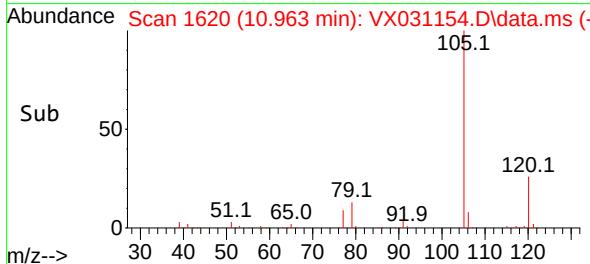
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



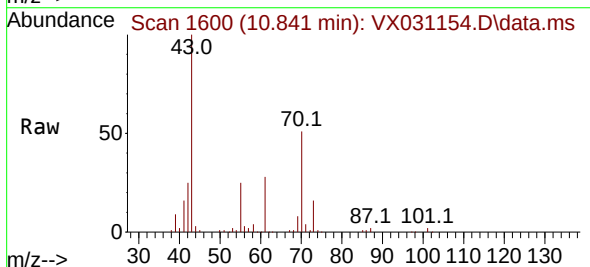
Tgt Ion:105 Resp: 108602
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

Manual Integrations
APPROVED

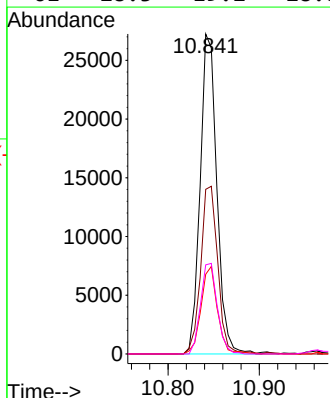
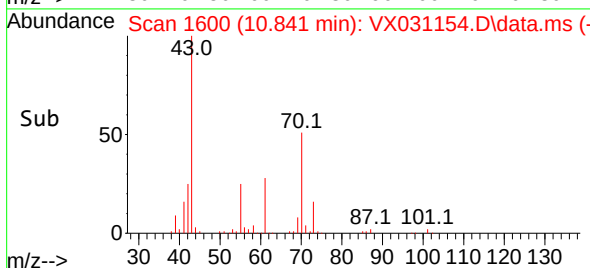
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

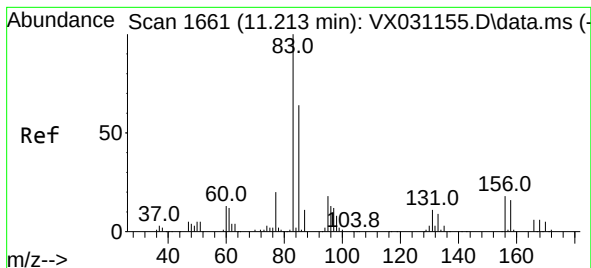


#74
N-ethyl acetate
Concen: 20.400 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



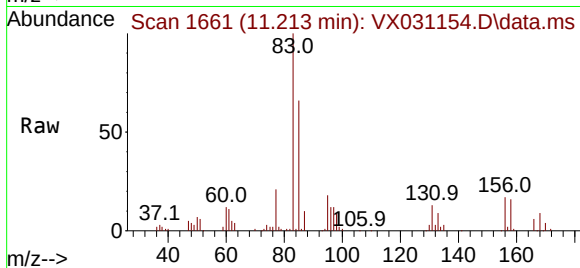
Tgt Ion: 43 Resp: 34579
Ion Ratio Lower Upper
43 100
70 53.3 32.3 48.5#
55 26.9 18.4 27.6
61 28.3 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.097 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

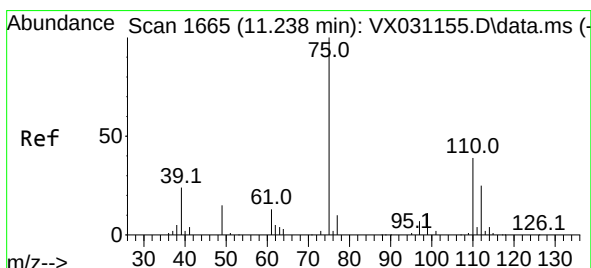
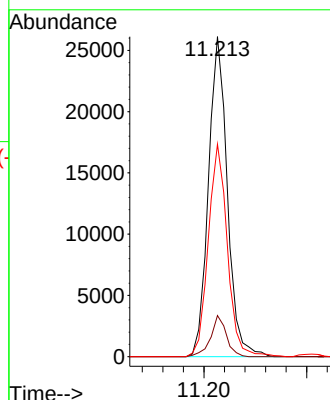
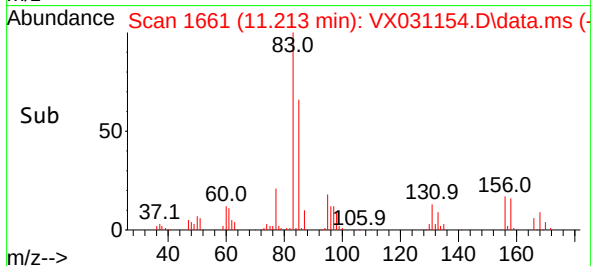
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



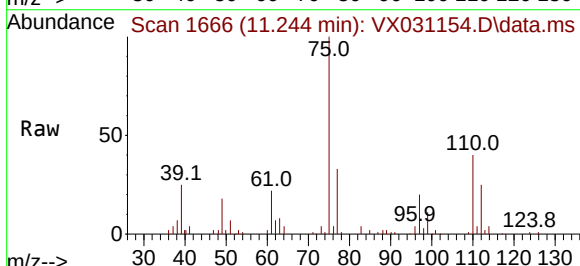
Tgt Ion: 83 Resp: 3340
Ion Ratio Lower Upper
83 100
131 10.8 4.5 13.7
85 67.0 32.5 97.5

Manual Integrations
APPROVED

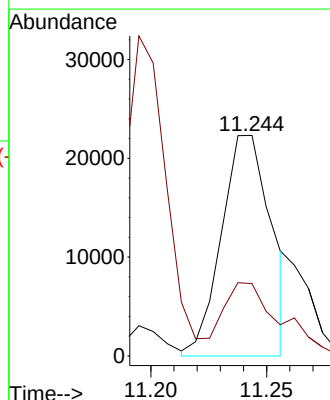
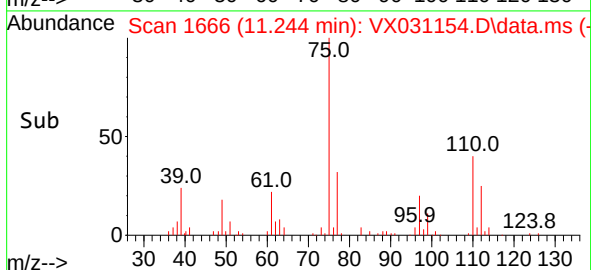
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

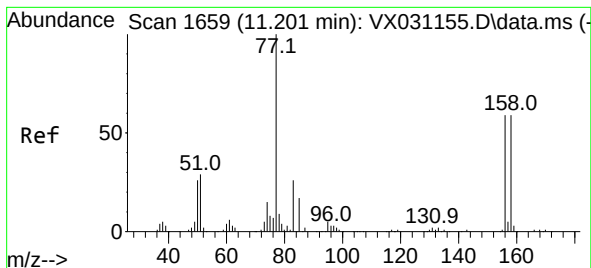


#76
1,2,3-Trichloropropane
Concen: 17.484 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



Tgt Ion: 75 Resp: 33340
Ion Ratio Lower Upper
75 100
77 39.4 19.8 59.3





#77

Bromobenzene

Concen: 20.122 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

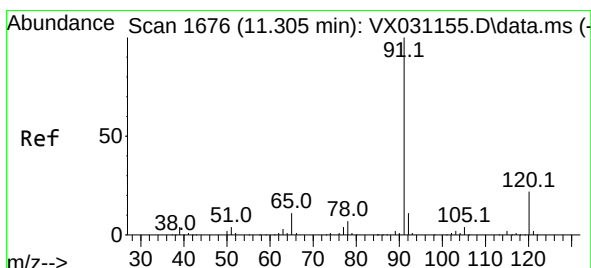
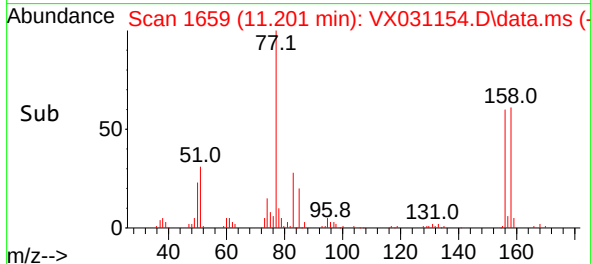
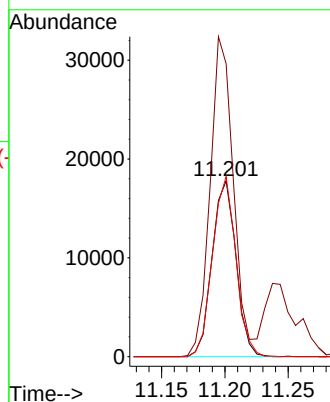
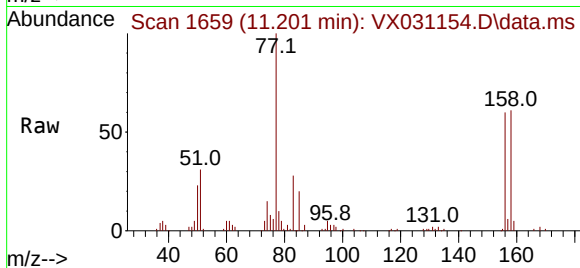
Tgt Ion:	156	Resp:	2328
Ion Ratio	Lower	Upper	
156	100		
77	176.3	82.7	247.9
158	100.7	47.5	142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#78

n-propylbenzene

Concen: 20.805 ug/l

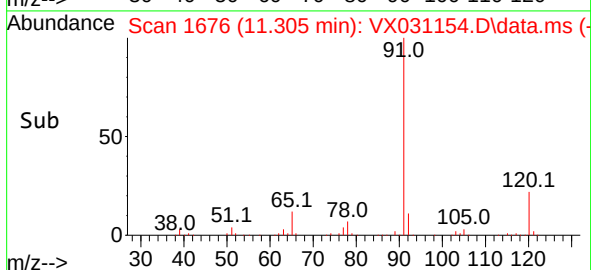
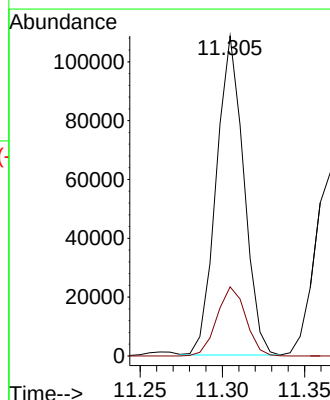
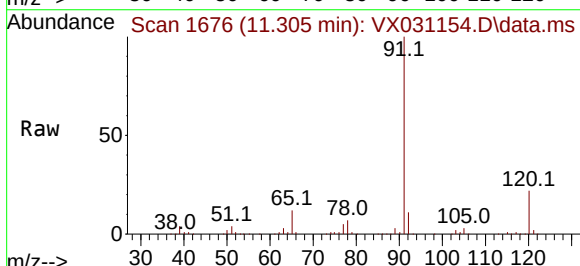
RT: 11.305 min Scan# 1676

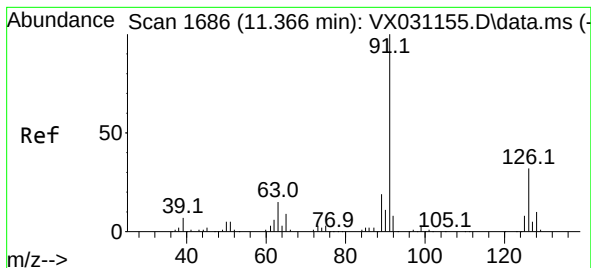
Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Tgt Ion:	91	Resp:	126268
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.809 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 7824

Ion Ratio Lower Upper

91 100

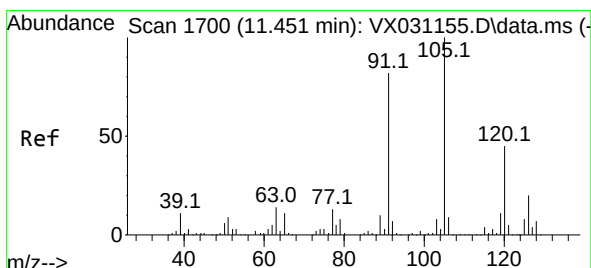
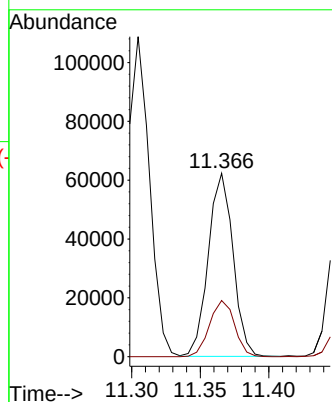
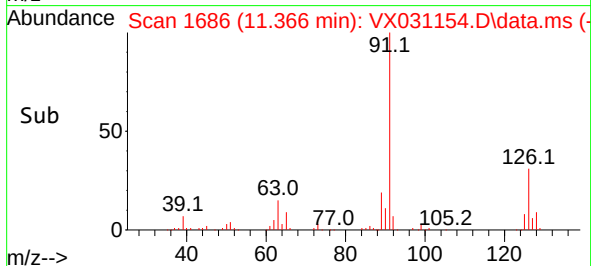
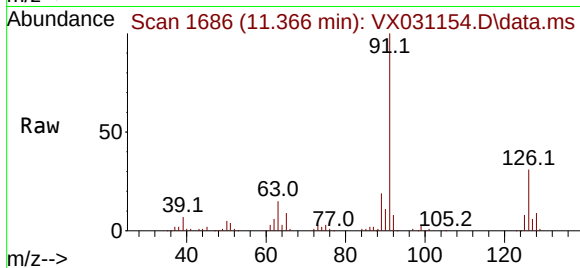
126 31.0 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.526 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX031154.D

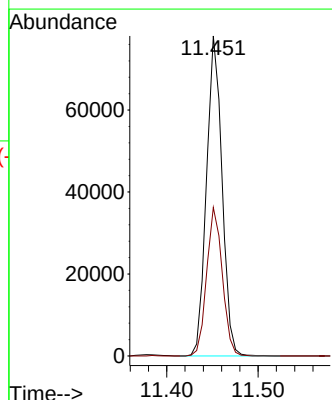
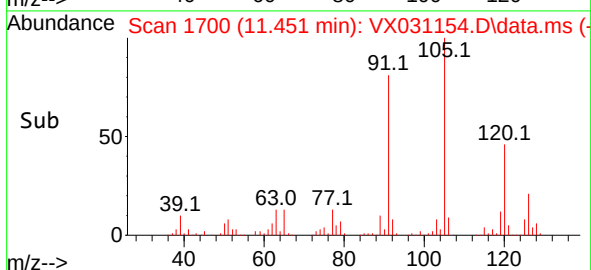
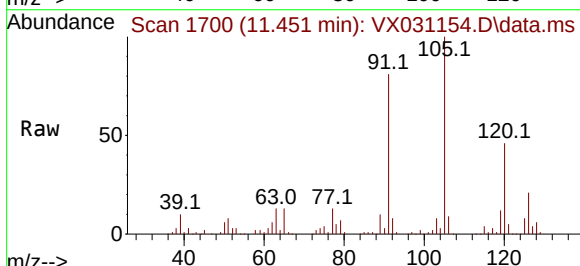
Acq: 07 Sep 2022 12:38

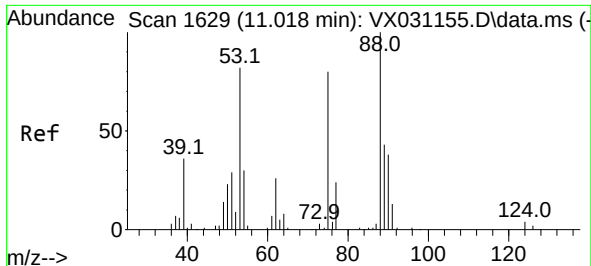
Tgt Ion:105 Resp: 91875

Ion Ratio Lower Upper

105 100

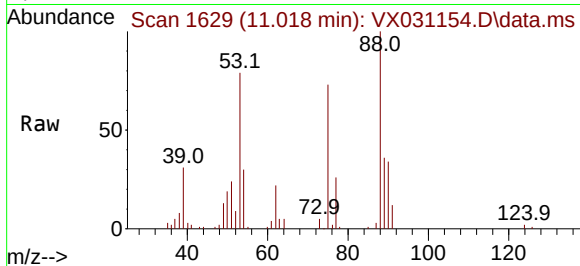
120 46.7 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.559 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

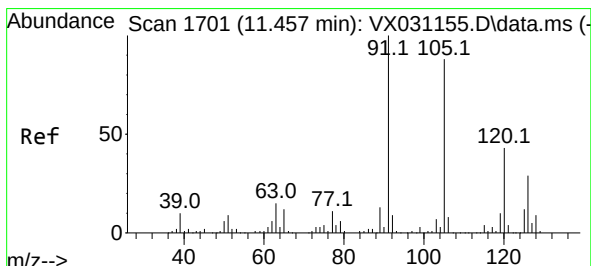
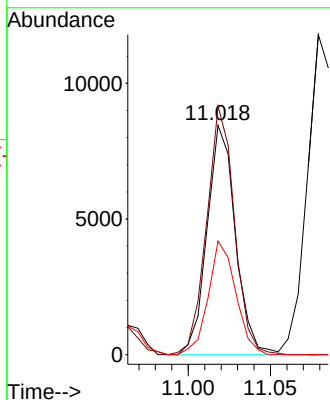
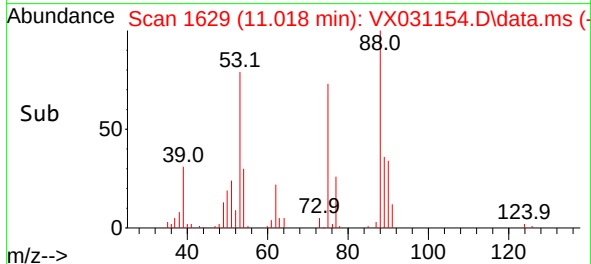
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



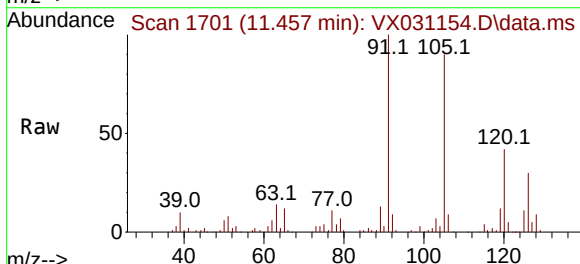
Tgt Ion: 75 Resp: 10149
Ion Ratio Lower Upper
75 100
53 106.0 74.2 111.4
89 48.0 34.8 52.2

Manual Integrations
APPROVED

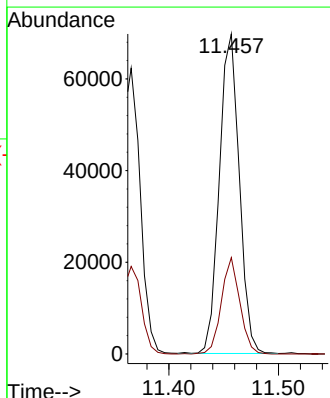
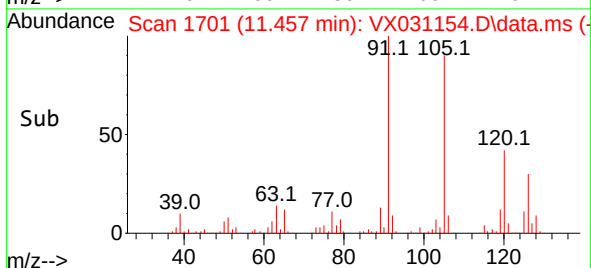
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

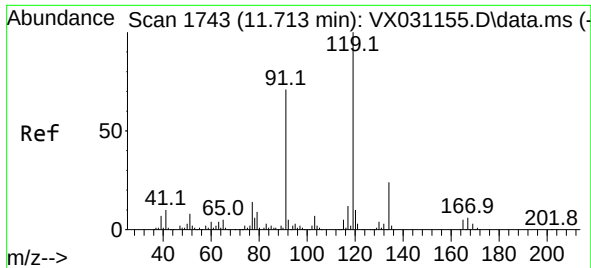


#82
4-Chlorotoluene
Concen: 20.296 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



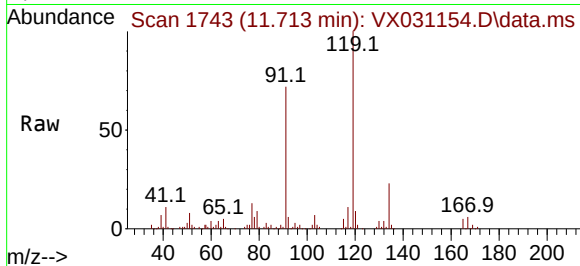
Tgt Ion: 91 Resp: 88293
Ion Ratio Lower Upper
91 100
126 27.9 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.007 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

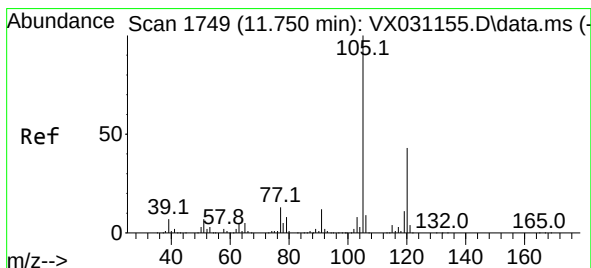
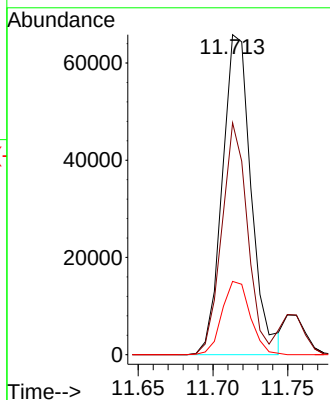
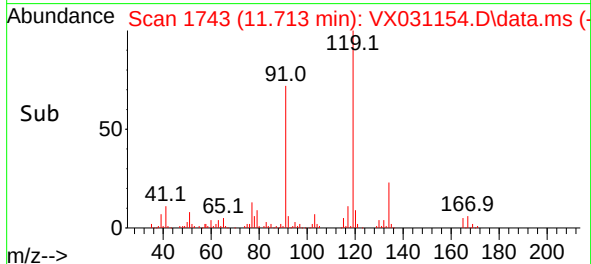
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



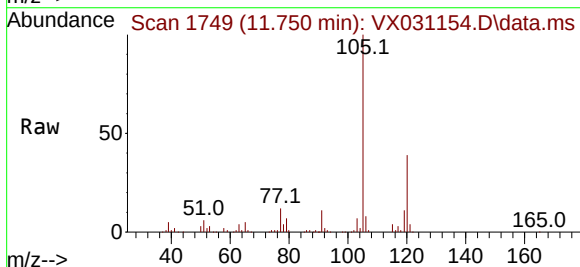
Tgt Ion:119 Resp: 88280
Ion Ratio Lower Upper
119 100
91 64.7 28.3 84.9
134 22.5 11.2 33.5

Manual Integrations
APPROVED

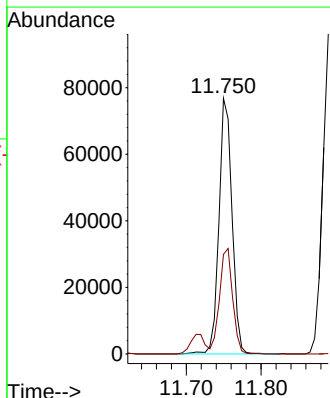
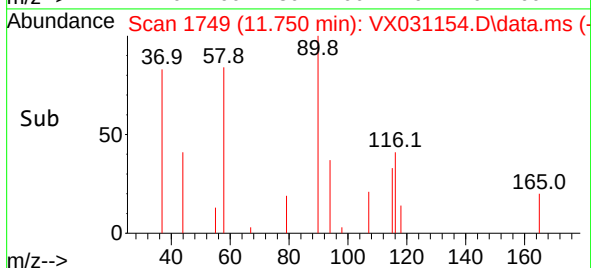
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

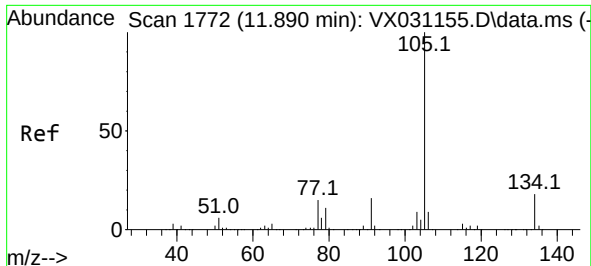


#84
1,2,4-Trimethylbenzene
Concen: 21.443 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



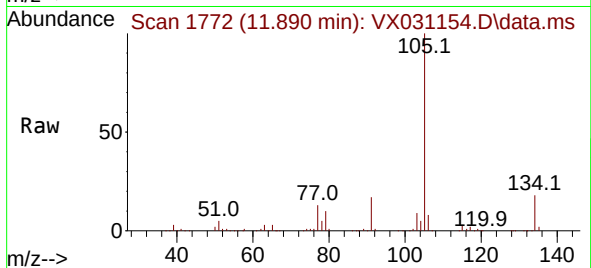
Tgt Ion:105 Resp: 93310
Ion Ratio Lower Upper
105 100
120 41.4 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 20.804 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031154.D
 Acq: 07 Sep 2022 12:38

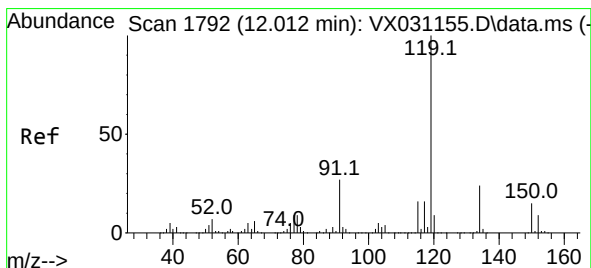
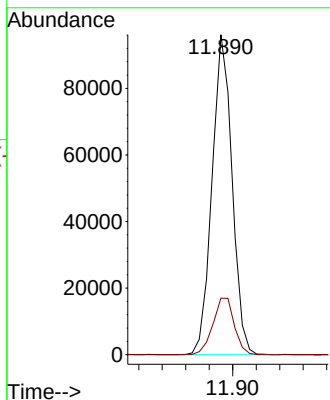
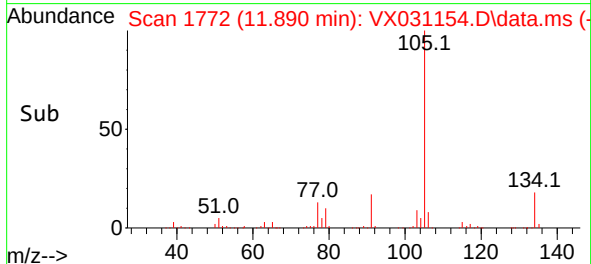
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



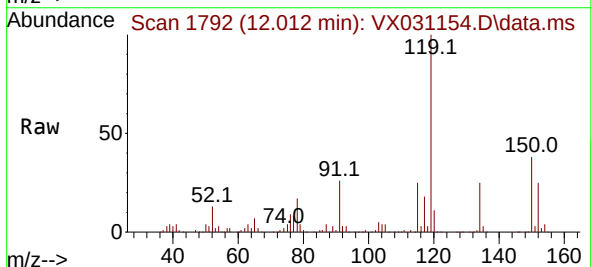
Tgt Ion:105 Resp: 113689
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.0 30.0

Manual Integrations
 APPROVED

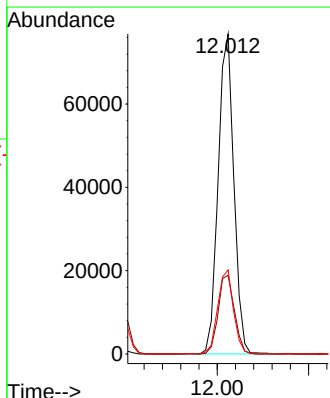
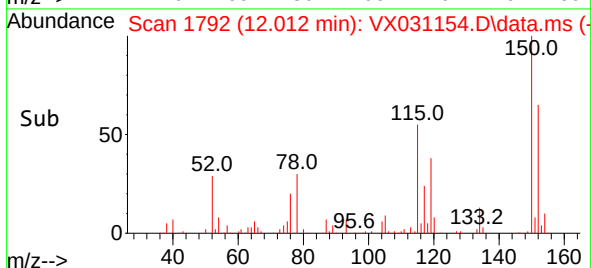
Reviewed By :John Carlone 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

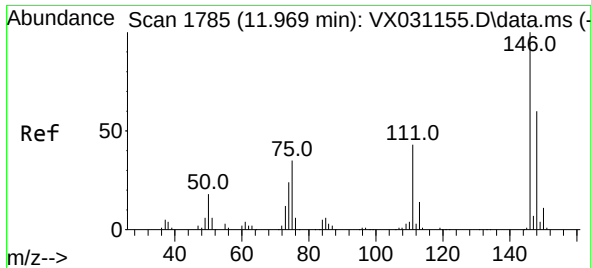


#86
 p-Isopropyltoluene
 Concen: 20.763 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031154.D
 Acq: 07 Sep 2022 12:38



Tgt Ion:119 Resp: 91668
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.9 41.6
 91 26.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.816 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

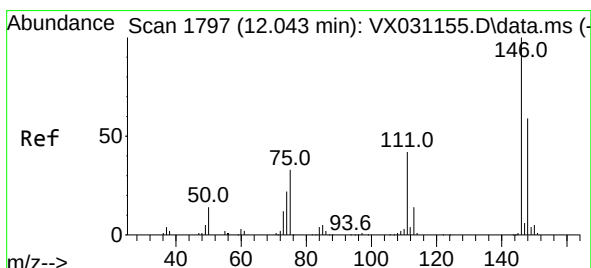
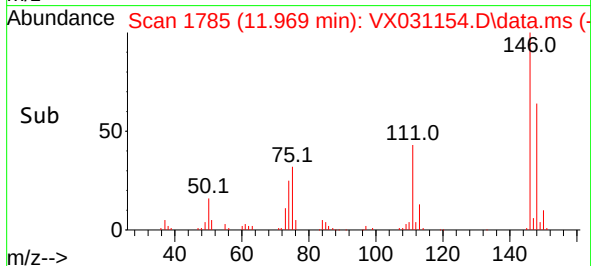
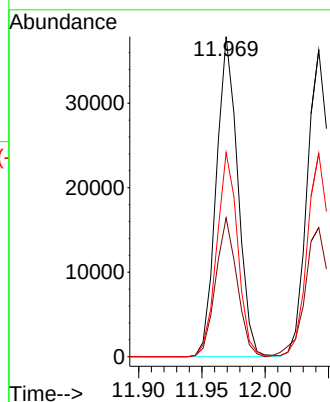
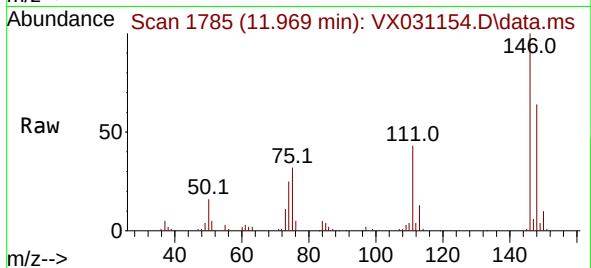
Tgt Ion:146 Resp: 4476
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.3 60.8
 148 62.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#88

1,4-Dichlorobenzene

Concen: 20.488 ug/l

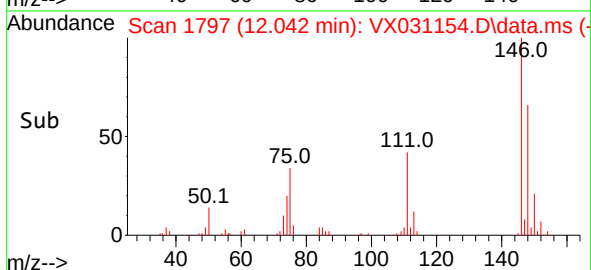
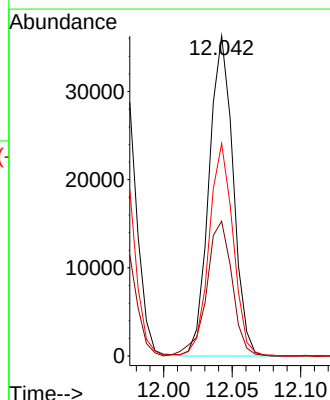
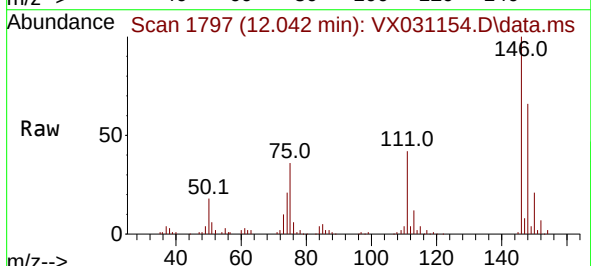
RT: 12.042 min Scan# 1797

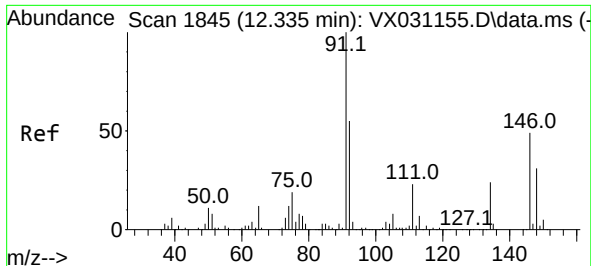
Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Tgt Ion:146 Resp: 44412
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.3 60.9
 148 66.0 32.3 96.8





#89

n-Butylbenzene

Concen: 21.155 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

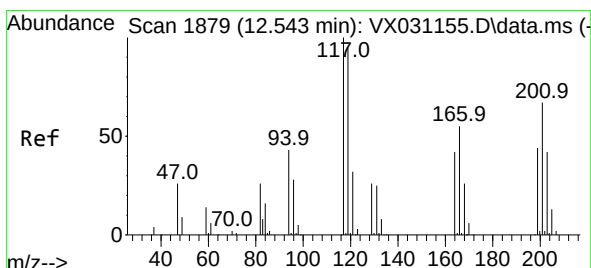
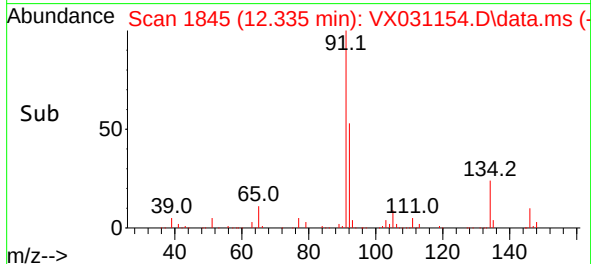
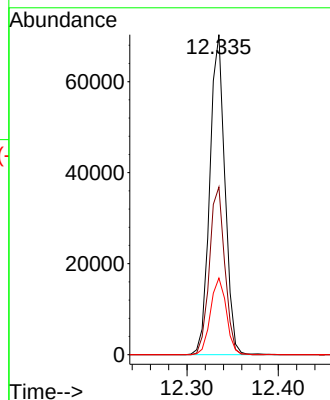
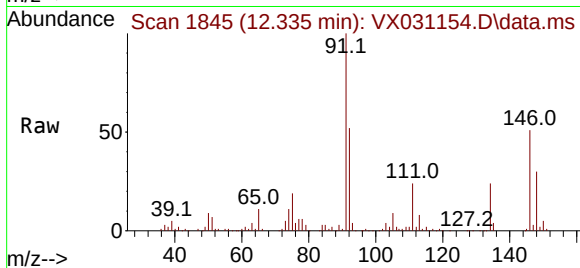
Tgt Ion:	91	Resp:	80520
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.2	78.5
134	25.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#90

Hexachloroethane

Concen: 20.427 ug/l

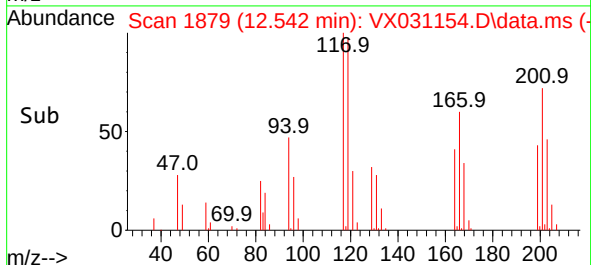
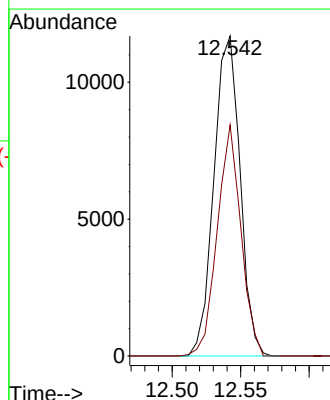
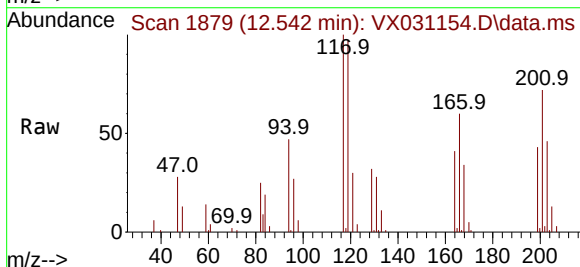
RT: 12.542 min Scan# 1879

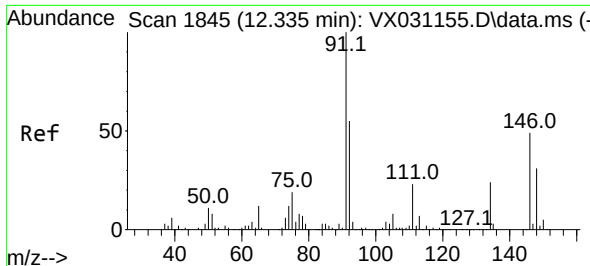
Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

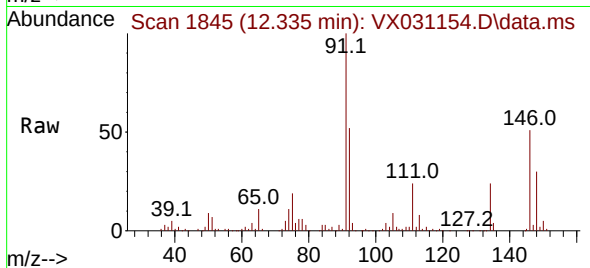
Tgt Ion:	117	Resp:	15495
Ion	Ratio	Lower	Upper
117	100		
201	65.5	34.2	102.5





#91
1,2-Dichlorobenzene
Concen: 20.344 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

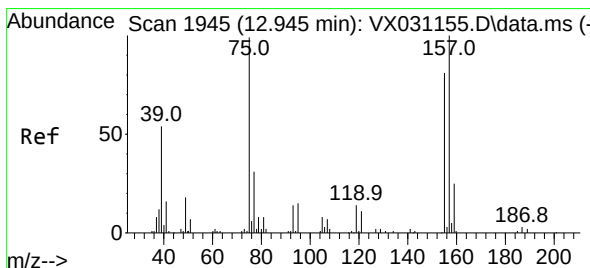
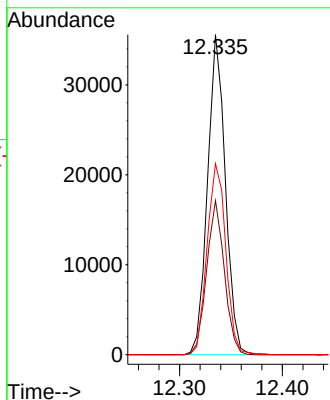
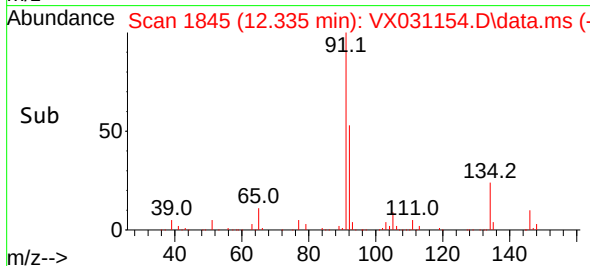
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



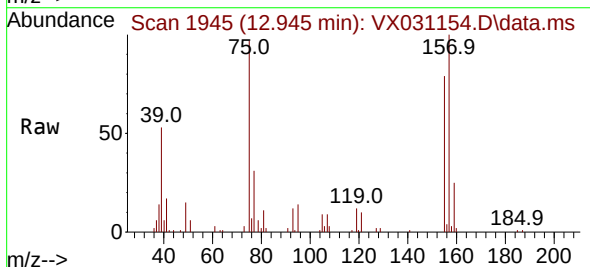
Tgt Ion:146 Resp: 4290
Ion Ratio Lower Upper
146 100
111 47.8 20.7 62.1
148 62.6 32.0 96.2

Manual Integrations
APPROVED

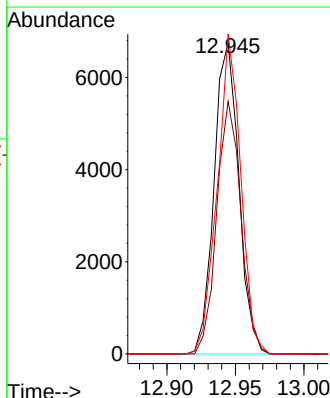
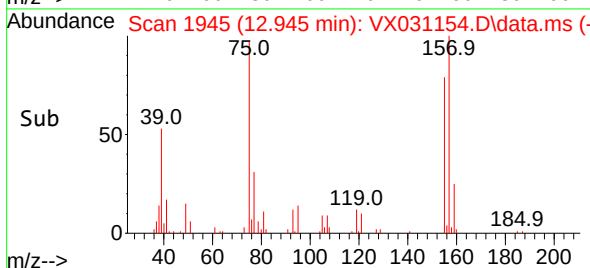
Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

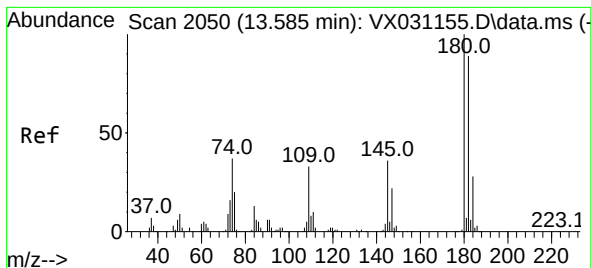


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.573 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38



Tgt Ion: 75 Resp: 8478
Ion Ratio Lower Upper
75 100
155 79.2 45.0 134.8
157 97.4 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 21.519 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

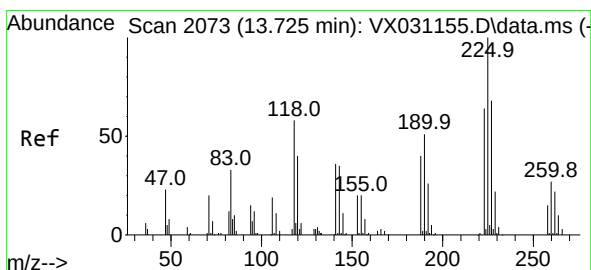
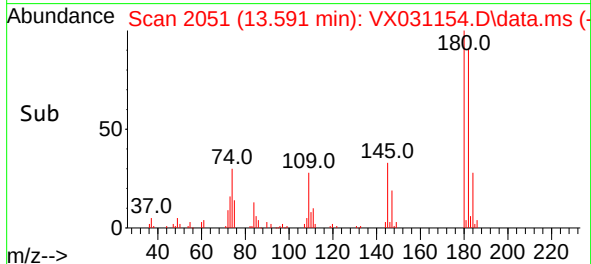
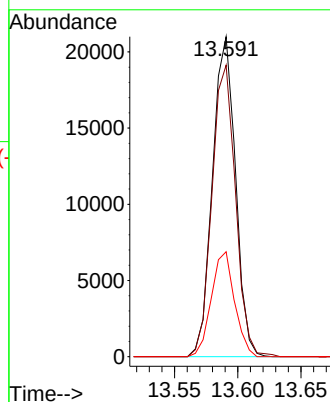
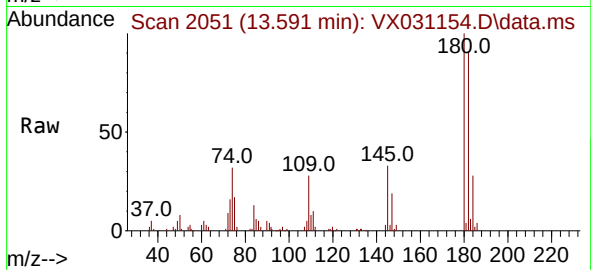
Tgt Ion:180	Resp:	26540
Ion Ratio	Lower	Upper
180	100	
182	93.3	48.2 144.6
145	33.1	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#94

Hexachlorobutadiene

Concen: 20.115 ug/l

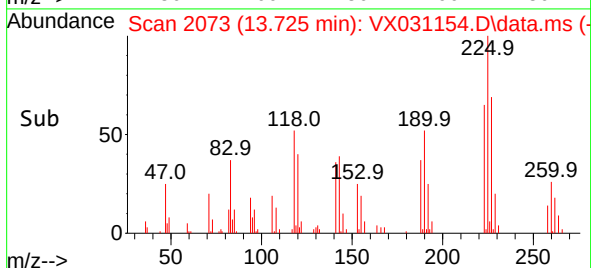
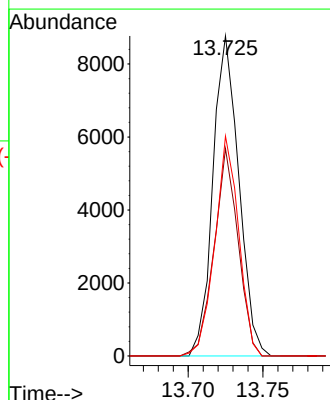
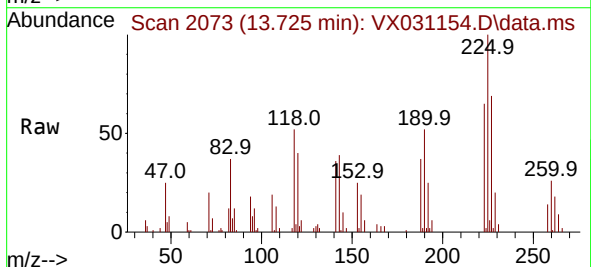
RT: 13.725 min Scan# 2073

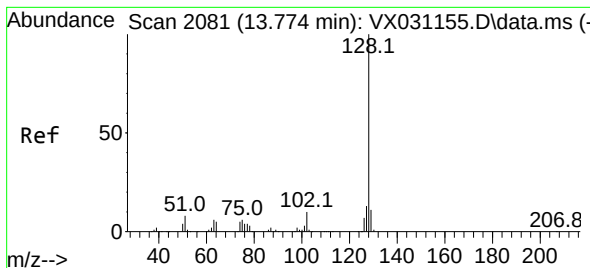
Delta R.T. -0.000 min

Lab File: VX031154.D

Acq: 07 Sep 2022 12:38

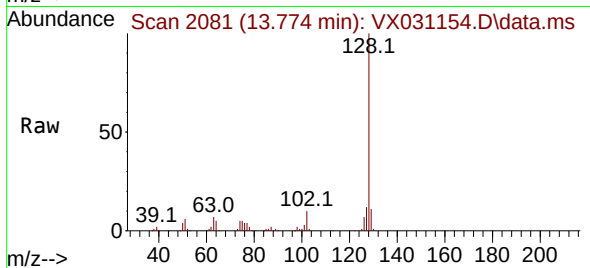
Tgt Ion:225	Resp:	10535
Ion Ratio	Lower	Upper
225	100	
223	60.2	30.6 91.6
227	63.2	31.9 95.9





#95
Naphthalene
Concen: 20.776 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

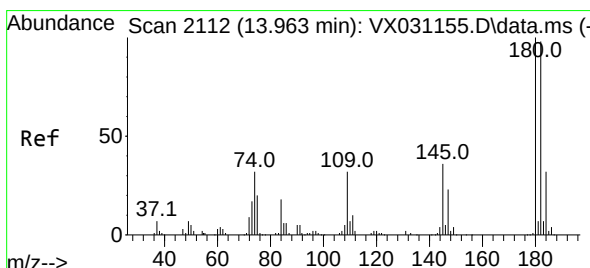
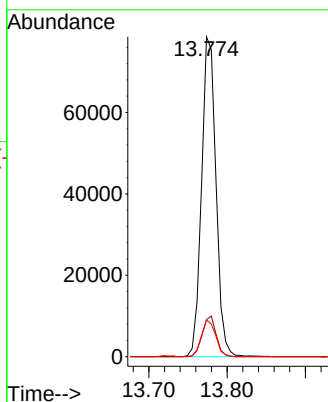
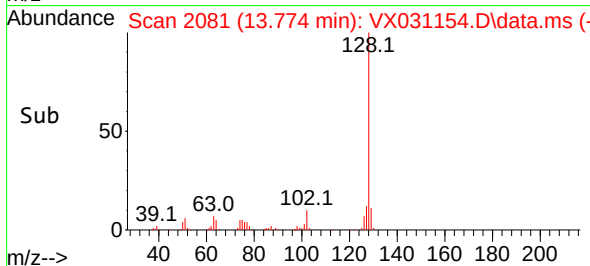
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 100370
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.805 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031154.D
Acq: 07 Sep 2022 12:38

Tgt Ion:180 Resp: 26124
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.0
145 35.4 17.0 50.9

