

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036393.D
 Acq On : 30 Jun 2023 16:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 01 01:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	196889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	339130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	305244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	142070	50.339	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.680%			
35) Dibromofluoromethane	5.379	113	116015	51.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.647	98	411983	49.328	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.660%			
62) 4-Bromofluorobenzene	11.079	95	150600	51.193	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	85953	46.112	ug/l	96
3) Chloromethane	1.294	50	121163	37.471	ug/l	99
4) Vinyl Chloride	1.374	62	187896	53.151	ug/l	100
5) Bromomethane	1.618	94	161785	62.544	ug/l	99
6) Chloroethane	1.691	64	123688	47.660	ug/l	97
7) Trichlorofluoromethane	1.886	101	235932	43.898	ug/l	98
8) Diethyl Ether	2.130	74	95065	45.820	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	110124	48.821	ug/l	96
10) Methyl Iodide	2.453	142	127889	46.792	ug/l	92
11) Tert butyl alcohol	2.995	59	143442	279.216	ug/l	97
12) 1,1-Dichloroethene	2.319	96	104094	46.521	ug/l	88
13) Acrolein	2.239	56	135447	191.976	ug/l	100
14) Allyl chloride	2.660	41	176059	48.416	ug/l	96
15) Acrylonitrile	3.068	53	308899	237.220	ug/l	98
16) Acetone	2.392	43	272079	225.545	ug/l	95
17) Carbon Disulfide	2.508	76	225482	41.031	ug/l	98
18) Methyl Acetate	2.703	43	246357	49.662	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	371745	51.408	ug/l	99
20) Methylene Chloride	2.788	84	120453	46.375	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	109628	45.913	ug/l	93
22) Diisopropyl ether	3.757	45	369421	50.699	ug/l #	84
23) Vinyl Acetate	3.721	43	1359715	257.140	ug/l	97
24) 1,1-Dichloroethane	3.605	63	211675	49.293	ug/l	99
25) 2-Butanone	4.556	43	426571	246.112	ug/l	96
26) 2,2-Dichloropropane	4.471	77	167595	55.029	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	133887	49.998	ug/l	93
28) Bromochloromethane	4.897	49	100392	45.078	ug/l	87
29) Tetrahydrofuran	5.001	42	269383	244.120	ug/l	94
30) Chloroform	5.086	83	223101	51.582	ug/l	97
31) Cyclohexane	5.464	56	163687	45.259	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	187708	51.956	ug/l	99
36) 1,1-Dichloropropene	5.684	75	153987	46.197	ug/l	97
37) Ethyl Acetate	4.708	43	170673	50.238	ug/l	99
38) Carbon Tetrachloride	5.672	117	159492	52.390	ug/l	98
39) Methylcyclohexane	7.379	83	183098	45.862	ug/l	94
40) Benzene	6.031	78	459214	49.318	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	94964	50.389	ug/l	94
42) 1,2-Dichloroethane	6.080	62	177507	50.120	ug/l	99
43) Isopropyl Acetate	6.330	43	280381	51.735	ug/l	97
44) Trichloroethene	7.117	130	126838	48.974	ug/l	94
45) 1,2-Dichloropropane	7.427	63	127008	50.083	ug/l	100
46) Dibromomethane	7.574	93	90357	50.617	ug/l	95
47) Bromodichloromethane	7.818	83	173680	53.802	ug/l	97
48) Methyl methacrylate	7.690	41	137902	51.033	ug/l	91
49) 1,4-Dioxane	7.696	88	64979	1084.708	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	889938	254.876	ug/l	98
52) Toluene	8.714	92	286027	48.471	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	185052	56.749	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	200707	54.448	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	124805	50.890	ug/l	93
56) Ethyl methacrylate	9.116	69	194513	53.027	ug/l	96
57) 1,3-Dichloropropane	9.305	76	209492	49.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	511497	248.121	ug/l	100
59) 2-Hexanone	9.427	43	669100	262.414	ug/l	97
60) Dibromochloromethane	9.519	129	132773	55.722	ug/l	100
61) 1,2-Dibromoethane	9.604	107	130894	50.293	ug/l	98
64) Tetrachloroethene	9.269	164	108981	50.565	ug/l	98
65) Chlorobenzene	10.079	112	321889	50.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	122901	56.665	ug/l	99
67) Ethyl Benzene	10.189	91	569352	49.910	ug/l	98
68) m/p-Xylenes	10.299	106	438662	98.975	ug/l	96
69) o-Xylene	10.640	106	215635	50.383	ug/l	99
70) Styrene	10.652	104	355363	50.711	ug/l	97
71) Bromoform	10.799	173	93067	59.824	ug/l #	99
73) Isopropylbenzene	10.963	105	562515	51.026	ug/l	98
74) N-amyl acetate	10.841	43	242329	55.574	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	193536	51.842	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	161379m	51.719	ug/l	
77) Bromobenzene	11.195	156	135164	49.863	ug/l	92
78) n-propylbenzene	11.305	91	655586	50.921	ug/l	99
79) 2-Chlorotoluene	11.366	91	382826	49.985	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	476232	51.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58160	60.760	ug/l	90
82) 4-Chlorotoluene	11.451	91	450163	50.486	ug/l	96
83) tert-Butylbenzene	11.713	119	458652	51.261	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	465882	50.440	ug/l	95
85) sec-Butylbenzene	11.890	105	572022	50.465	ug/l	98
86) p-Isopropyltoluene	12.006	119	491867	51.706	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	253773	50.919	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	258575	50.952	ug/l	98
89) n-Butylbenzene	12.329	91	436700	51.583	ug/l	97
90) Hexachloroethane	12.536	117	79818	55.399	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	255733	52.112	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42847	60.426	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	169799	56.175	ug/l	97
94) Hexachlorobutadiene	13.725	225	63034	50.918	ug/l	97
95) Naphthalene	13.774	128	574890	57.570	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	170306	57.760	ug/l	98

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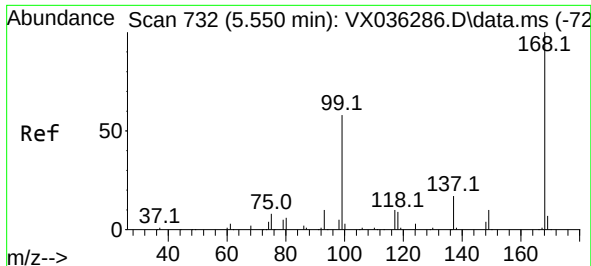
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

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

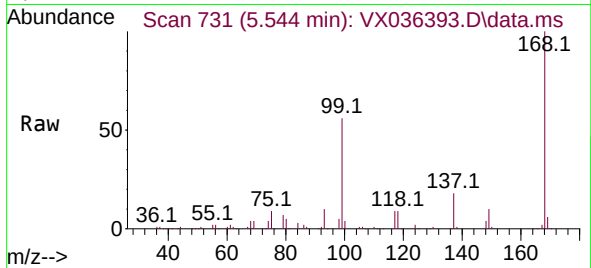
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036393.D
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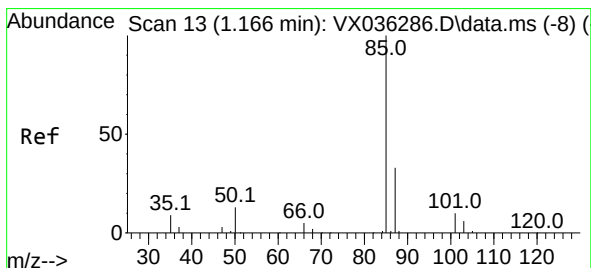
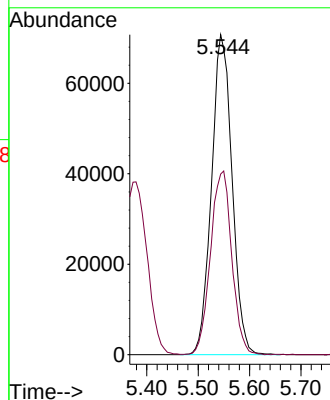
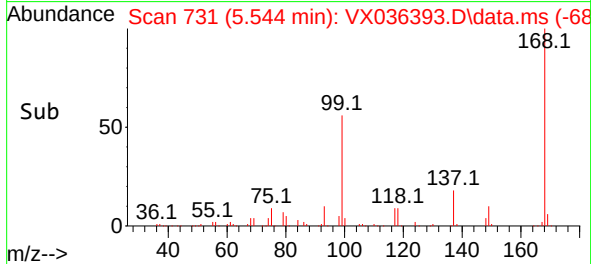
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 196889
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0

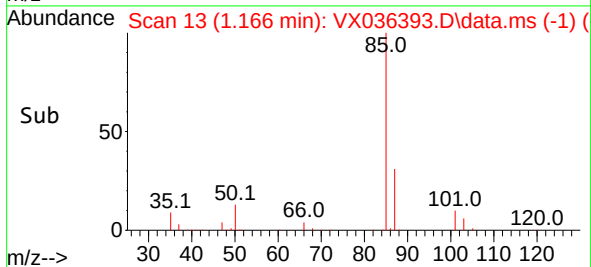
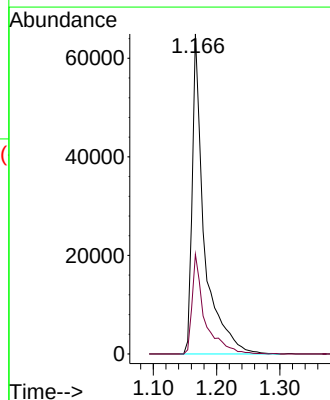
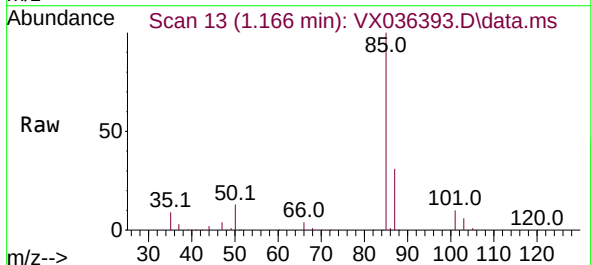
Manual Integrations
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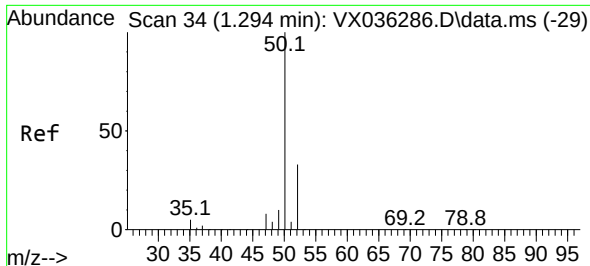
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#2
Dichlorodifluoromethane
Concen: 46.112 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

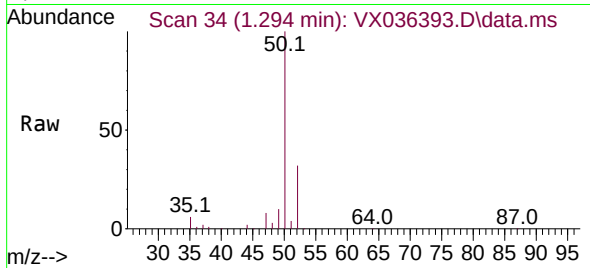
Tgt Ion: 85 Resp: 85953
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3
Chloromethane
Concen: 37.471 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

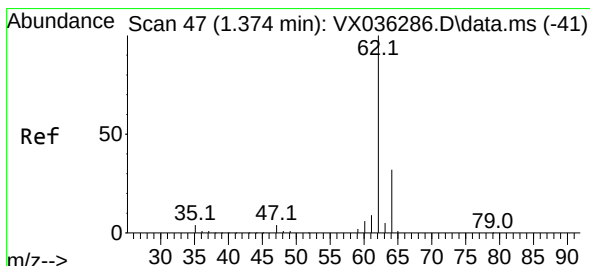
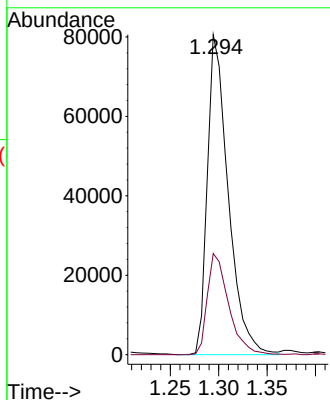
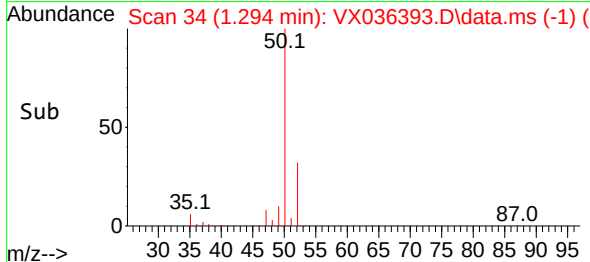
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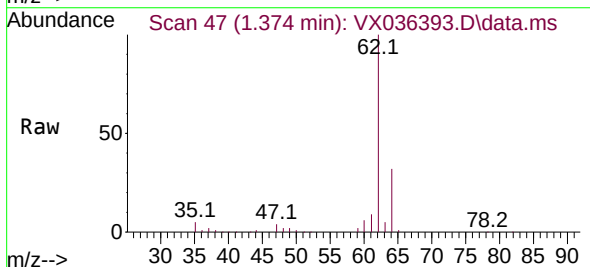
Tgt Ion: 50 Resp: 12116
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3

Manual Integrations
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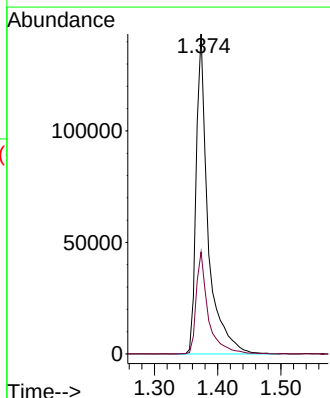
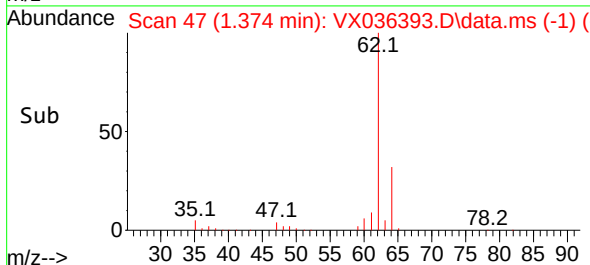
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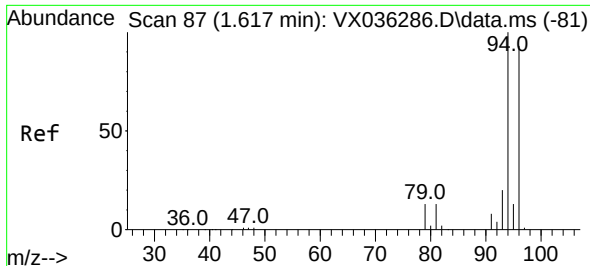


#4
Vinyl Chloride
Concen: 53.151 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



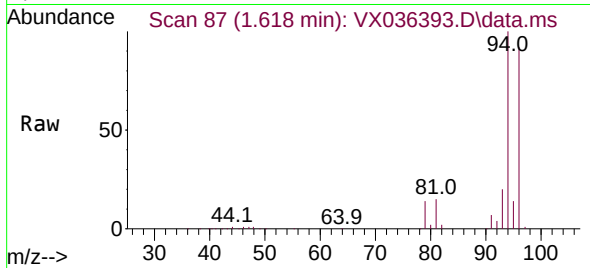
Tgt Ion: 62 Resp: 187896
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 62.544 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

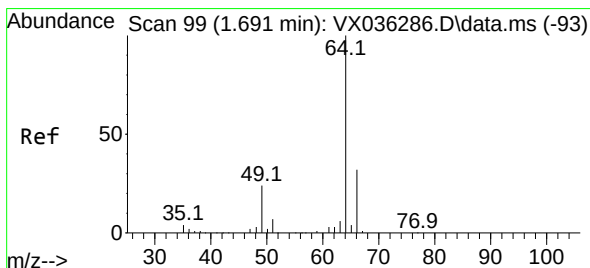
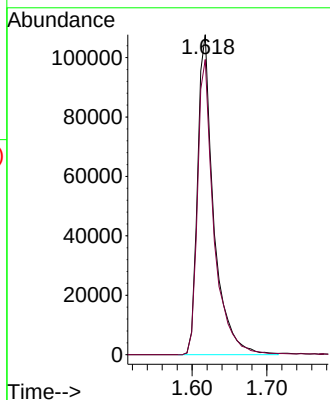
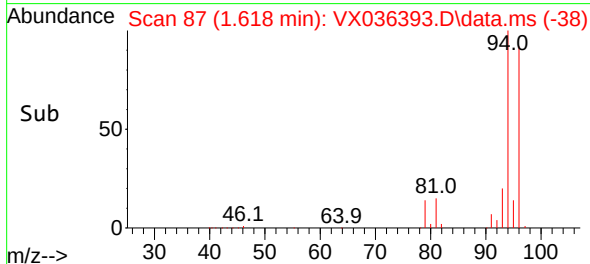
Instrument :
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Tgt Ion: 94 Resp: 161785
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8

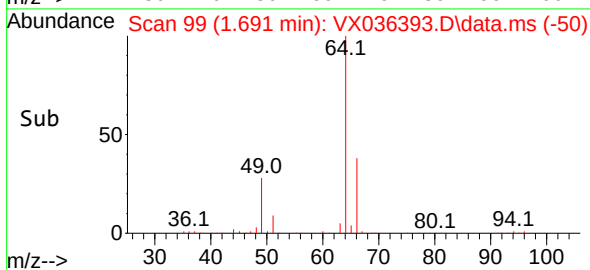
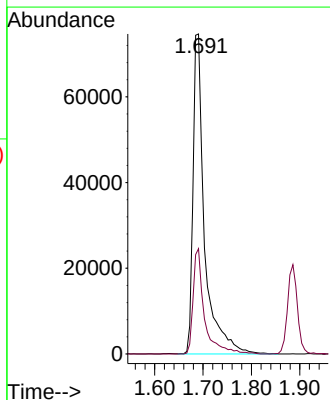
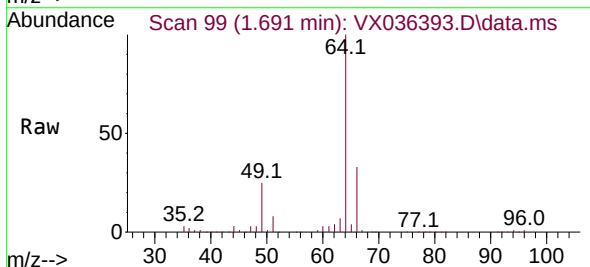
Manual Integrations
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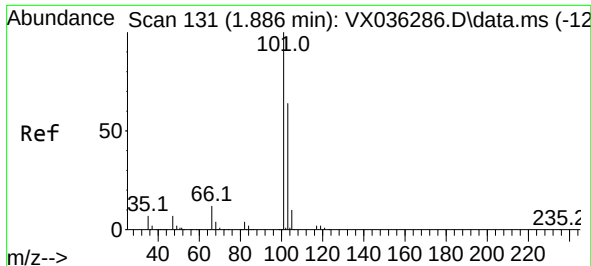
Reviewed By :John Carlone 07/06/2023
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#6
Chloroethane
Concen: 47.660 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

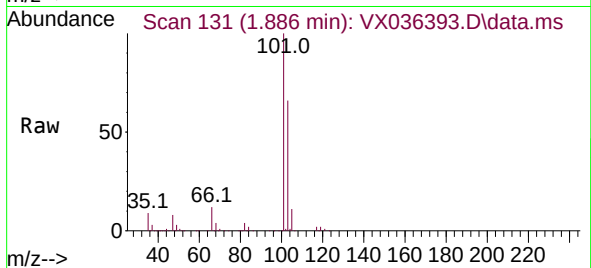
Tgt Ion: 64 Resp: 123688
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 43.898 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

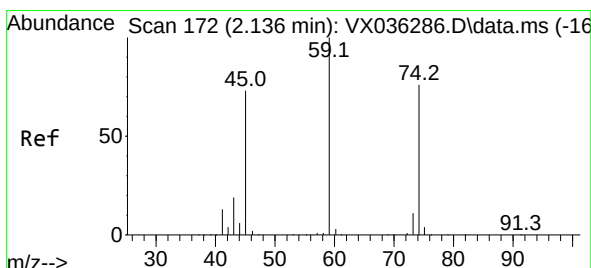
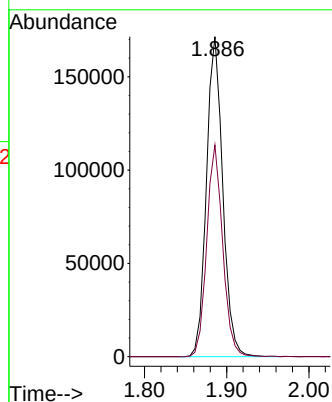
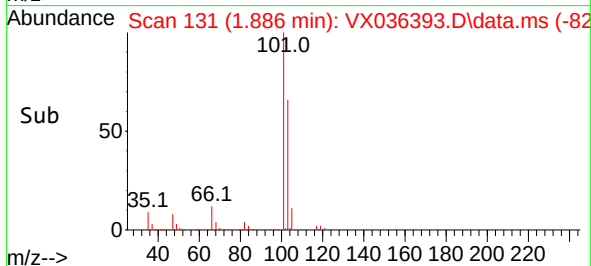
Instrument :
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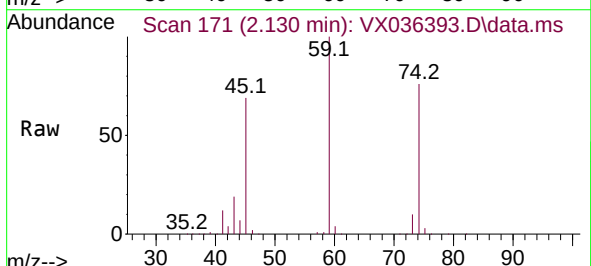
Tgt Ion:101 Resp: 235932
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

Manual Integrations
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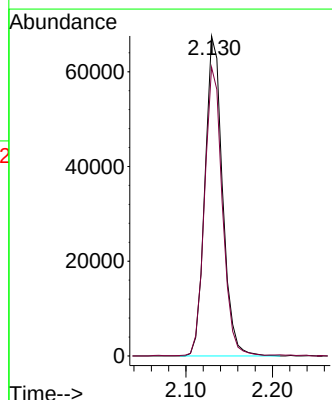
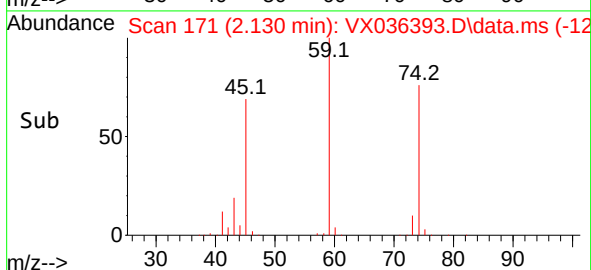
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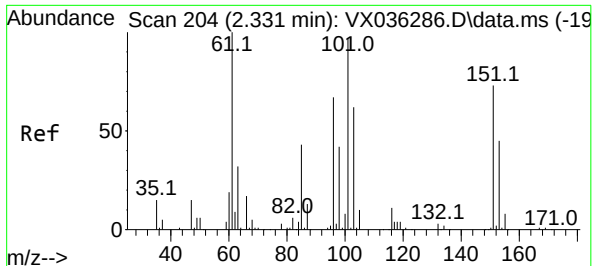


#8
Diethyl Ether
Concen: 45.820 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



Tgt Ion: 74 Resp: 95065
Ion Ratio Lower Upper
74 100
45 91.2 53.3 159.8





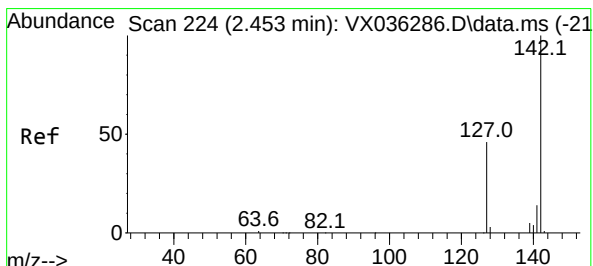
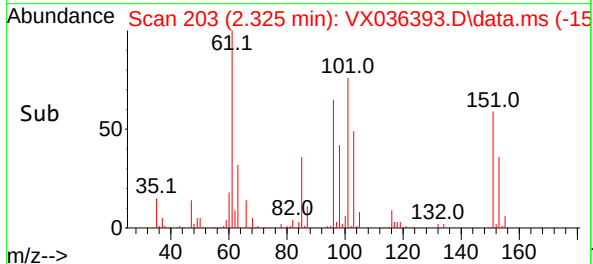
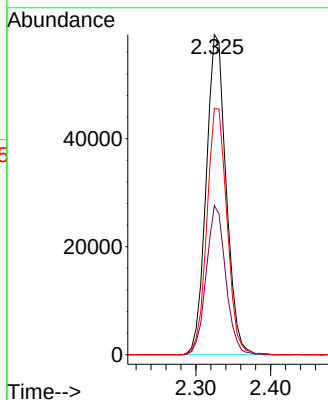
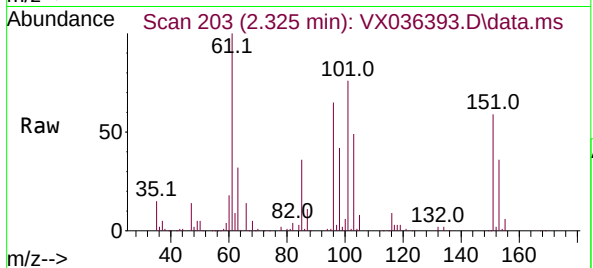
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.821 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 110124
Ion Ratio Lower Upper
101 100
85 45.4 37.0 55.6
151 77.5 58.6 87.8

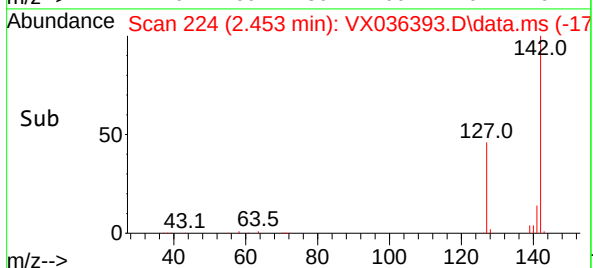
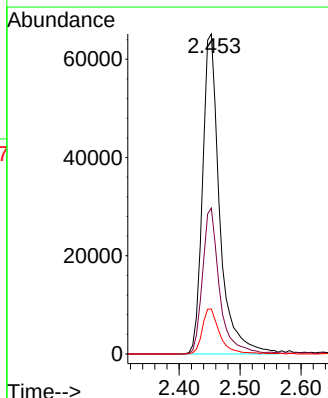
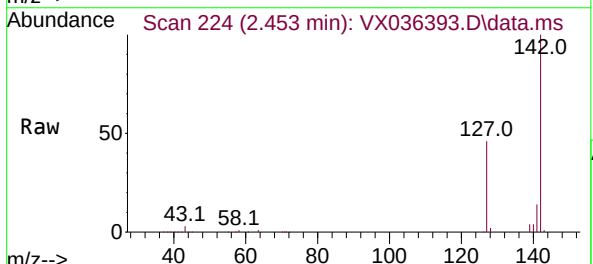
Manual Integrations
APPROVED

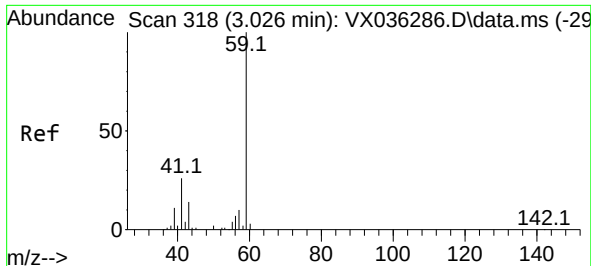
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#10
Methyl Iodide
Concen: 46.792 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

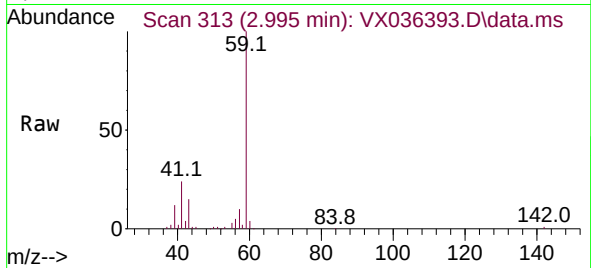
Tgt Ion:142 Resp: 127889
Ion Ratio Lower Upper
142 100
127 45.1 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 279.216 ug/l
RT: 2.995 min Scan# 318
Delta R.T. -0.018 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

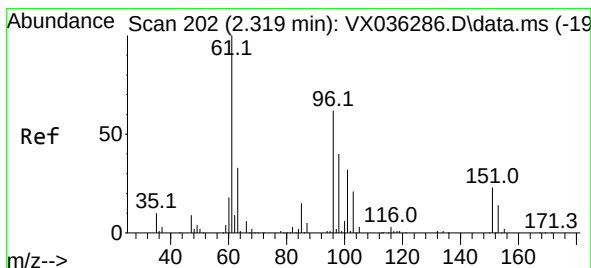
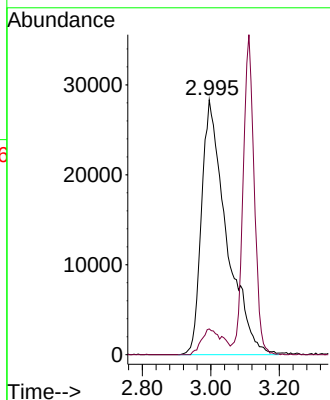
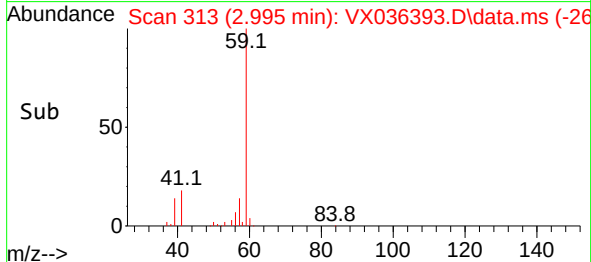
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



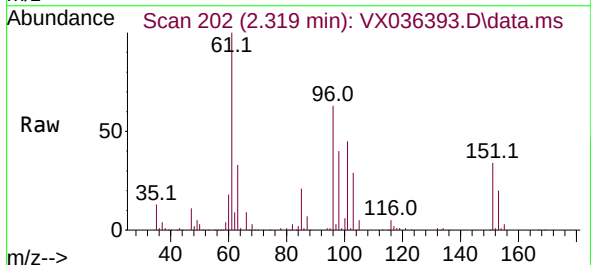
Tgt Ion: 59 Resp: 14344
Ion Ratio Lower Upper
59 100
57 8.5 6.0 9.0

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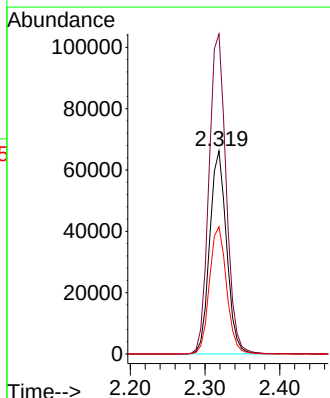
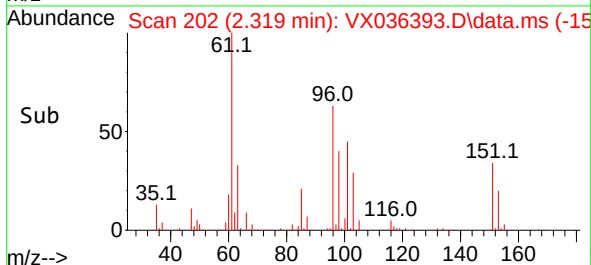
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

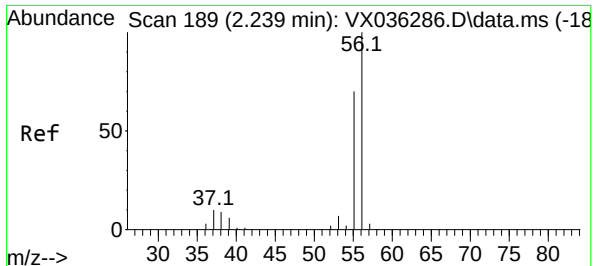


#12
1,1-Dichloroethene
Concen: 46.521 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



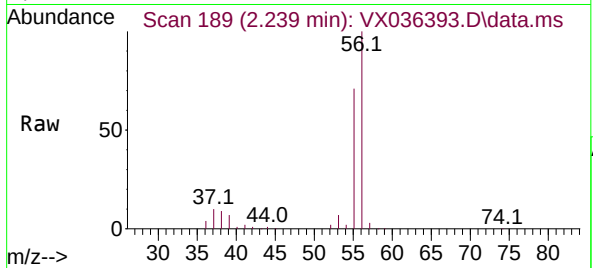
Tgt Ion: 96 Resp: 104094
Ion Ratio Lower Upper
96 100
61 157.7 144.6 216.8
98 62.7 50.4 75.6





#13
Acrolein
Concen: 191.976 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

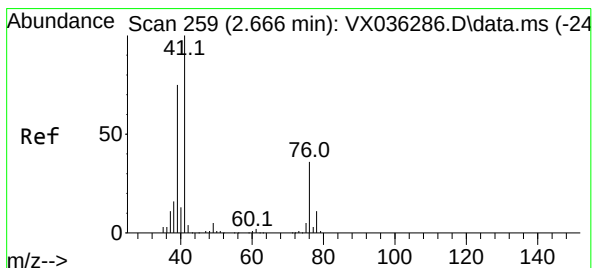
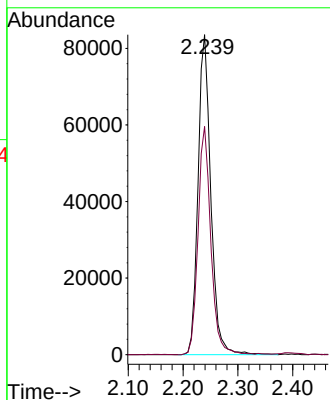
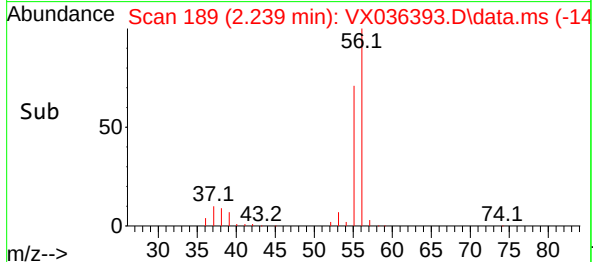
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 13544
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

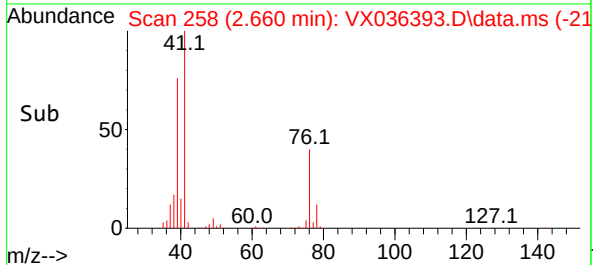
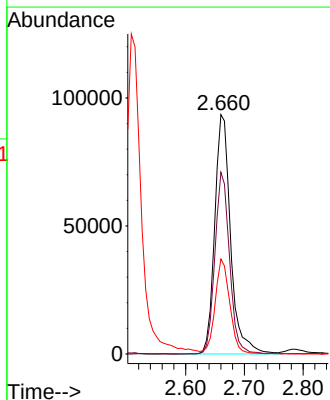
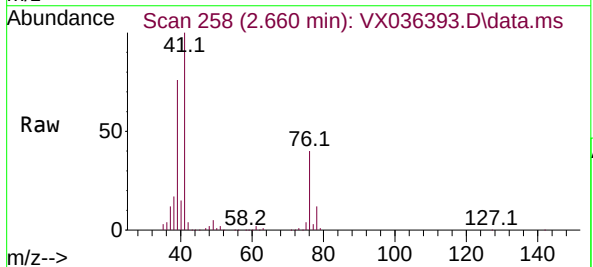
Manual Integrations
APPROVED

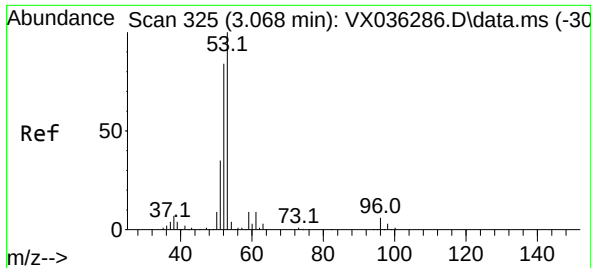
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#14
Allyl chloride
Concen: 48.416 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion: 41 Resp: 176059
Ion Ratio Lower Upper
41 100
39 70.0 55.8 83.6
76 36.3 24.3 36.5





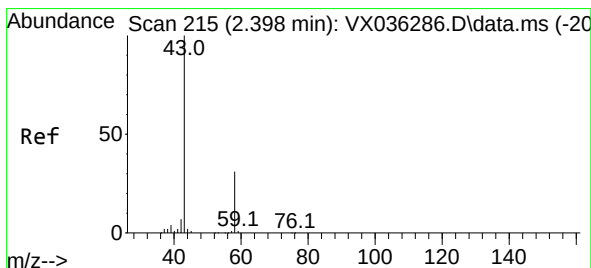
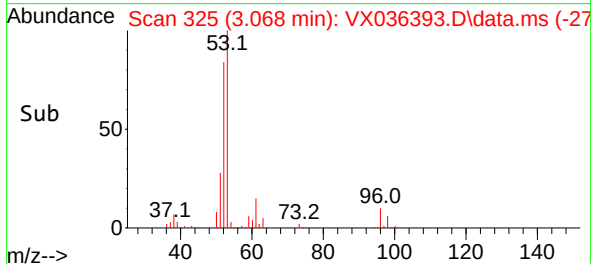
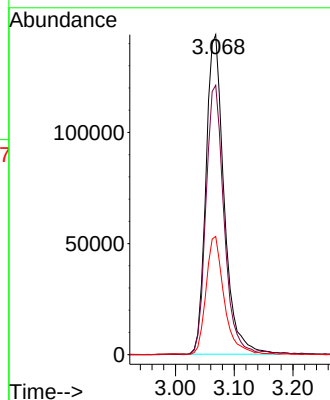
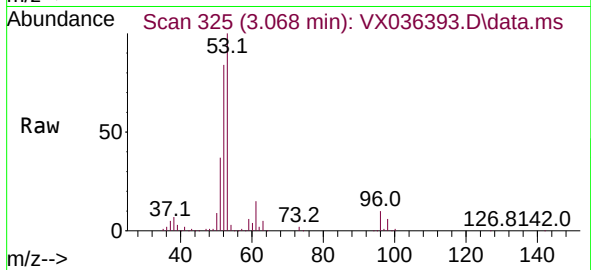
#15
Acrylonitrile
Concen: 237.220 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 308899
Ion Ratio Lower Upper
53 100
52 85.2 66.0 99.0
51 36.6 29.8 44.6

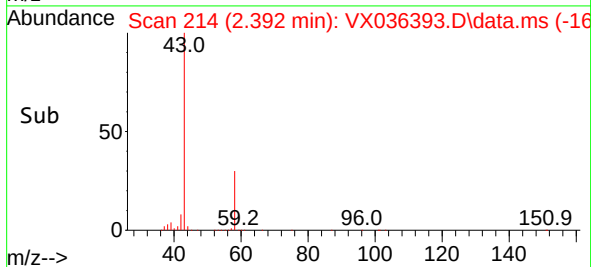
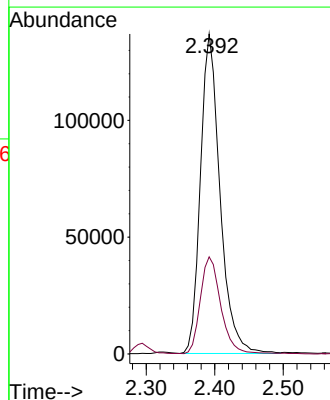
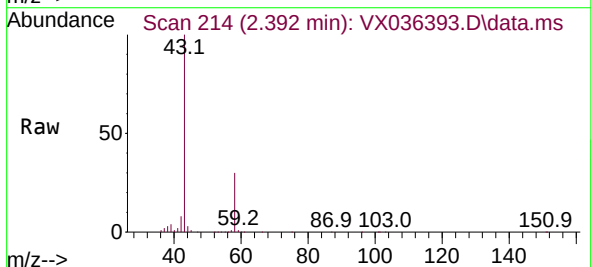
Manual Integrations
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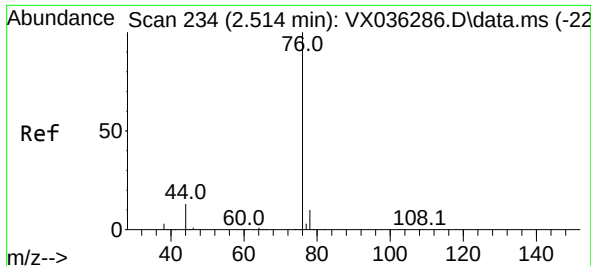
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#16
Acetone
Concen: 225.545 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion: 43 Resp: 272079
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





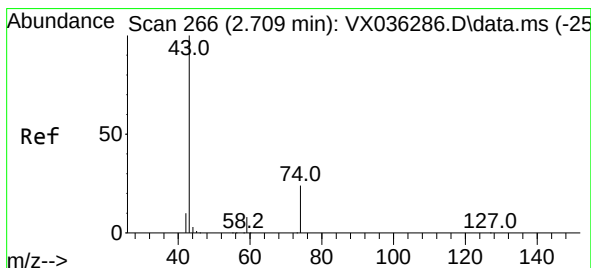
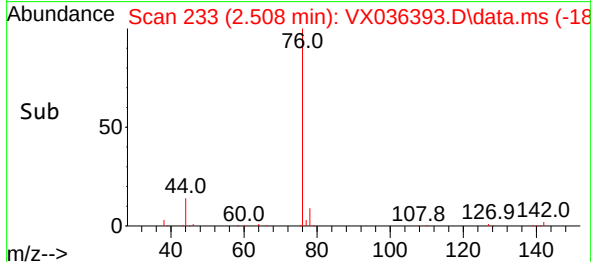
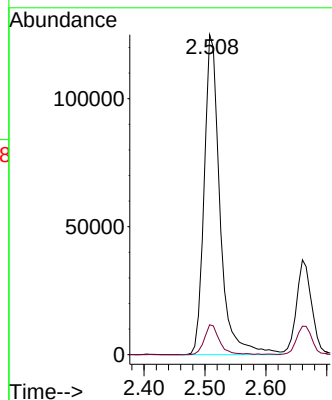
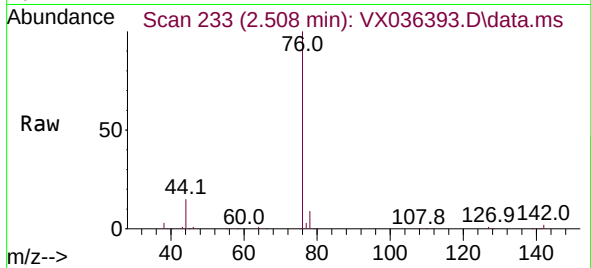
#17
Carbon Disulfide
Concen: 41.031 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 22548
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

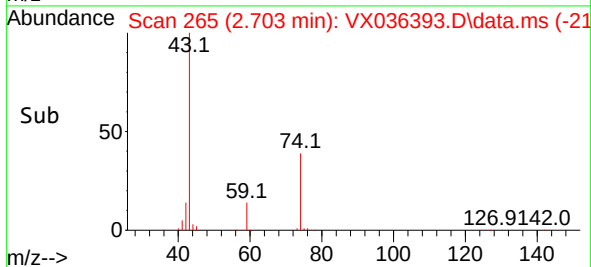
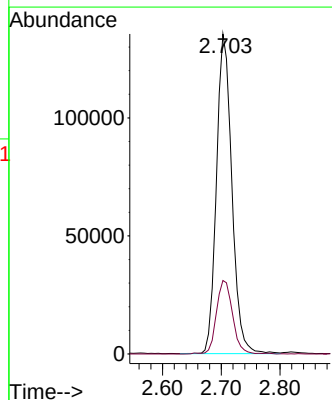
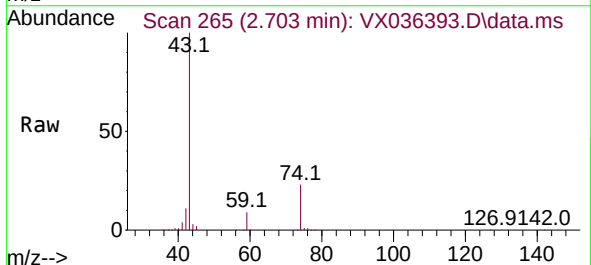
Manual Integrations
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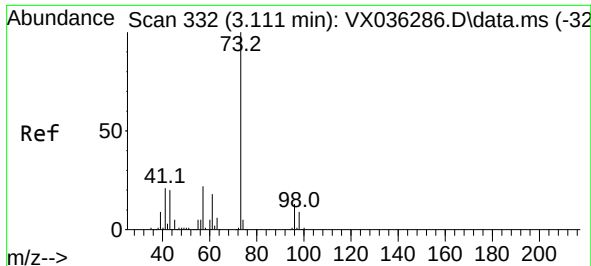
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#18
Methyl Acetate
Concen: 49.662 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

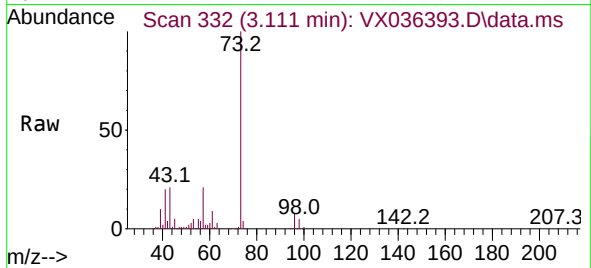
Tgt Ion: 43 Resp: 246357
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.408 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

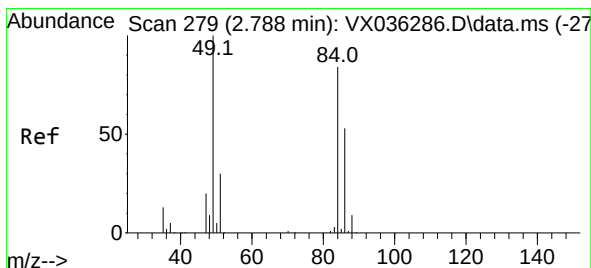
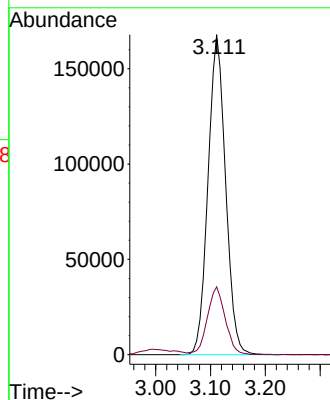
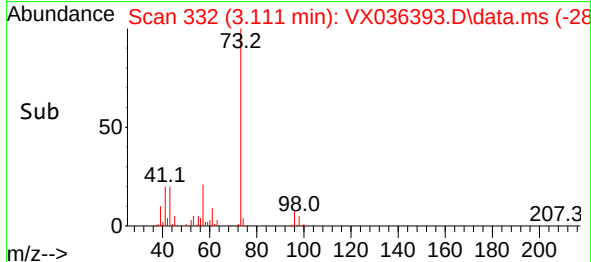
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 37174
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

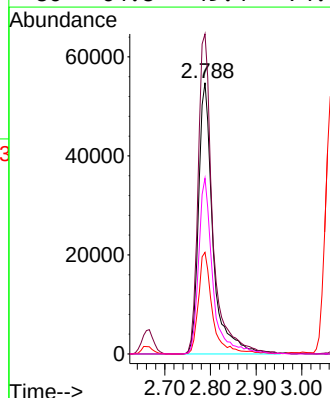
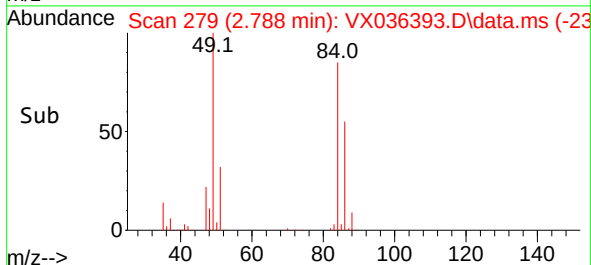
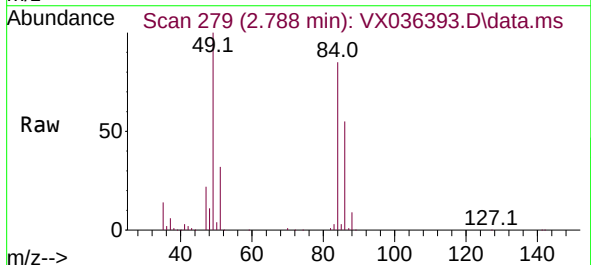
Manual Integrations
APPROVED

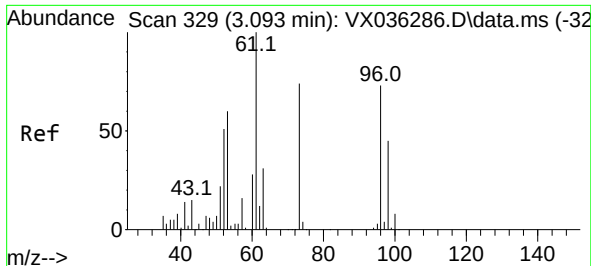
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#20
Methylene Chloride
Concen: 46.375 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

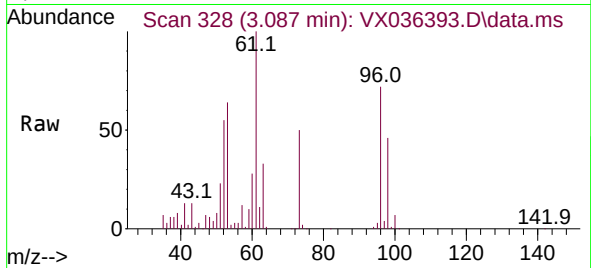
Tgt Ion: 84 Resp: 120453
Ion Ratio Lower Upper
84 100
49 118.0 103.6 155.4
51 37.5 33.8 50.6
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.913 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

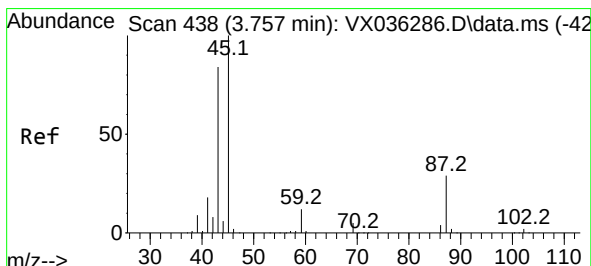
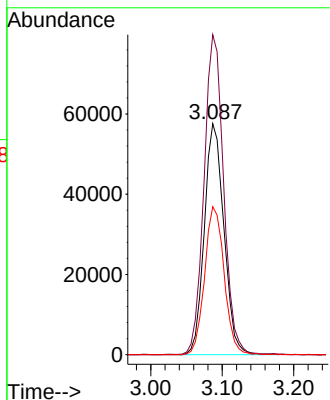
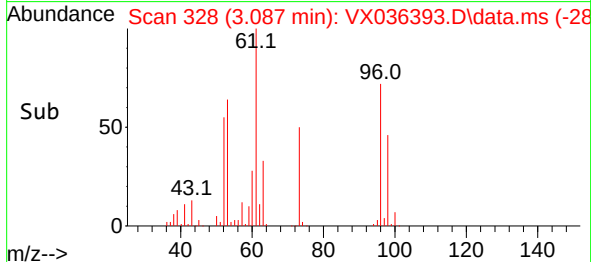
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 109628
Ion Ratio Lower Upper
96 100
61 138.4 119.2 178.8
98 64.1 48.7 73.1

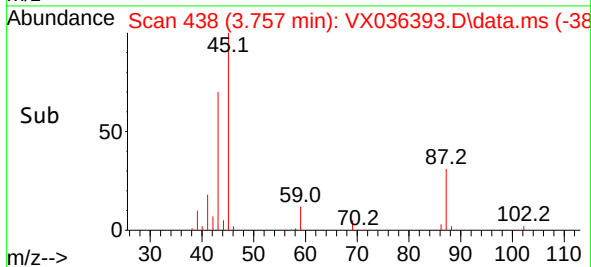
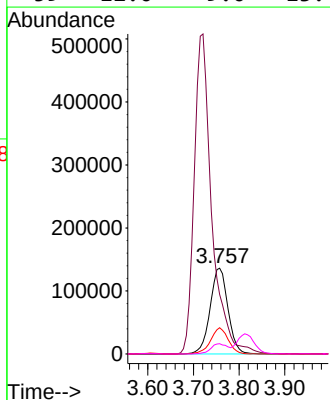
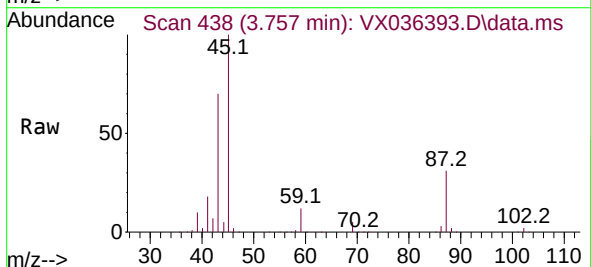
Manual Integrations
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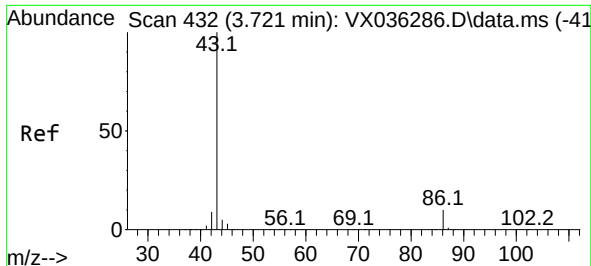
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#22
Diisopropyl ether
Concen: 50.699 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

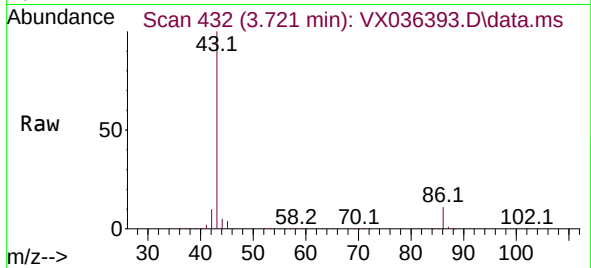
Tgt Ion: 45 Resp: 369421
Ion Ratio Lower Upper
45 100
43 69.3 69.7 104.5#
87 30.7 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 257.140 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX036393.D
 Acq: 30 Jun 2023 16:32

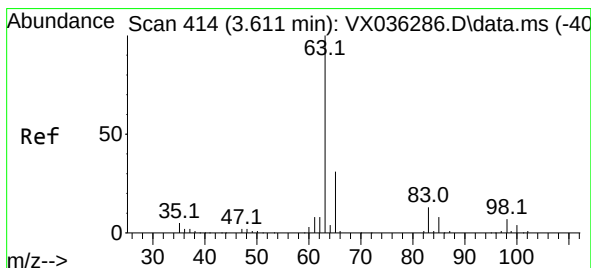
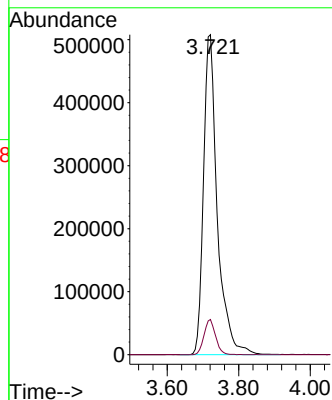
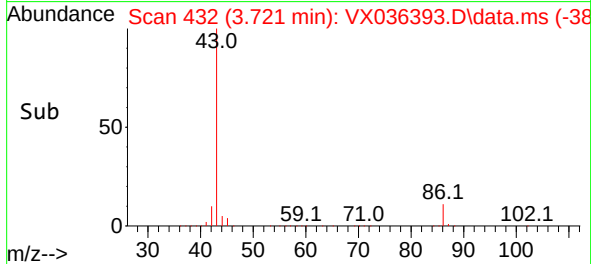
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



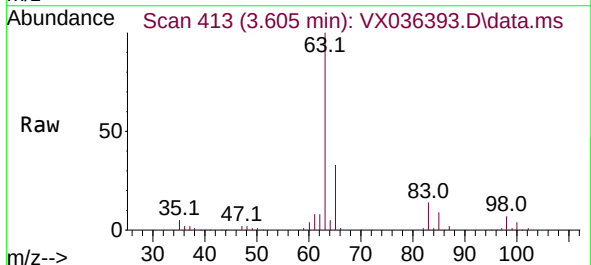
Tgt Ion: 43 Resp: 135971
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

Manual Integrations
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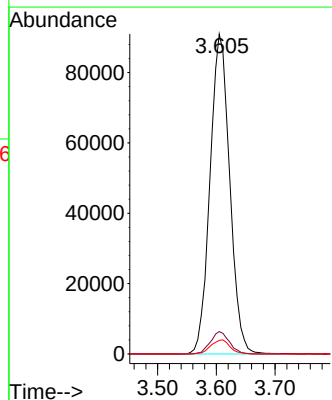
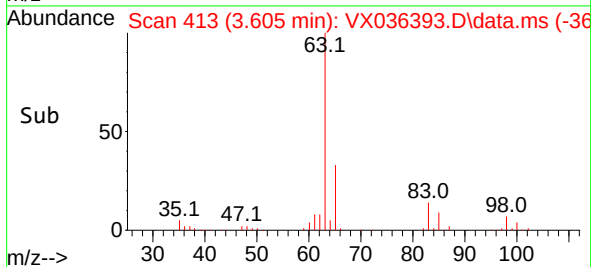
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023

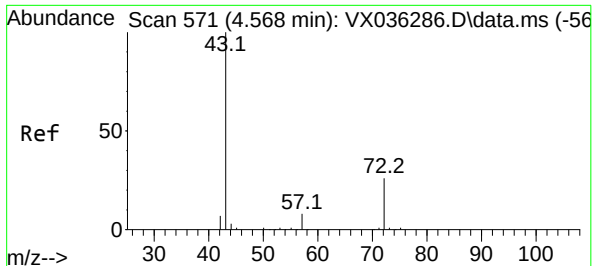


#24
 1,1-Dichloroethane
 Concen: 49.293 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036393.D
 Acq: 30 Jun 2023 16:32



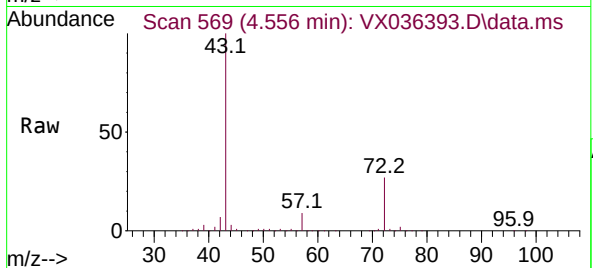
Tgt Ion: 63 Resp: 211675
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 246.112 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

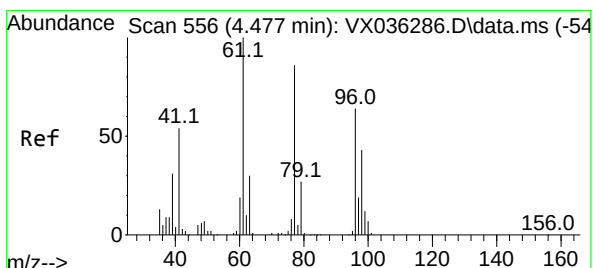
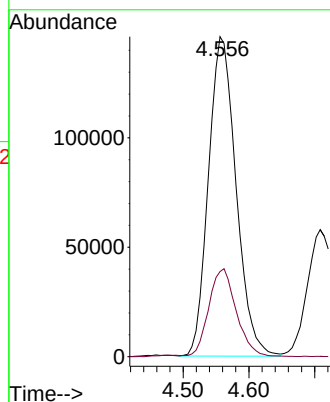
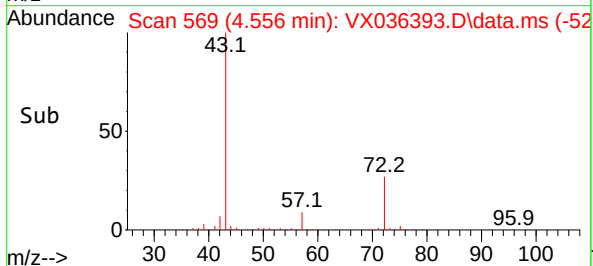
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 42657
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

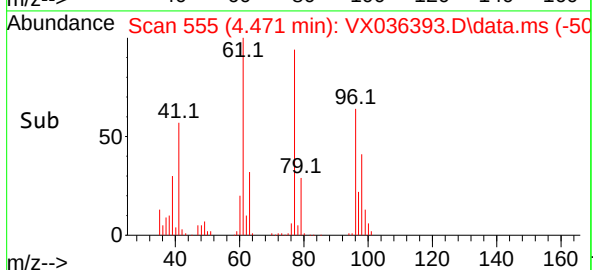
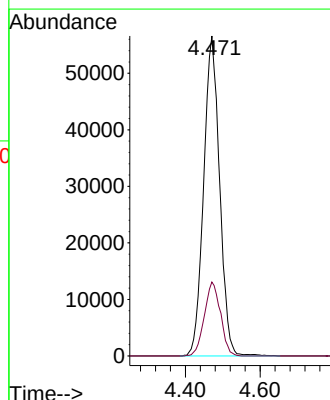
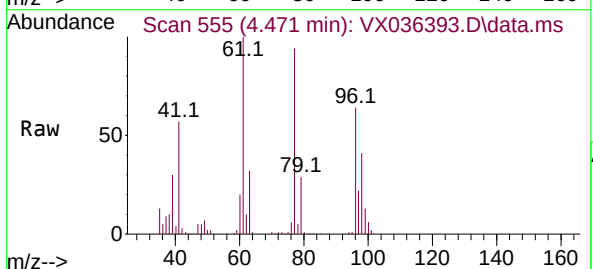
Manual Integrations
APPROVED

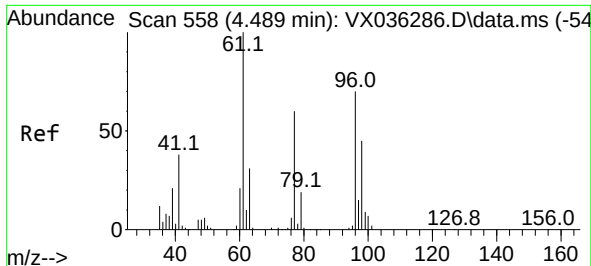
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#26
2,2-Dichloropropane
Concen: 55.029 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

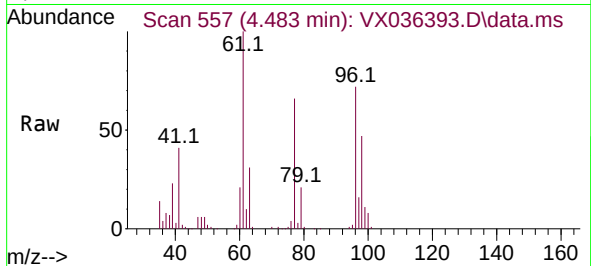
Tgt Ion: 77 Resp: 167595
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.998 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX036393.D
 Acq: 30 Jun 2023 16:32

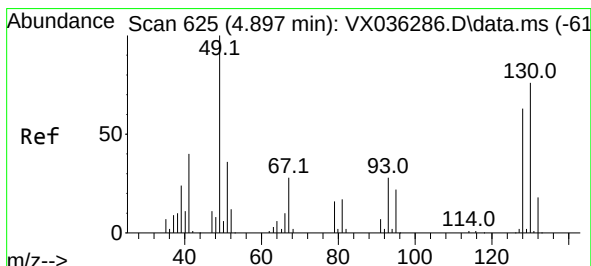
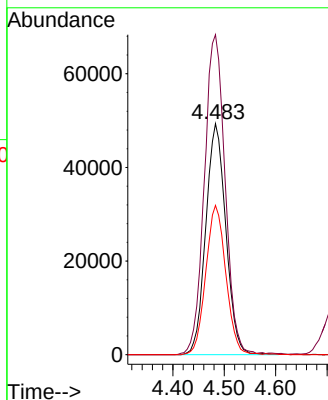
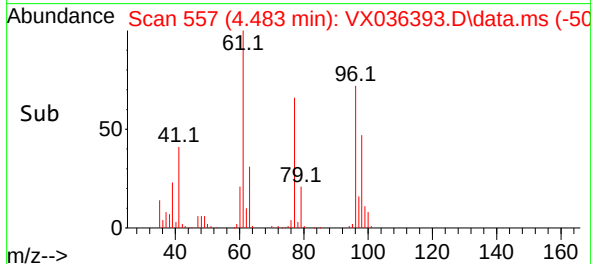
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 13388
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 312.2
 98 64.6 0.0 129.0

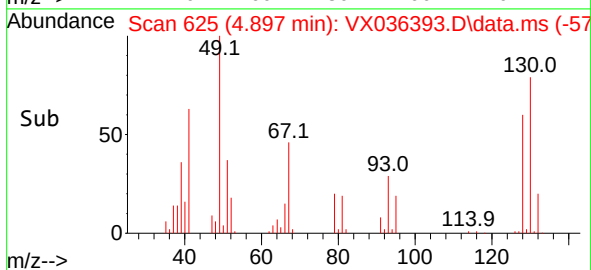
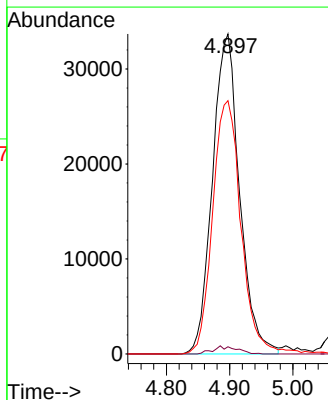
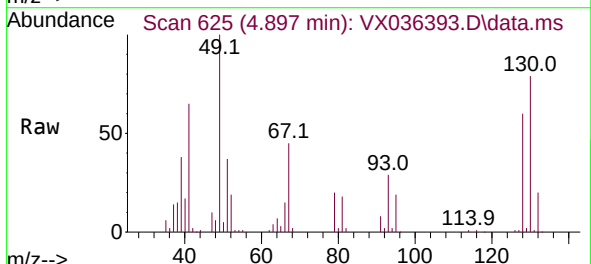
Manual Integrations
 APPROVED

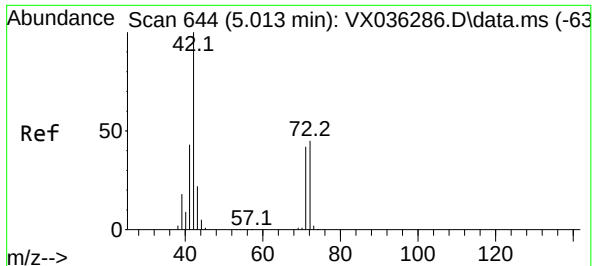
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023



#28
 Bromochloromethane
 Concen: 45.078 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX036393.D
 Acq: 30 Jun 2023 16:32

Tgt Ion: 49 Resp: 100392
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 82.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 244.120 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 26938

Ion Ratio Lower Upper

42 100

72 47.1 34.2 51.4

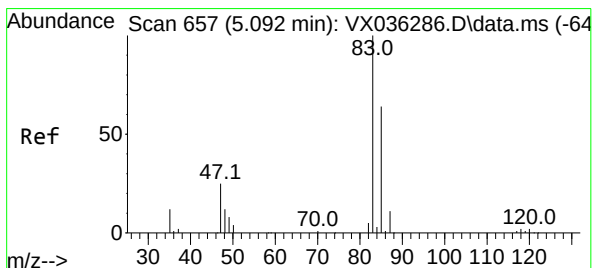
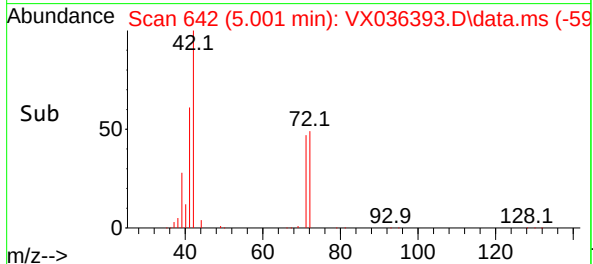
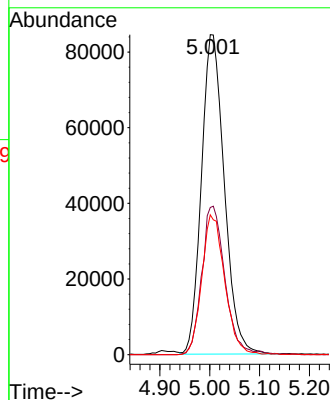
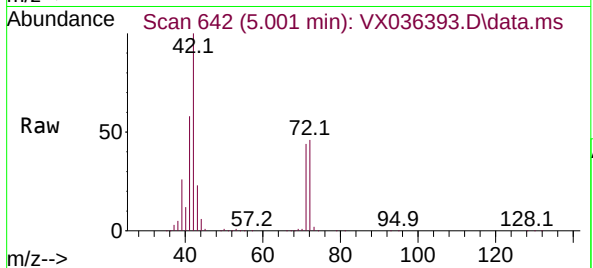
71 43.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#30

Chloroform

Concen: 51.582 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX036393.D

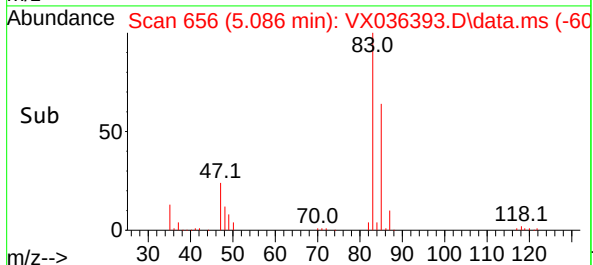
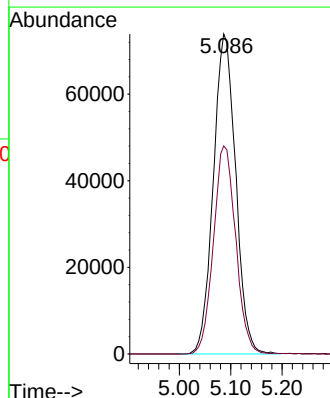
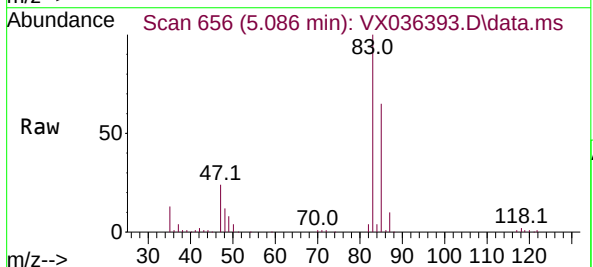
Acq: 30 Jun 2023 16:32

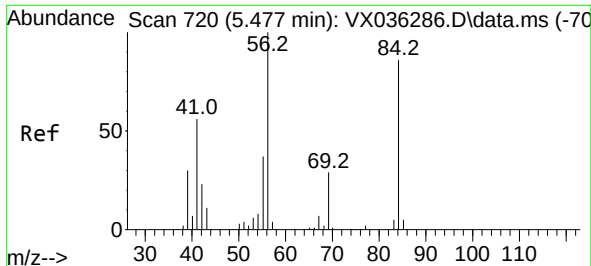
Tgt Ion: 83 Resp: 223101

Ion Ratio Lower Upper

83 100

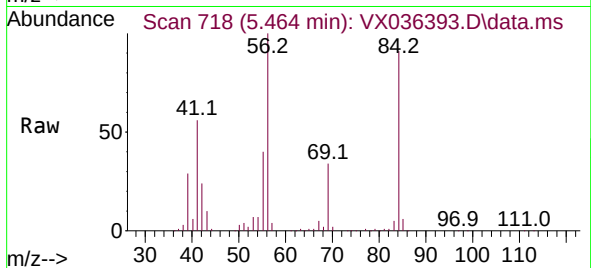
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 45.259 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

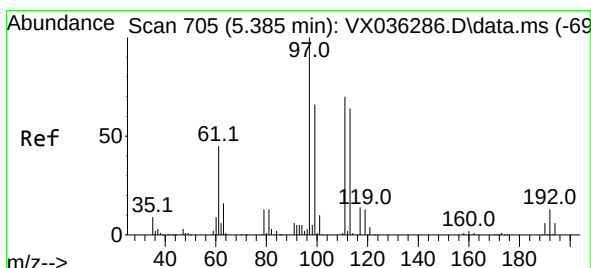
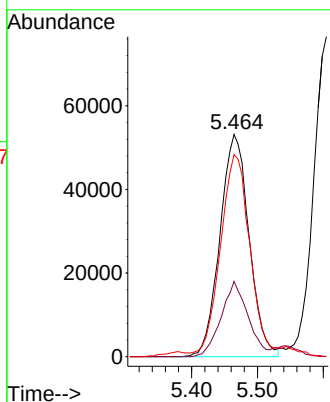
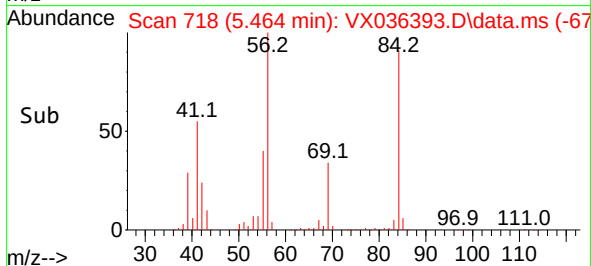
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16368
Ion Ratio Lower Upper
56 100
69 33.9 23.4 35.2
84 88.6 65.9 98.9

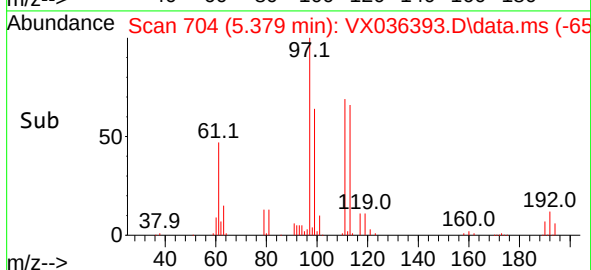
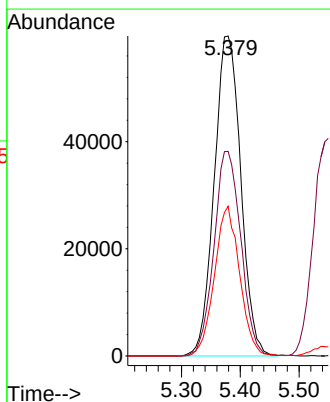
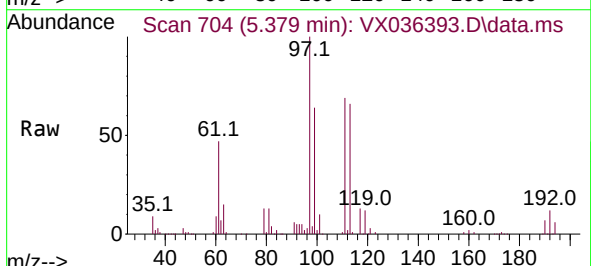
Manual Integrations
APPROVED

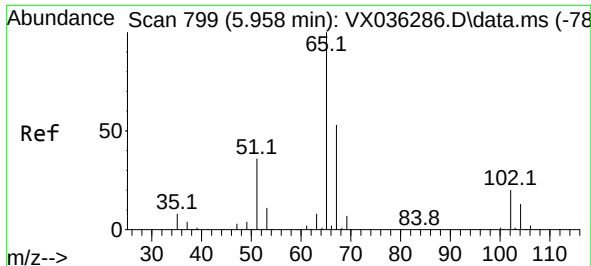
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#32
1,1,1-Trichloroethane
Concen: 51.956 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion: 97 Resp: 187708
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 44.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.339 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 142070

Ion Ratio Lower Upper

65 100

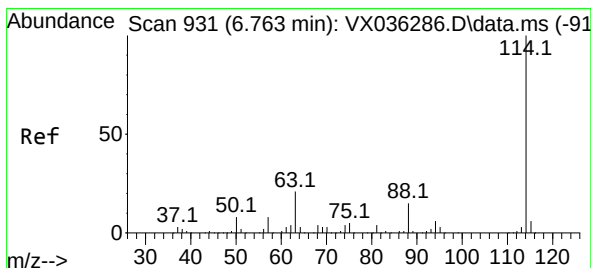
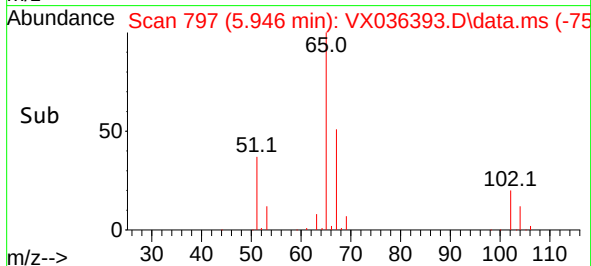
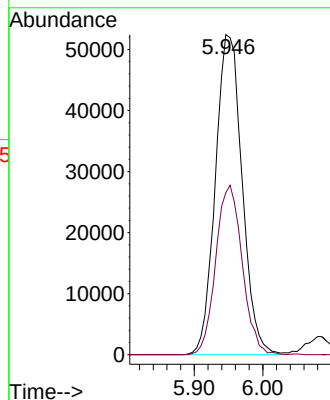
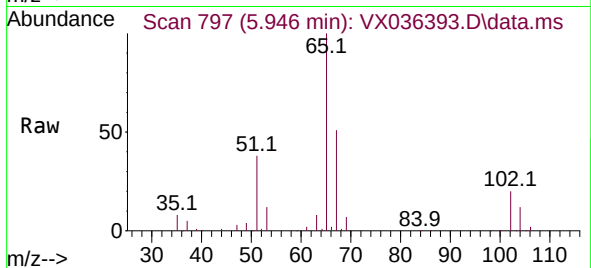
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

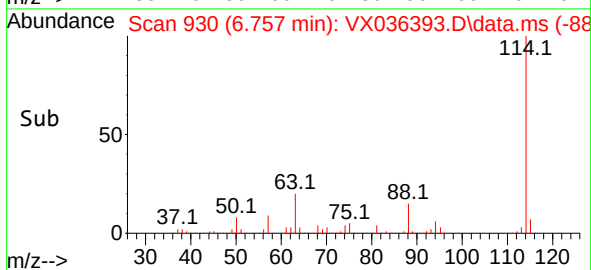
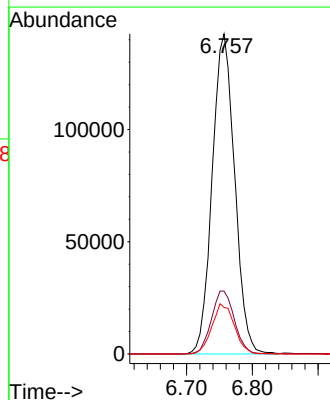
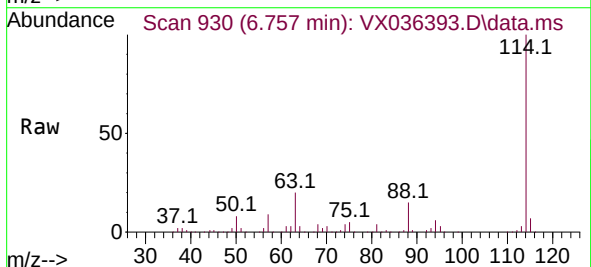
Tgt Ion:114 Resp: 339130

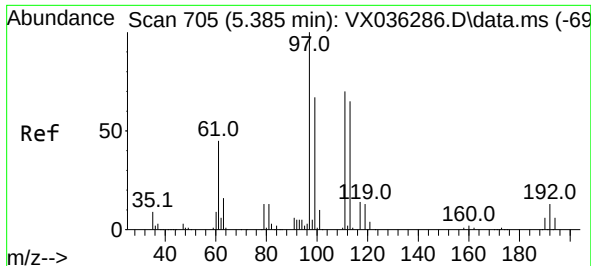
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.882 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036393.D

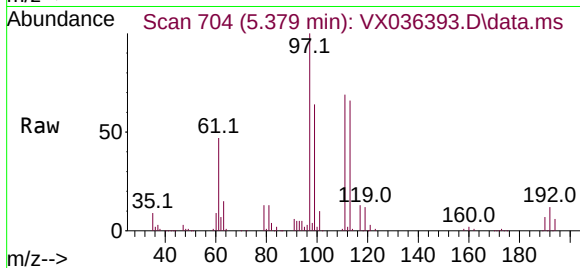
Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



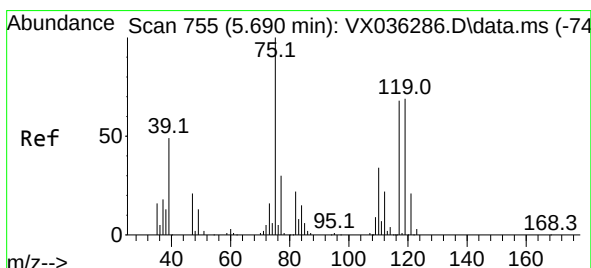
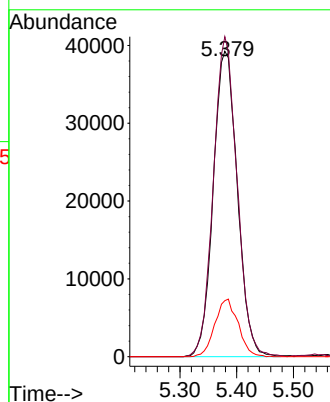
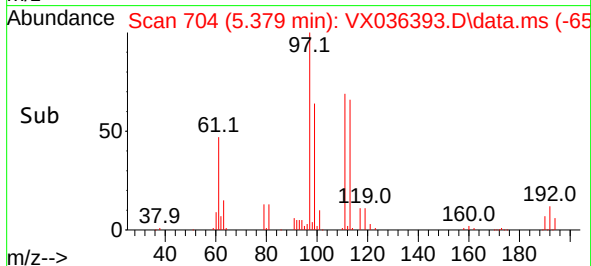
Tgt Ion:	113	Resp:	11601
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#36

1,1-Dichloropropene

Concen: 46.197 ug/l

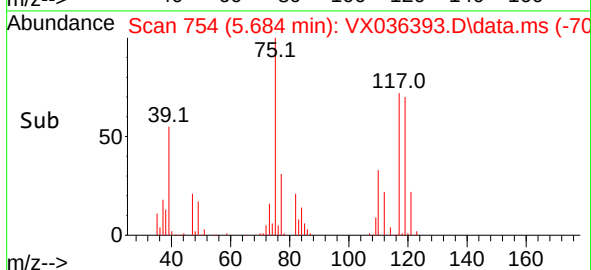
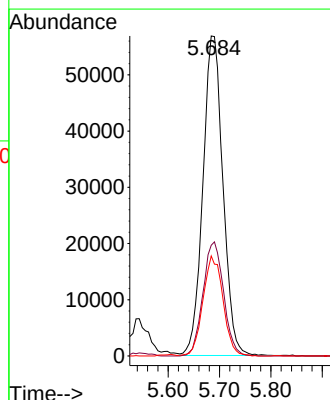
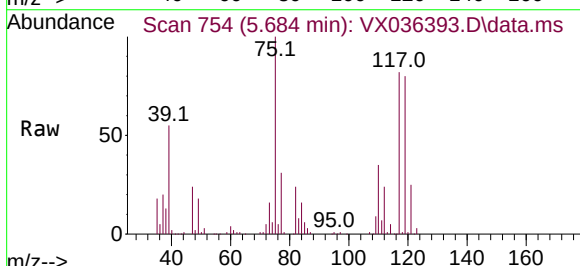
RT: 5.684 min Scan# 754

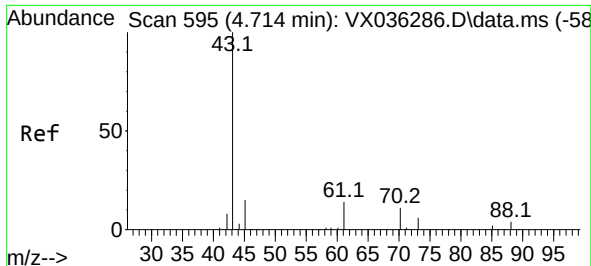
Delta R.T. -0.012 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

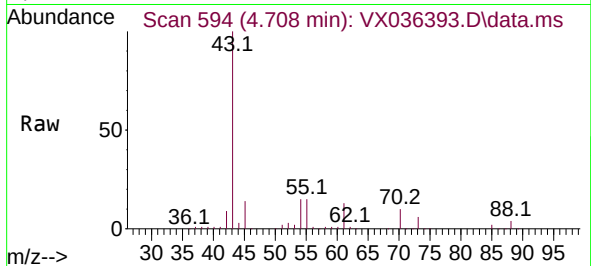
Tgt Ion:	75	Resp:	153987
Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	31.3	24.7	37.1





#37
Ethyl Acetate
Concen: 50.238 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

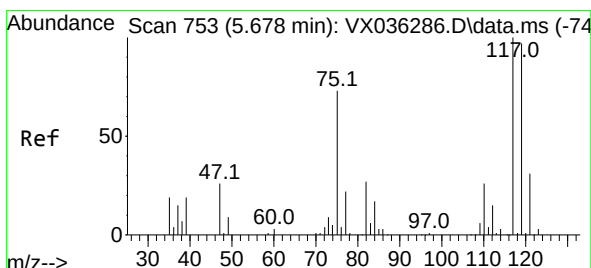
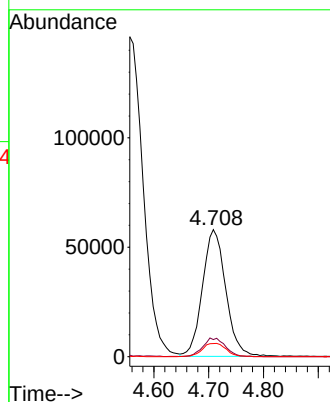
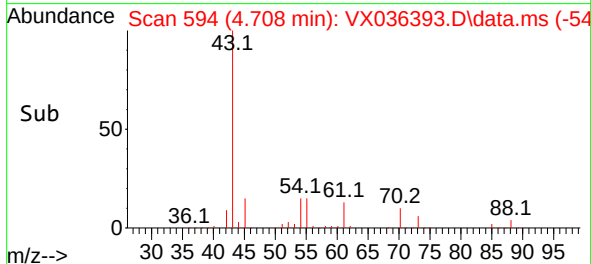
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17067
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.9 8.3 12.5

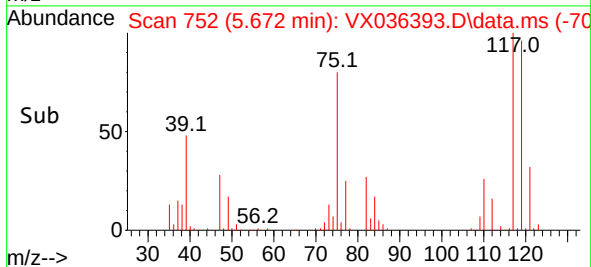
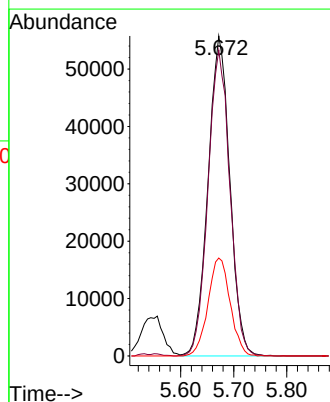
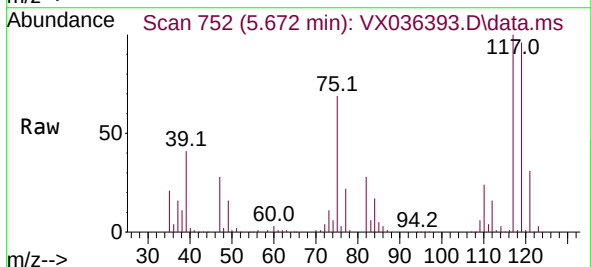
Manual Integrations
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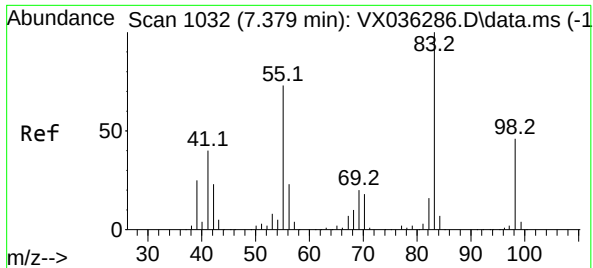
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#38
Carbon Tetrachloride
Concen: 52.390 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion:117 Resp: 159492
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 30.6 24.4 36.6





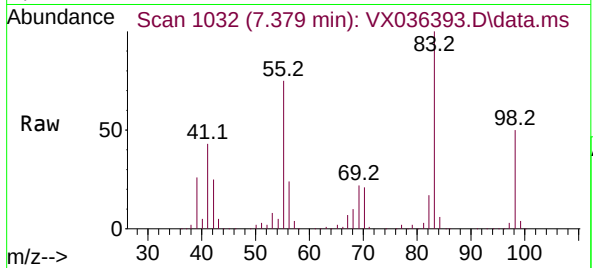
#39
Methylcyclohexane
Concen: 45.862 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



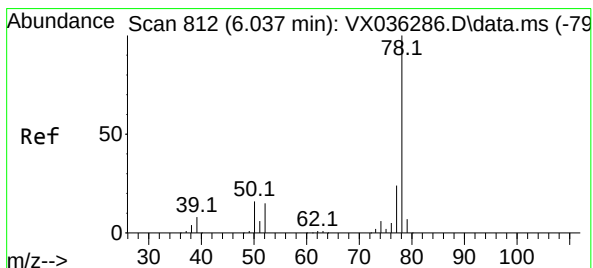
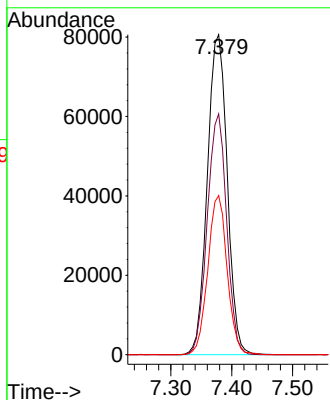
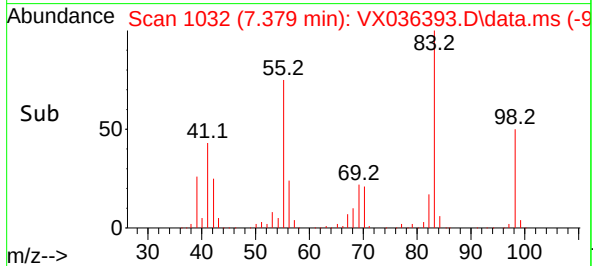
Tgt Ion: 83 Resp: 183098
Ion Ratio Lower Upper
83 100
55 75.2 64.6 97.0
98 49.7 36.7 55.1

Manual Integrations

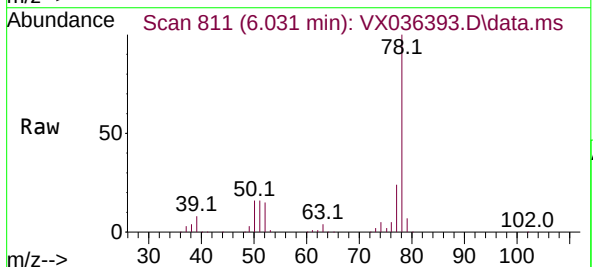
APPROVED

Reviewed By :John Carlone 07/06/2023

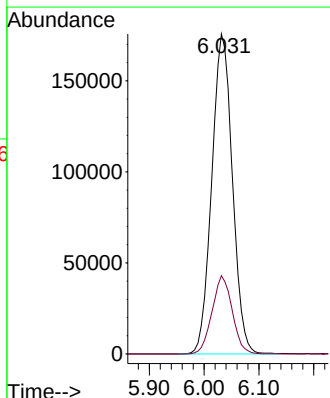
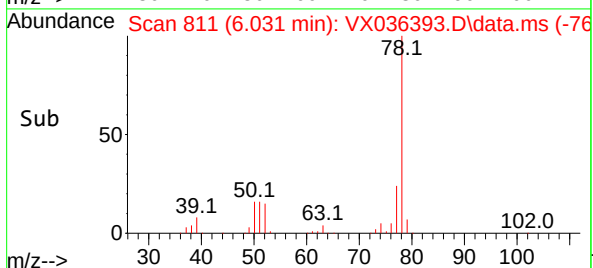
Supervised By :Mahesh Dadoda 07/07/2023

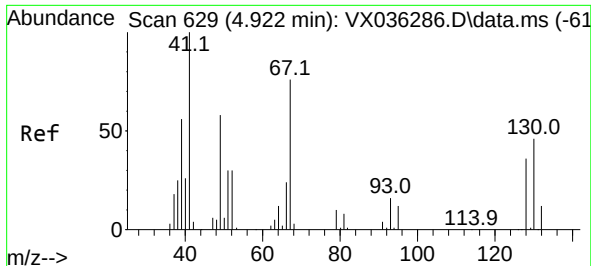


#40
Benzene
Concen: 49.318 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



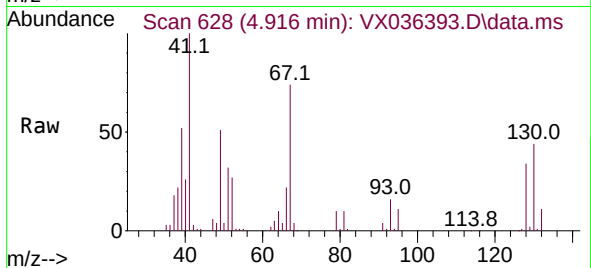
Tgt Ion: 78 Resp: 459214
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





#41
Methacrylonitrile
Concen: 50.389 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

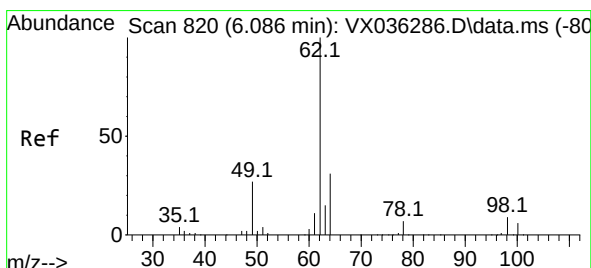
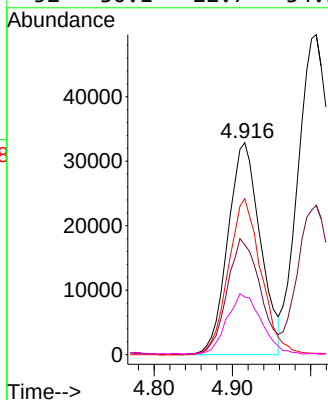
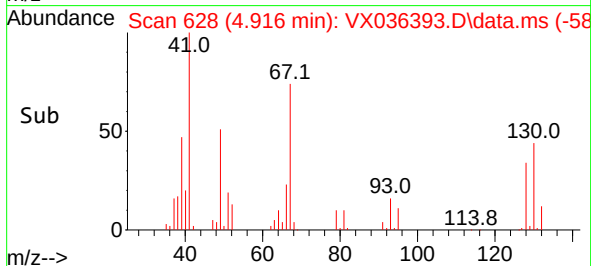
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 9496
Ion Ratio	Lower Upper
41 100	
39 56.0	45.2 67.8
67 74.6	52.6 78.8
52 30.1	22.7 34.1

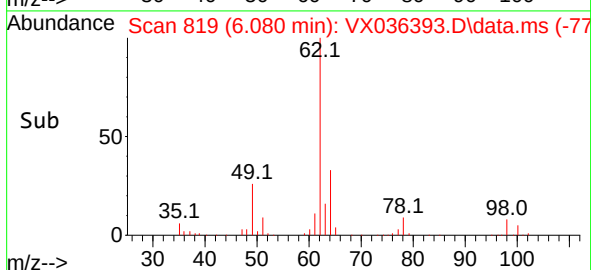
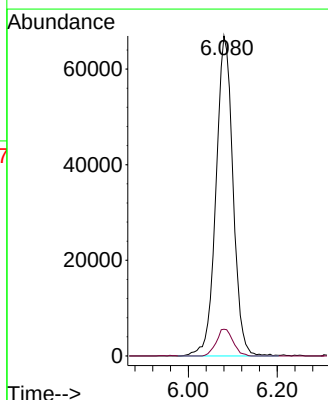
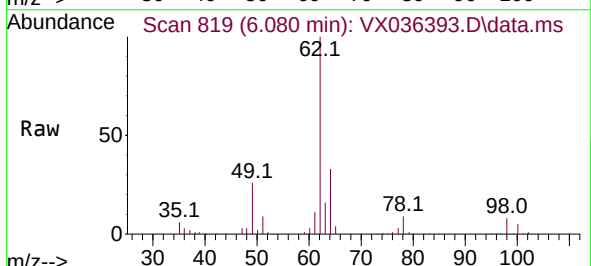
Manual Integrations
APPROVED

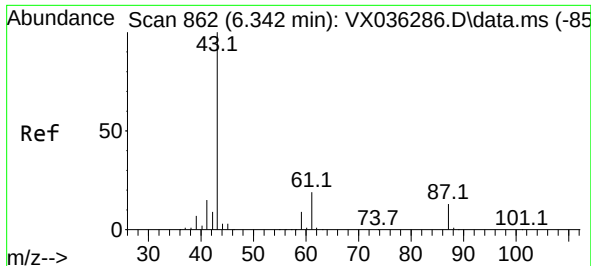
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#42
1,2-Dichloroethane
Concen: 50.120 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion: 62	Resp: 177507
Ion Ratio	Lower Upper
62 100	
98 8.2	0.0 16.0





#43

Isopropyl Acetate

Concen: 51.735 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28038

Ion Ratio Lower Upper

43 100

61 20.2 15.2 22.8

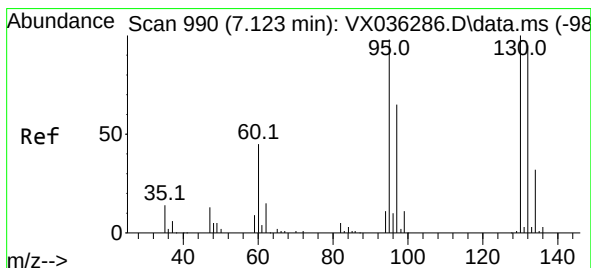
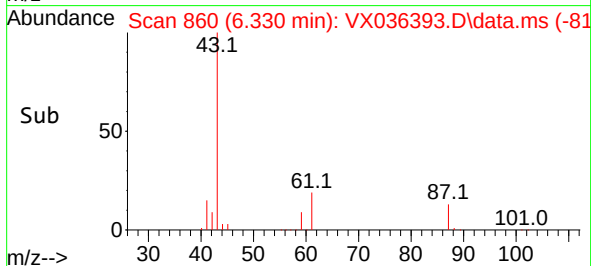
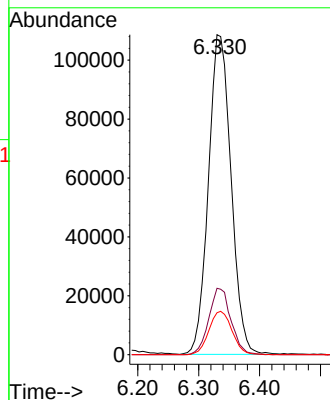
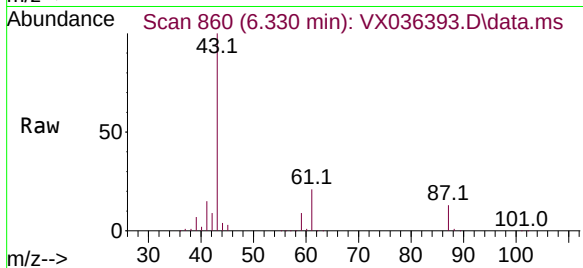
87 13.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#44

Trichloroethene

Concen: 48.974 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.005 min

Lab File: VX036393.D

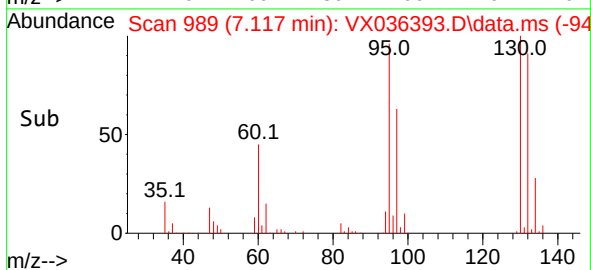
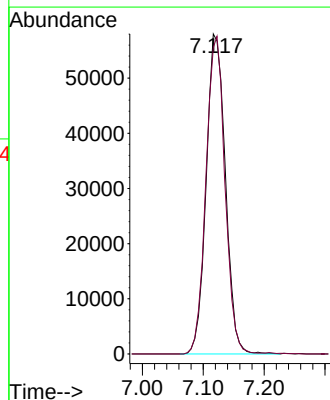
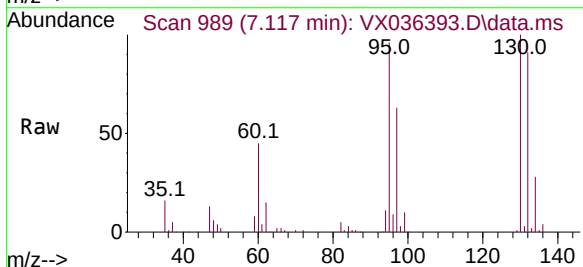
Acq: 30 Jun 2023 16:32

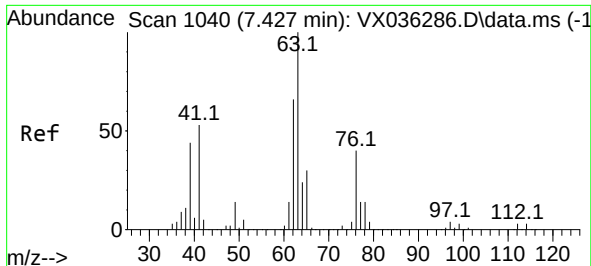
Tgt Ion:130 Resp: 126838

Ion Ratio Lower Upper

130 100

95 95.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.083 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 127000

Ion Ratio Lower Upper

63 100

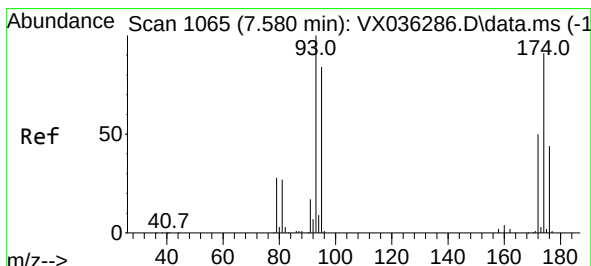
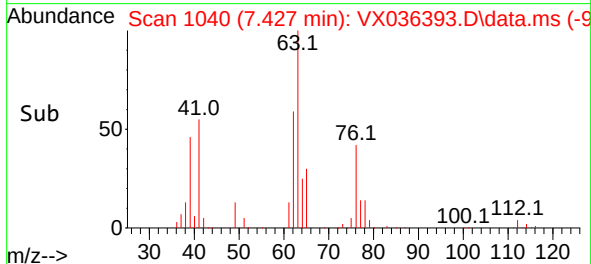
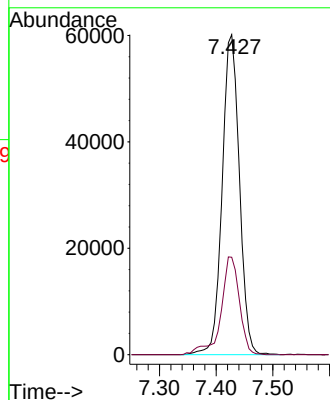
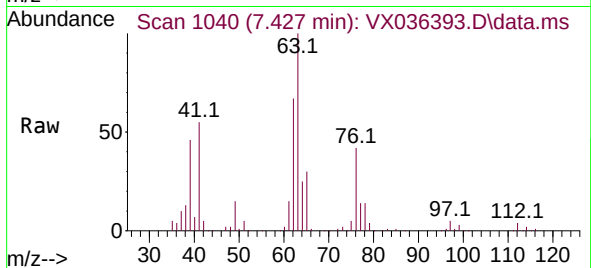
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#46

Dibromomethane

Concen: 50.617 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

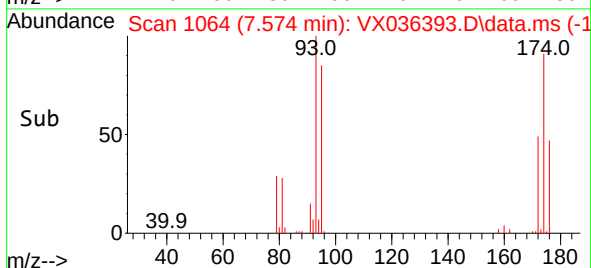
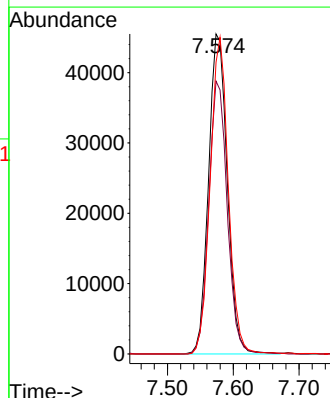
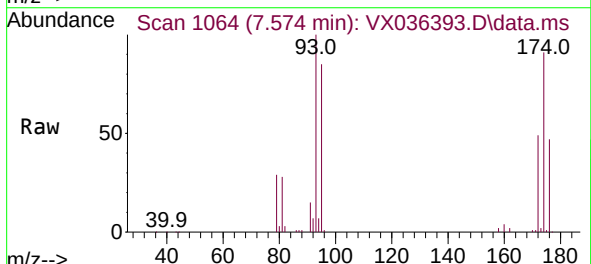
Tgt Ion: 93 Resp: 90357

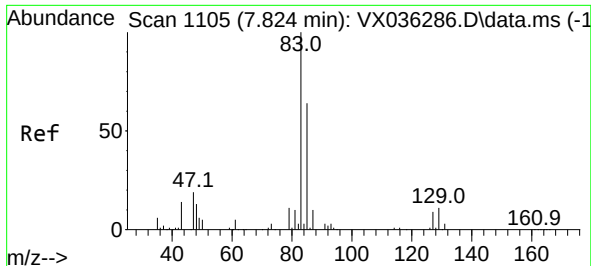
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 95.8 69.4 104.0





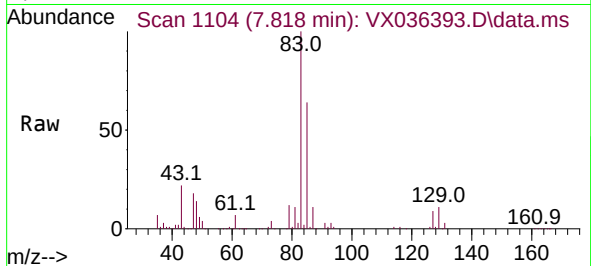
#47
Bromodichloromethane
Concen: 53.802 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



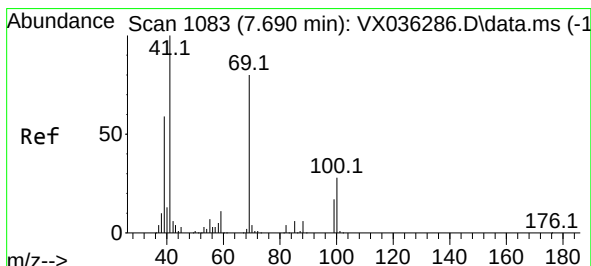
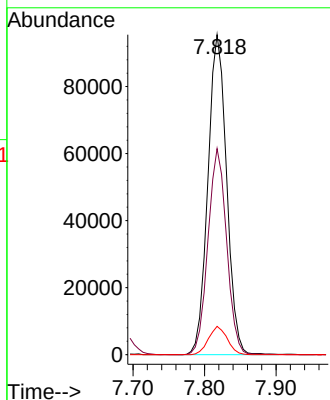
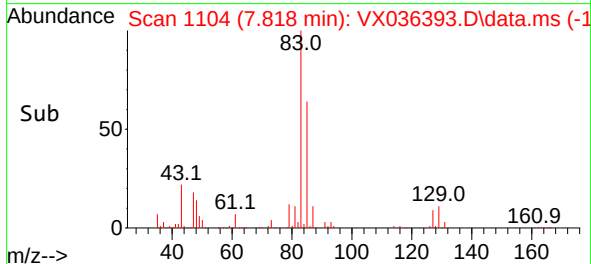
Tgt Ion: 83 Resp: 173680
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.9 7.1 10.7

Manual Integrations

APPROVED

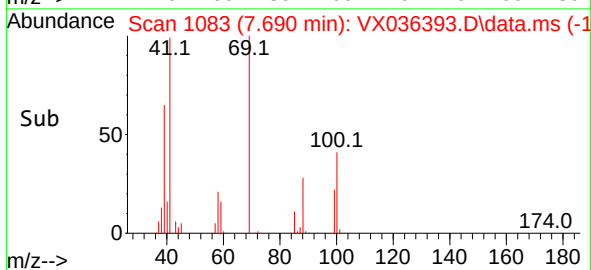
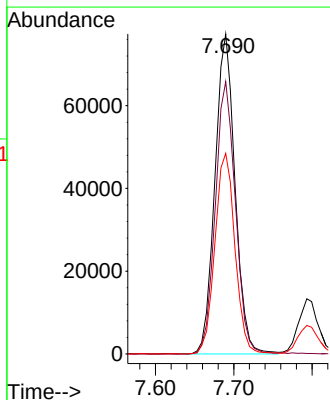
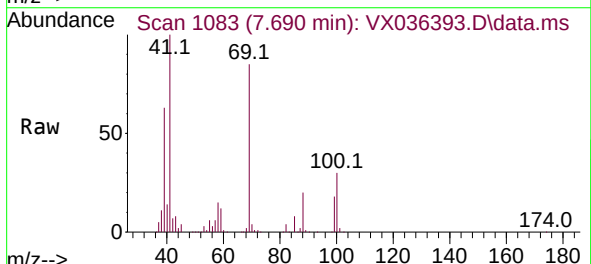
Reviewed By :John Carlone 07/06/2023

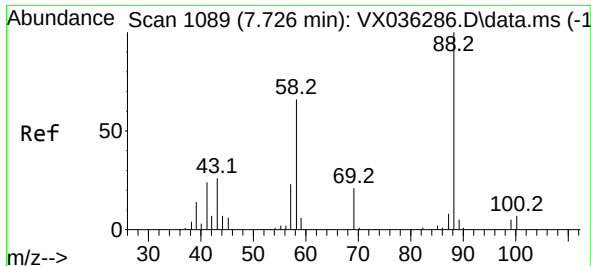
Supervised By :Mahesh Dadoda 07/07/2023



#48
Methyl methacrylate
Concen: 51.033 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion: 41 Resp: 137902
Ion Ratio Lower Upper
41 100
69 85.2 59.2 88.8
39 62.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1084.708 ug/l

RT: 7.696 min Scan# 1089

Delta R.T. -0.036 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

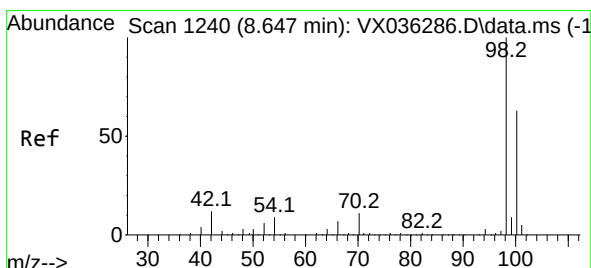
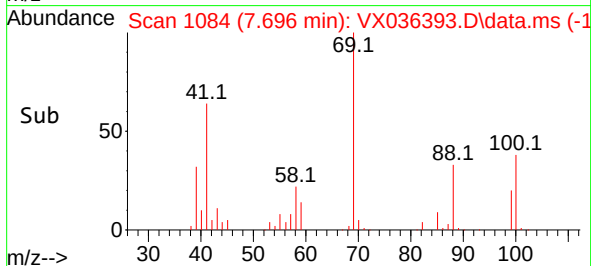
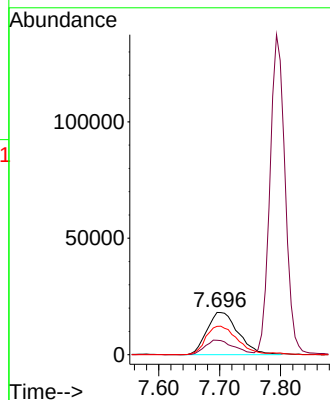
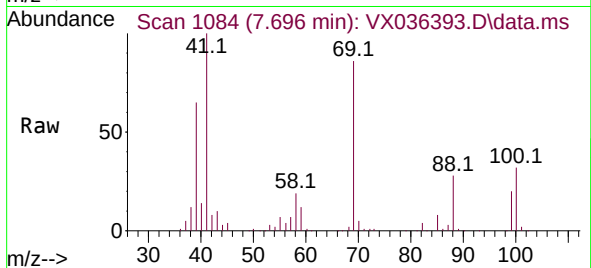
Tgt Ion: 88 Resp: 64979
 Ion Ratio Lower Upper
 88 100
 43 32.0 0.0 0.0
 58 67.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#50

Toluene-d8

Concen: 49.328 ug/l

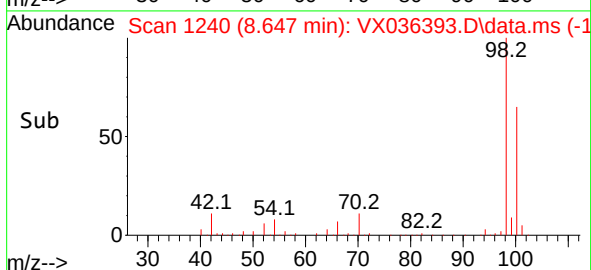
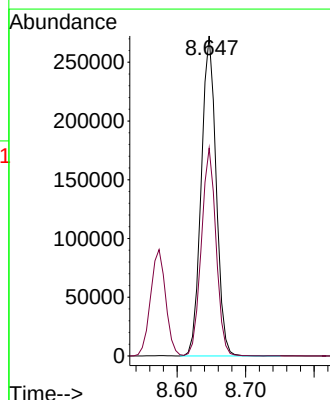
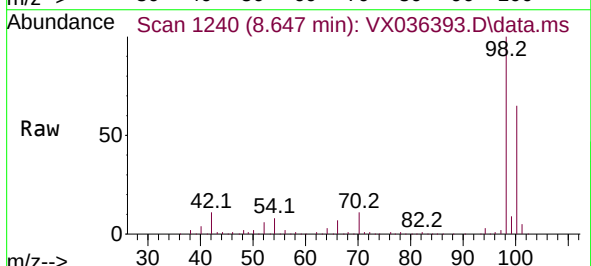
RT: 8.647 min Scan# 1240

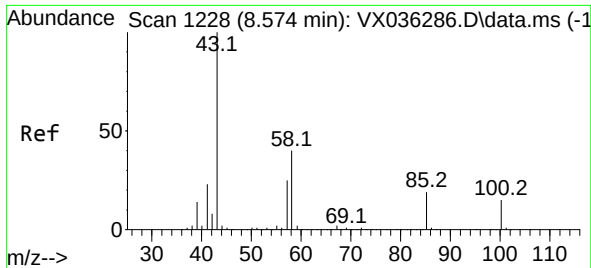
Delta R.T. 0.001 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

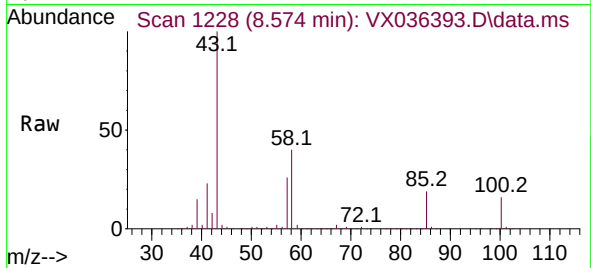
Tgt Ion: 98 Resp: 411983
 Ion Ratio Lower Upper
 98 100
 100 64.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 254.876 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

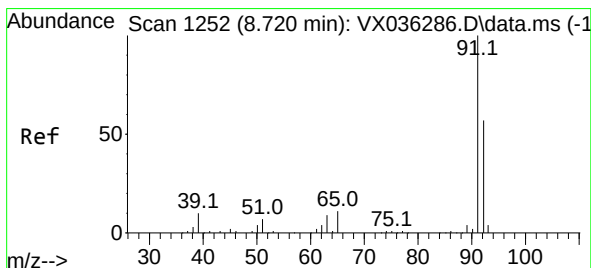
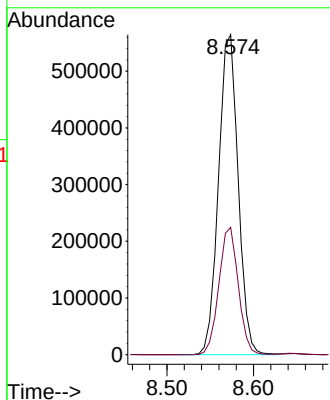
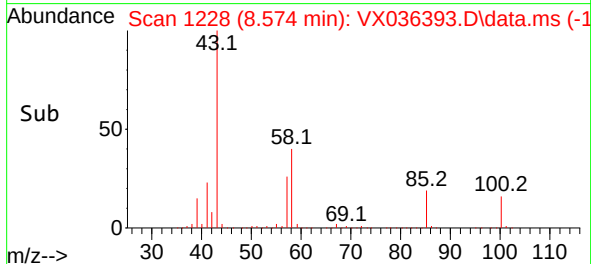
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



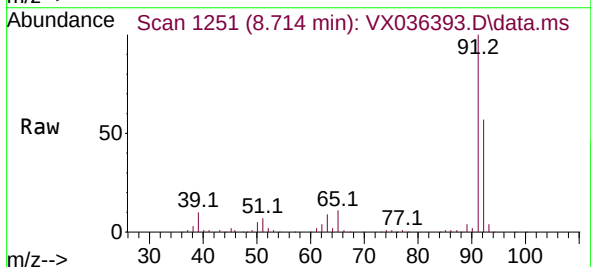
Tgt Ion: 43 Resp: 889938
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

Manual Integrations
APPROVED

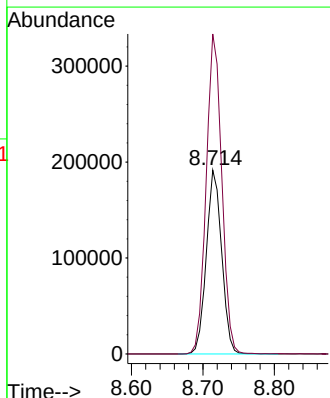
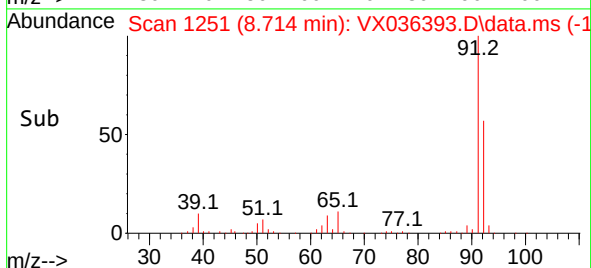
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

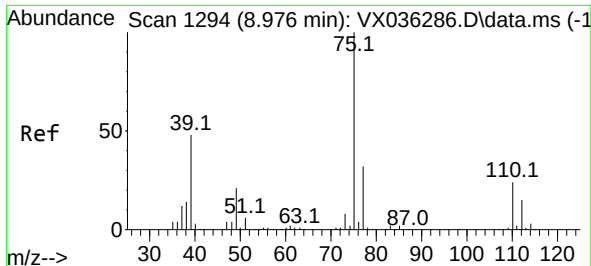


#52
Toluene
Concen: 48.471 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



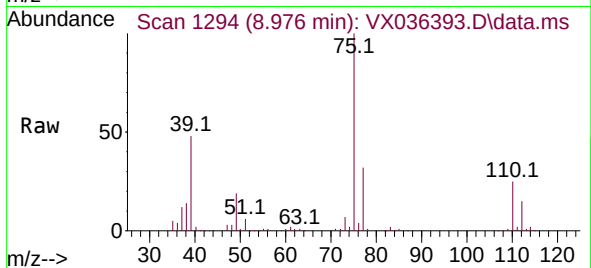
Tgt Ion: 92 Resp: 286027
Ion Ratio Lower Upper
92 100
91 176.2 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 56.749 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

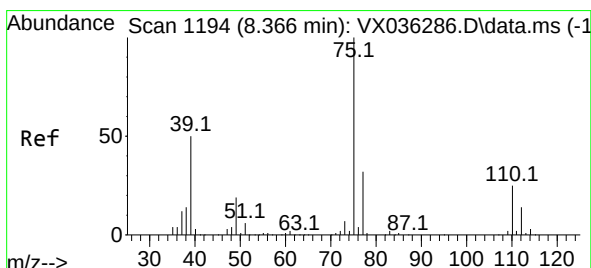
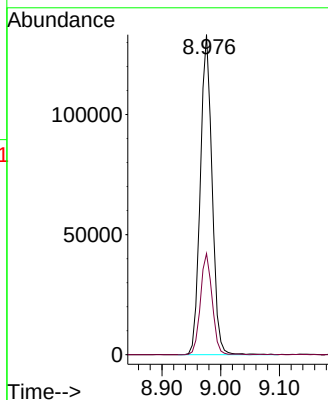
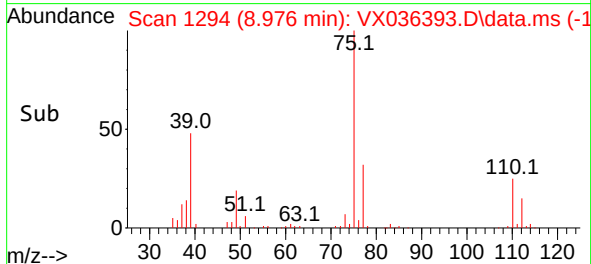
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



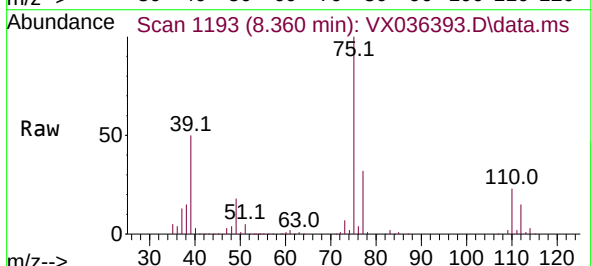
Tgt Ion: 75 Resp: 185052
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations
APPROVED

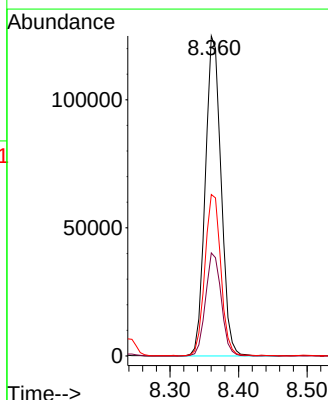
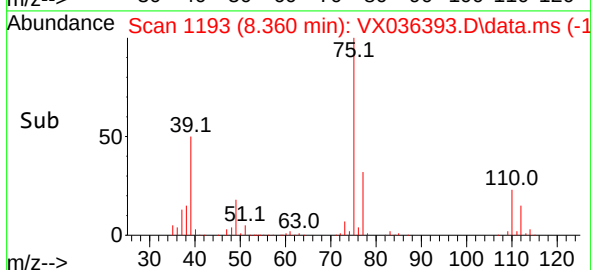
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

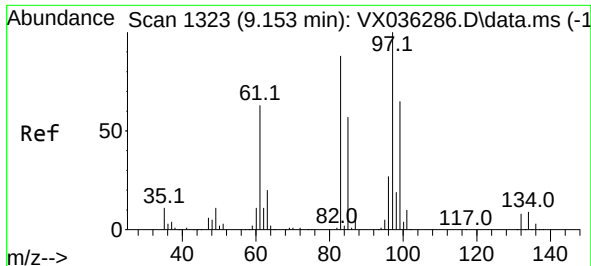


#54
cis-1,3-Dichloropropene
Concen: 54.448 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



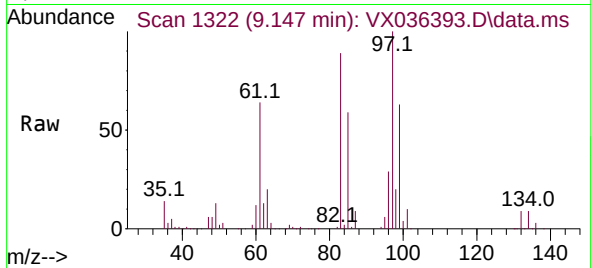
Tgt Ion: 75 Resp: 200707
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 50.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.890 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

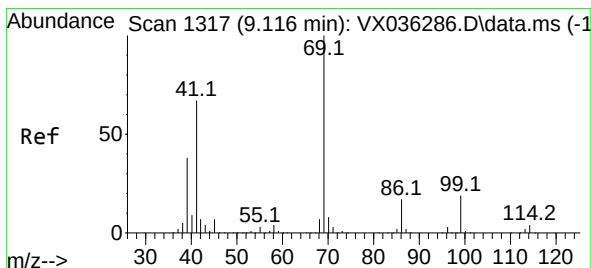
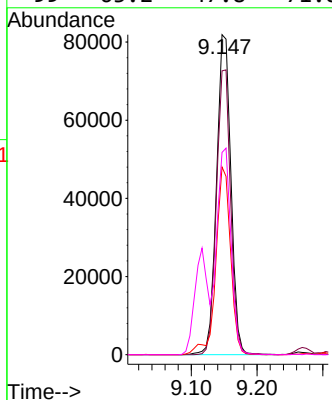
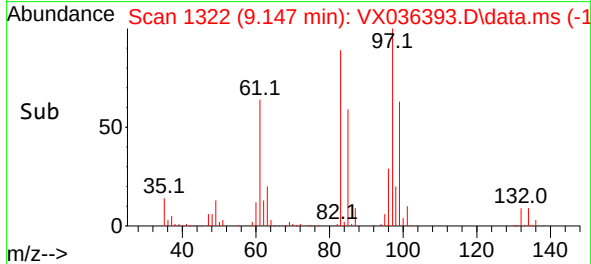
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



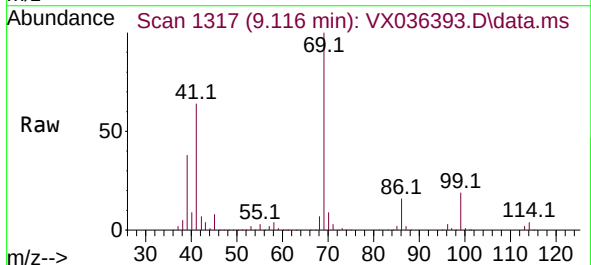
Tgt Ion: 97 Resp: 12480
Ion Ratio Lower Upper
97 100
83 88.7 65.8 98.8
85 58.6 41.6 62.4
99 63.2 47.8 71.8

Manual Integrations
APPROVED

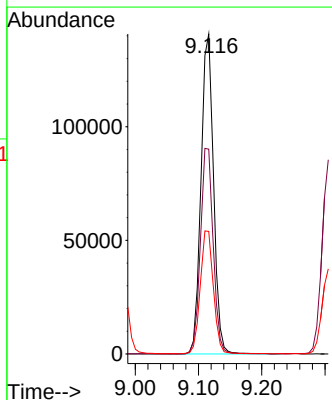
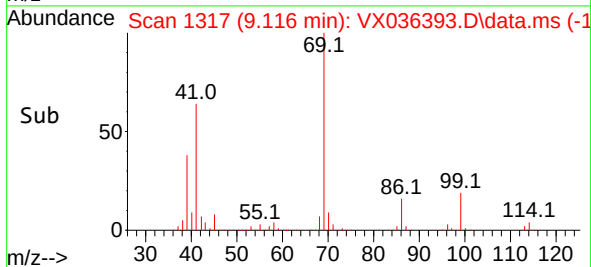
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

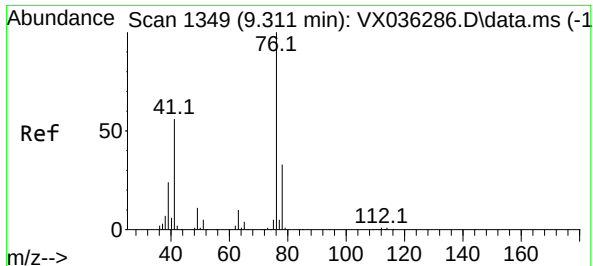


#56
Ethyl methacrylate
Concen: 53.027 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



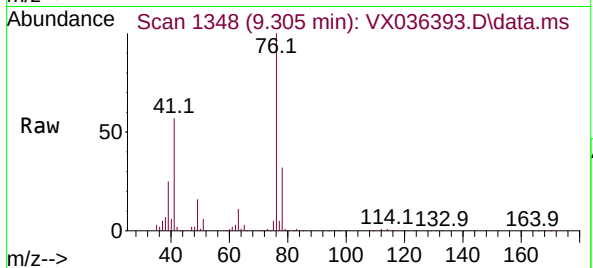
Tgt Ion: 69 Resp: 194513
Ion Ratio Lower Upper
69 100
41 65.8 56.8 85.2
39 40.4 32.0 48.0





#57
1,3-Dichloropropane
Concen: 49.843 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

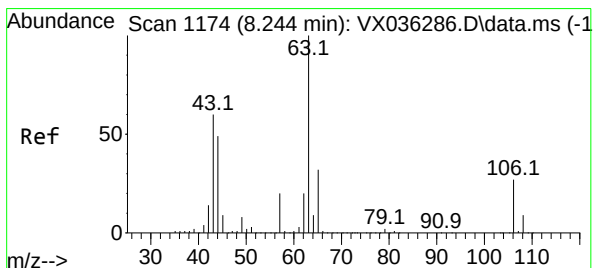
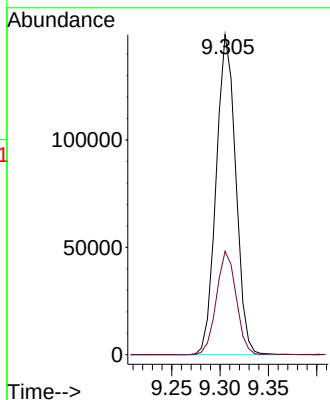
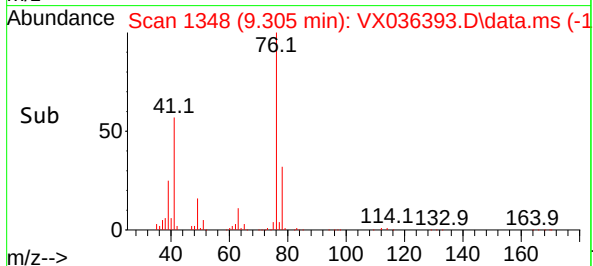
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 209492
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

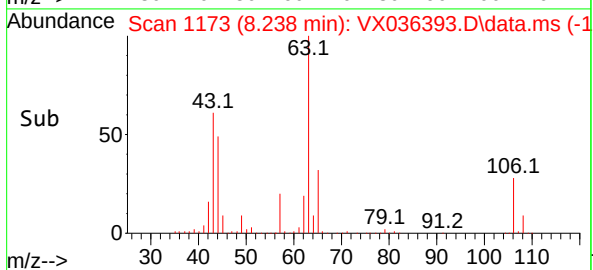
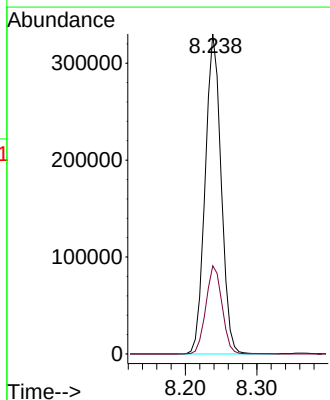
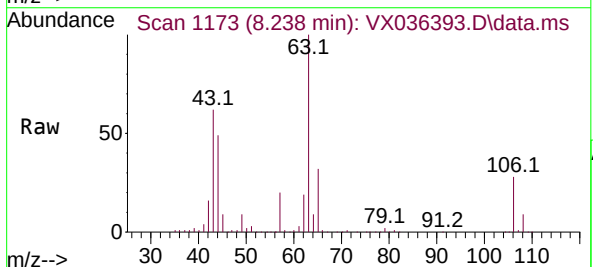
Manual Integrations
APPROVED

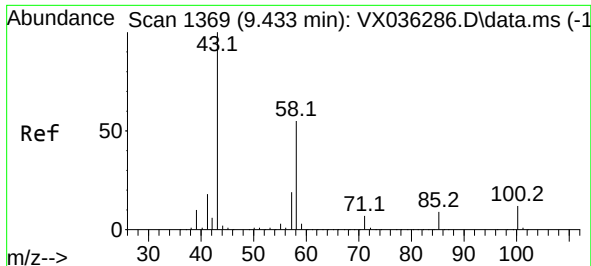
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 248.121 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

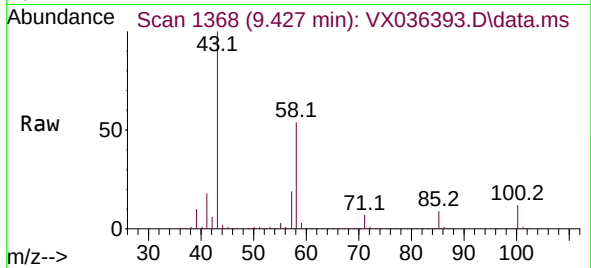
Tgt Ion: 63 Resp: 511497
Ion Ratio Lower Upper
63 100
106 27.9 22.5 33.7





#59
2-Hexanone
Concen: 262.414 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

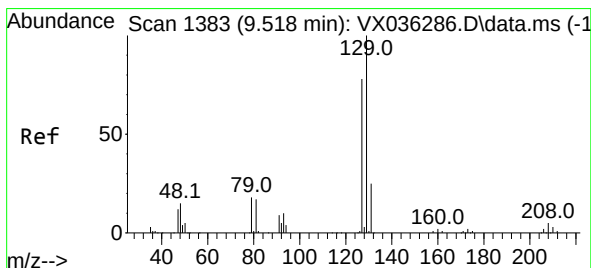
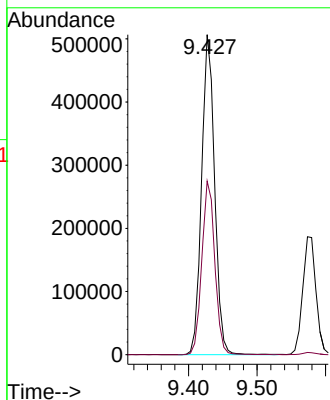
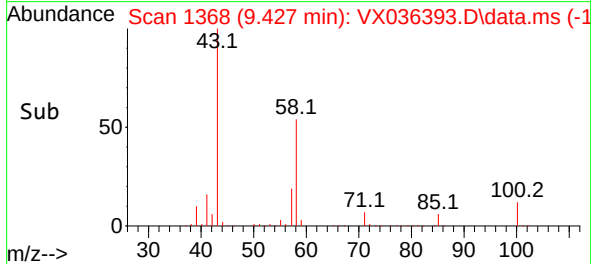
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 669100
Ion Ratio Lower Upper
43 100
58 54.3 26.2 78.5

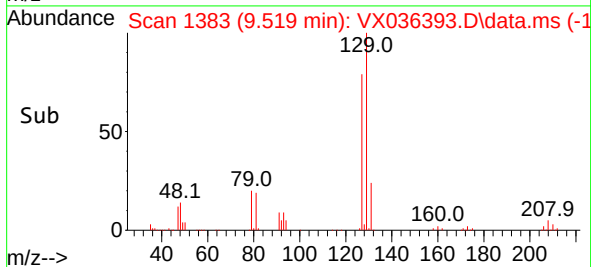
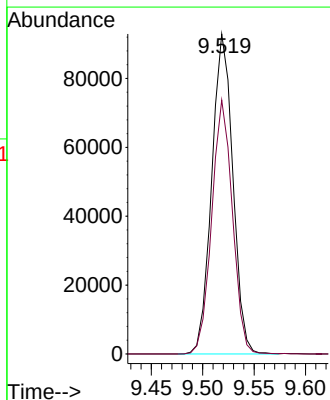
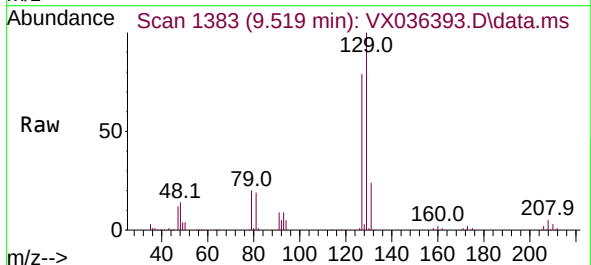
Manual Integrations
APPROVED

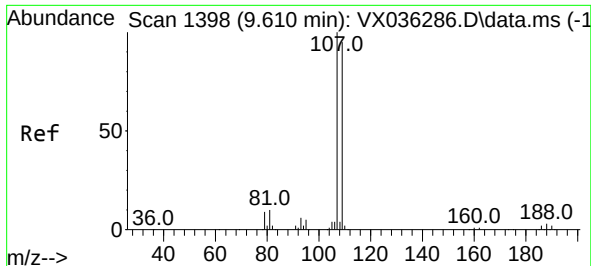
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#60
Dibromochloromethane
Concen: 55.722 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

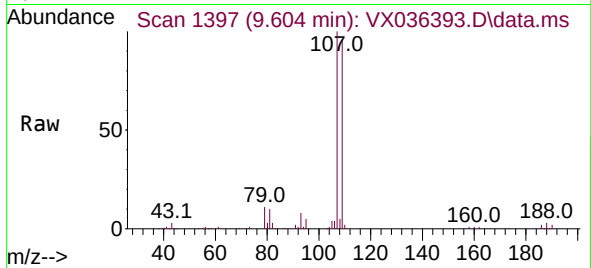
Tgt Ion:129 Resp: 132773
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.293 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

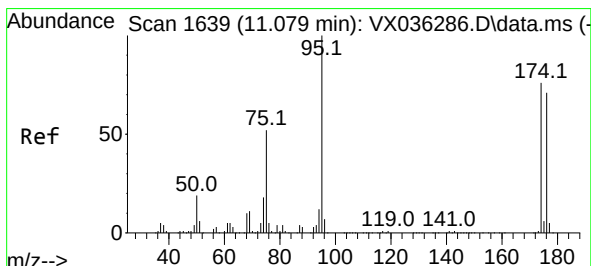
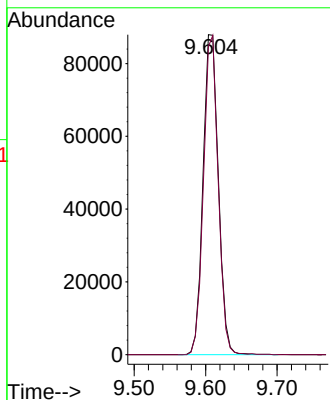
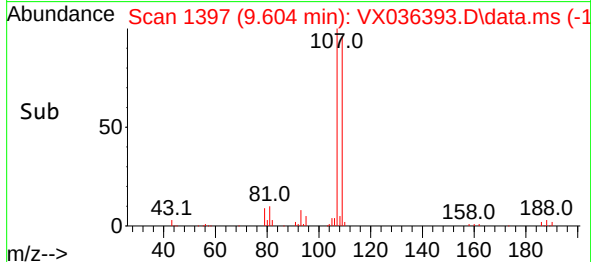
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 130894
Ion Ratio Lower Upper
107 100
109 95.7 75.2 112.8

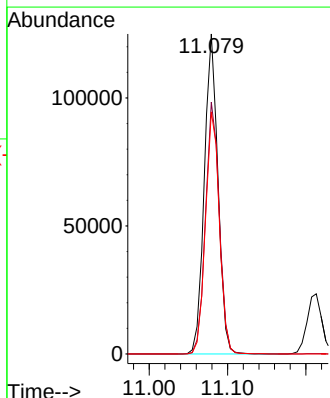
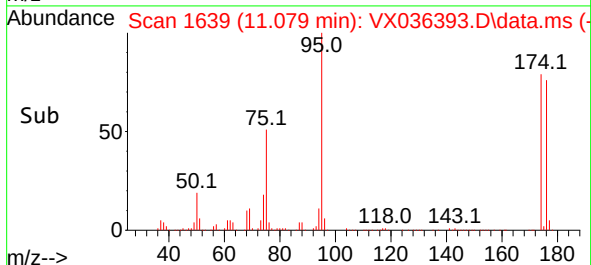
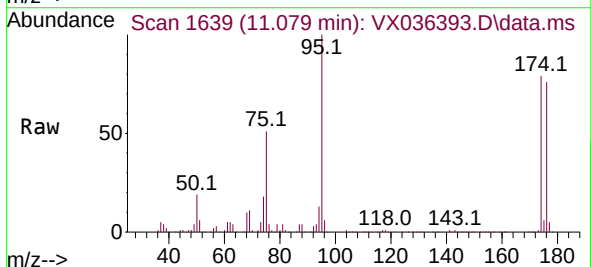
Manual Integrations
APPROVED

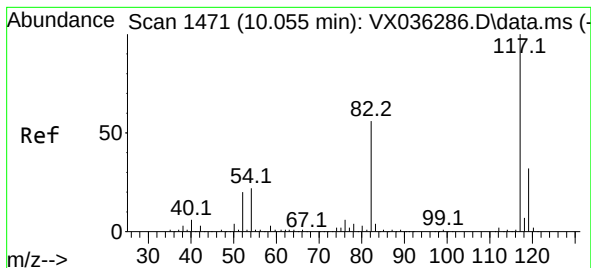
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#62
4-Bromofluorobenzene
Concen: 51.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

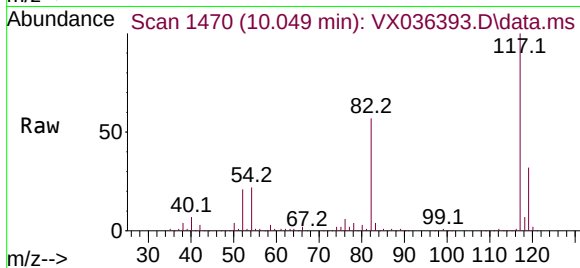
Tgt Ion: 95 Resp: 150600
Ion Ratio Lower Upper
95 100
174 79.7 0.0 135.6
176 77.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

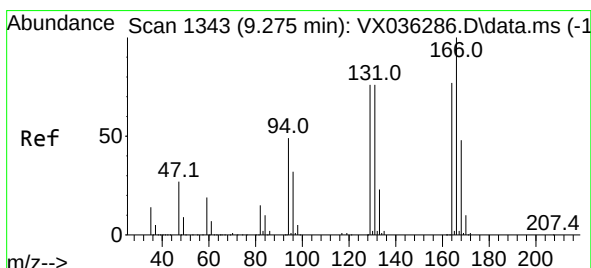
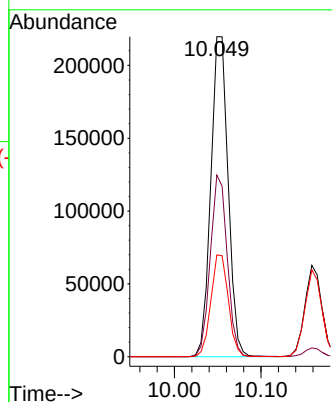
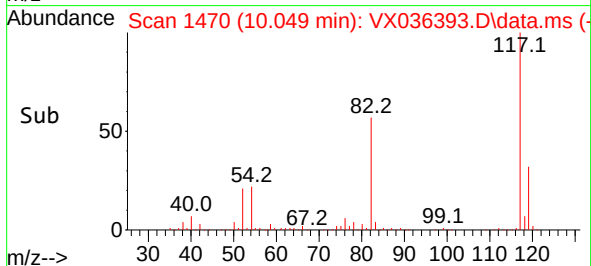
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 305244
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 31.8 25.5 38.3

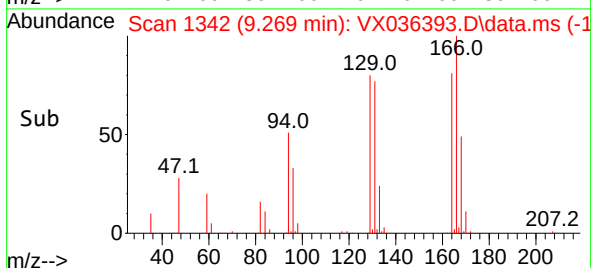
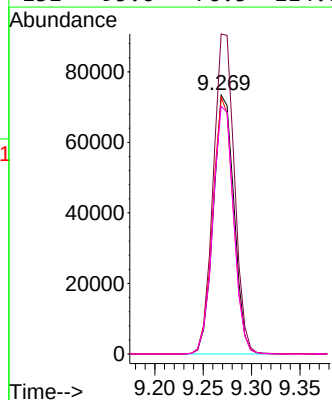
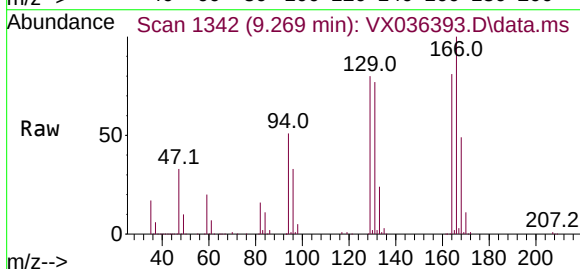
Manual Integrations
APPROVED

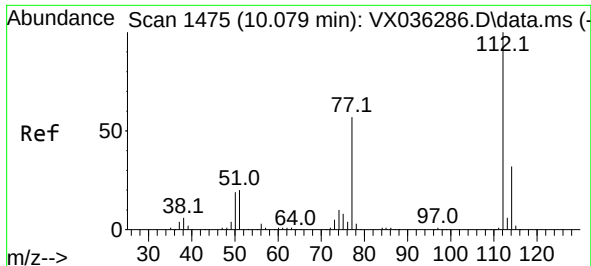
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#64
Tetrachloroethene
Concen: 50.565 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

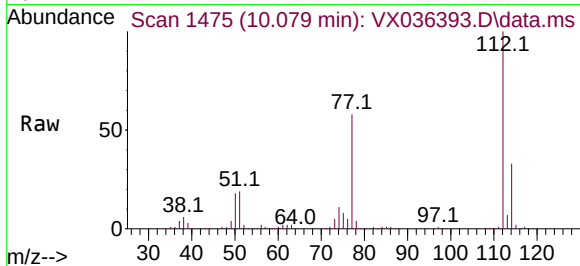
Tgt Ion:164 Resp: 108981
Ion Ratio Lower Upper
164 100
166 123.6 102.7 154.1
129 99.1 80.4 120.6
131 95.6 76.5 114.7





#65
Chlorobenzene
Concen: 50.164 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

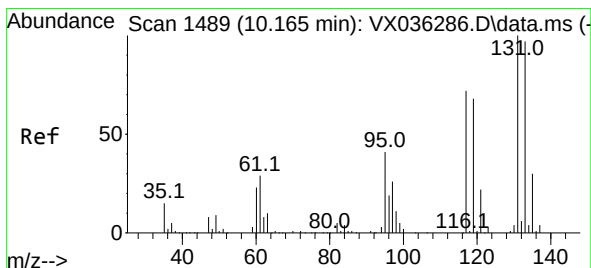
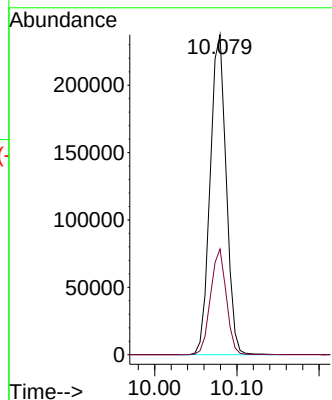
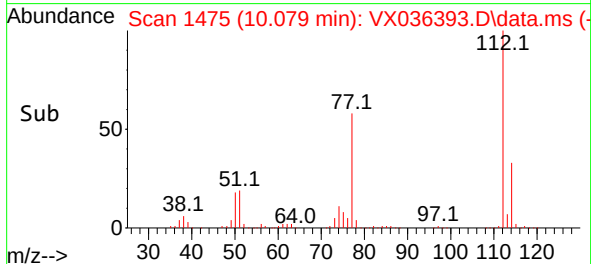
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 321889
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

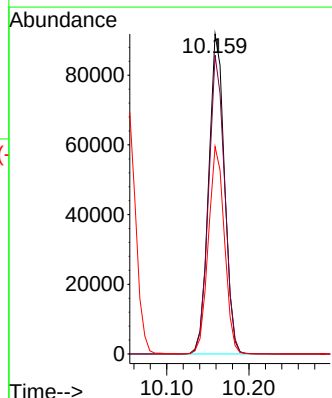
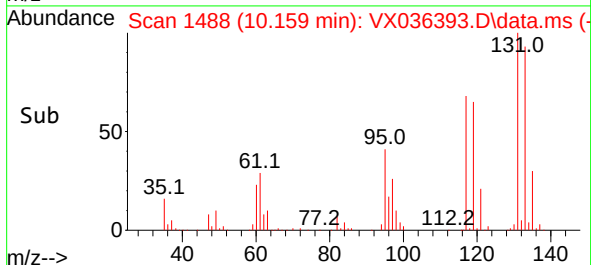
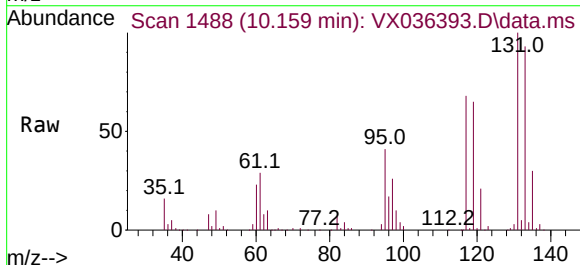
Manual Integrations
APPROVED

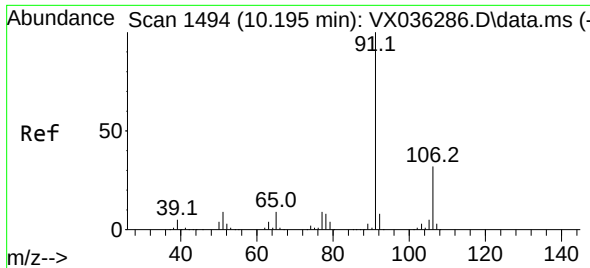
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.665 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

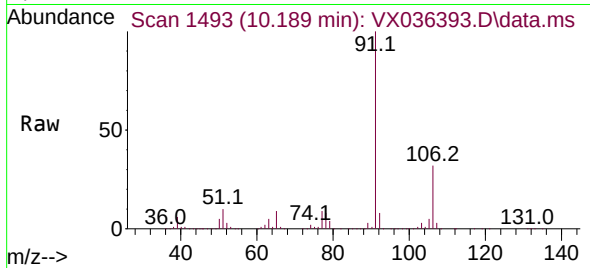
Tgt Ion:131 Resp: 122901
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 49.910 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

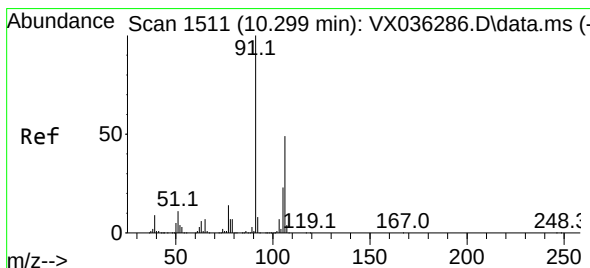
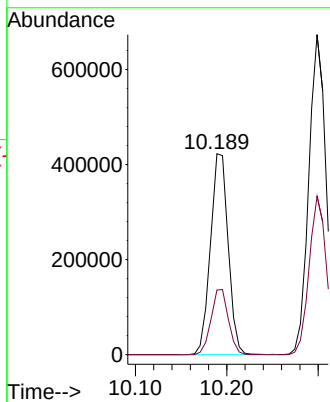
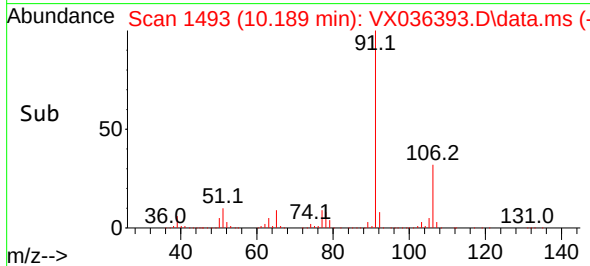
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 569352
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

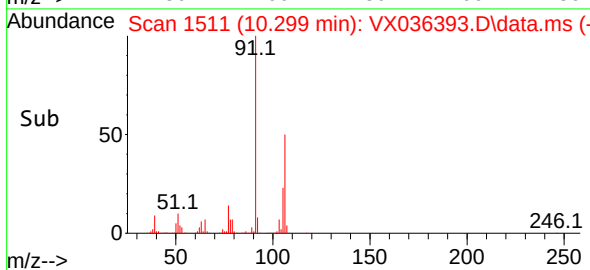
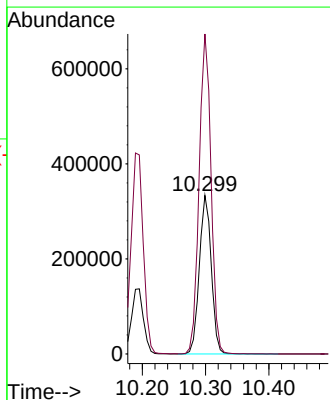
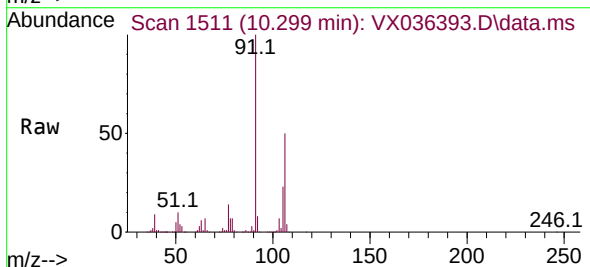
Manual Integrations
APPROVED

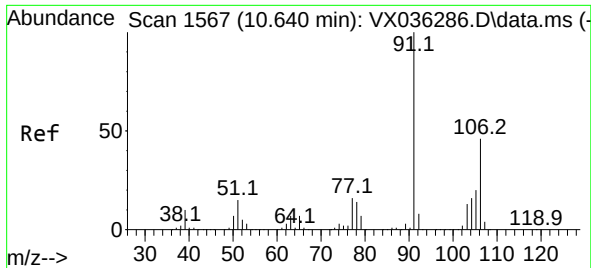
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#68
m/p-Xylenes
Concen: 98.975 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion:106 Resp: 438662
Ion Ratio Lower Upper
106 100
91 201.5 165.5 248.3





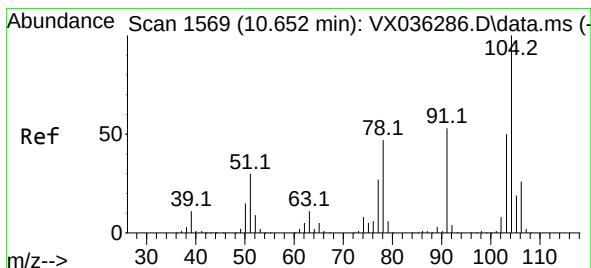
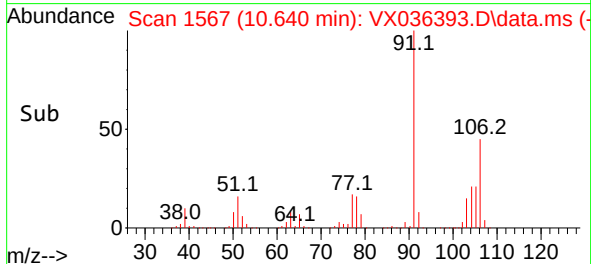
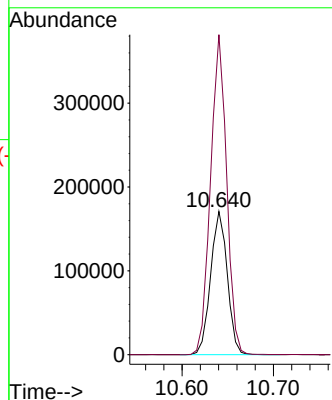
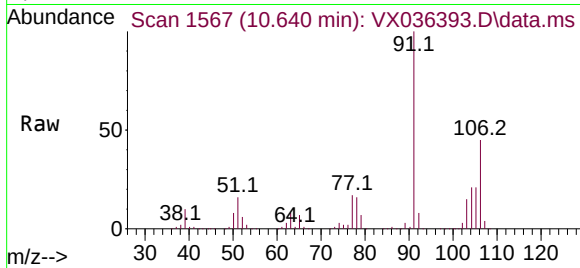
#69
o-Xylene
Concen: 50.383 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 215639
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8

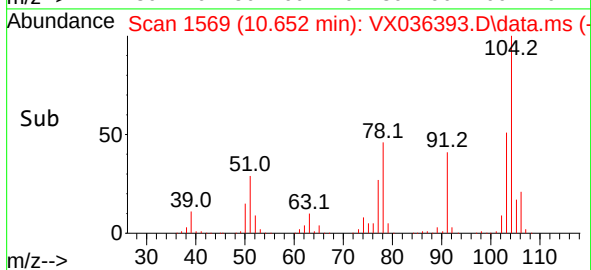
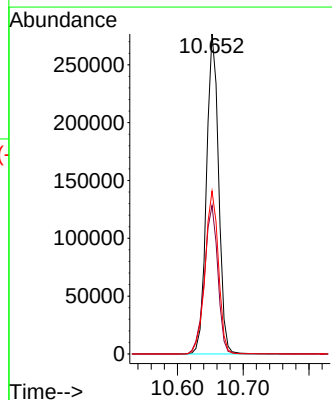
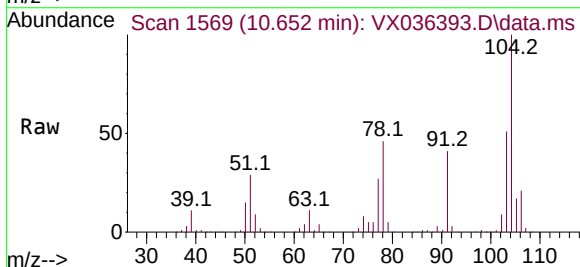
Manual Integrations
APPROVED

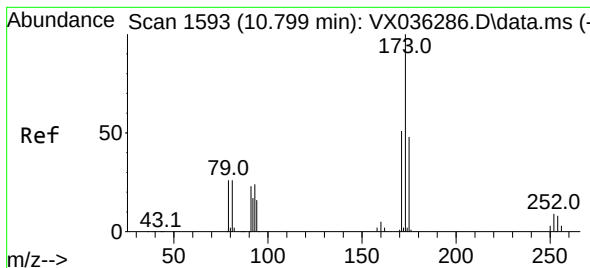
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#70
Styrene
Concen: 50.711 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

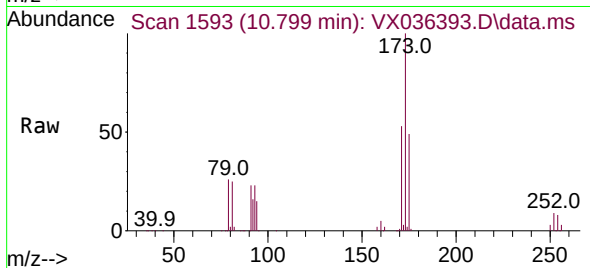
Tgt Ion:104 Resp: 355363
Ion Ratio Lower Upper
104 100
78 51.2 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 59.824 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

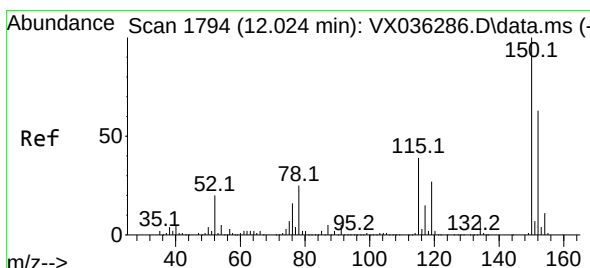
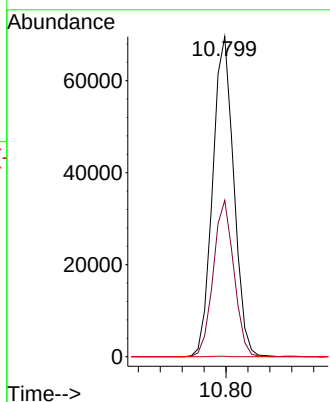
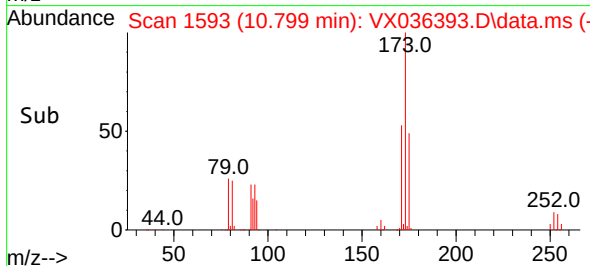
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



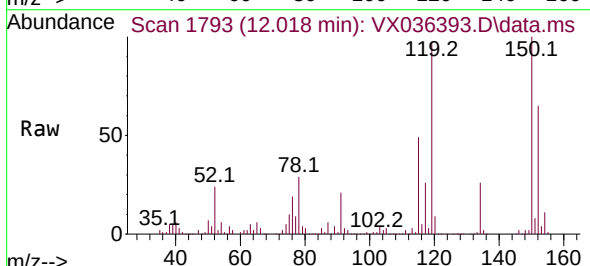
Tgt Ion:173 Resp: 9306
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

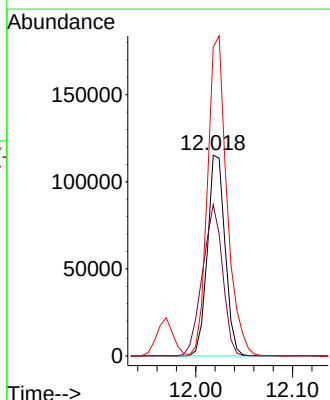
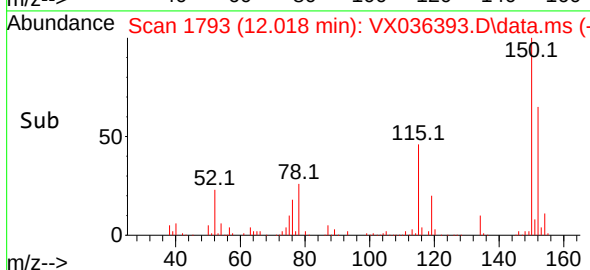
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

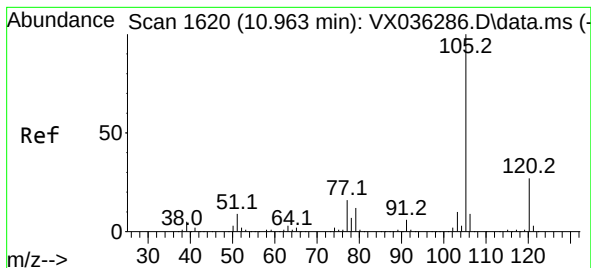


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



Tgt Ion:152 Resp: 146284
Ion Ratio Lower Upper
152 100
115 86.2 43.3 129.9
150 174.9 0.0 345.0





#73

Isopropylbenzene

Concen: 51.026 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 56251

Ion Ratio Lower Upper

105 100

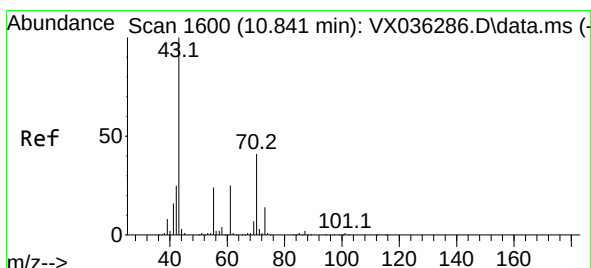
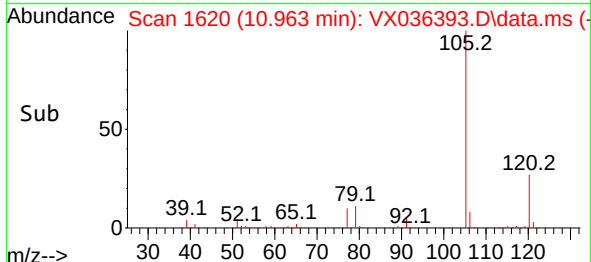
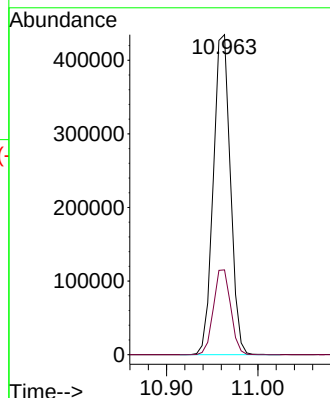
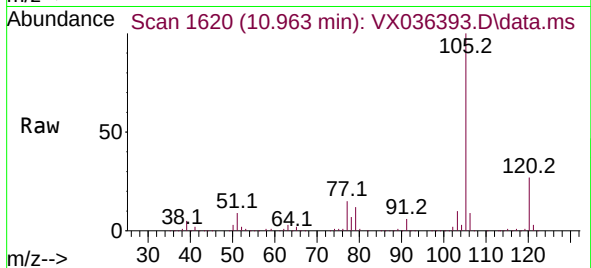
120 26.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#74

N-ethyl acetate

Concen: 55.574 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Tgt Ion: 43 Resp: 242329

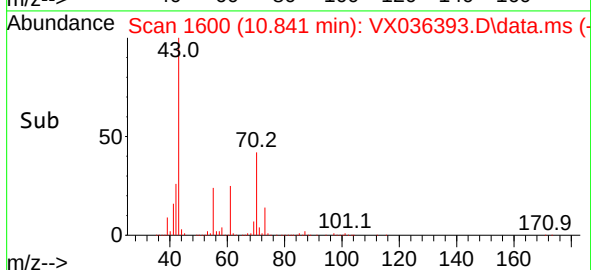
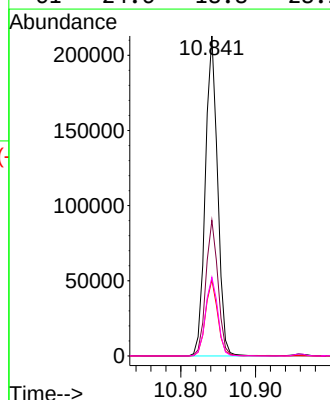
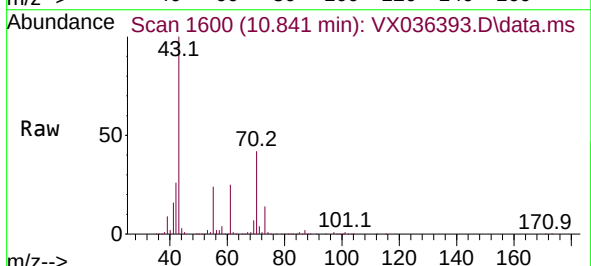
Ion Ratio Lower Upper

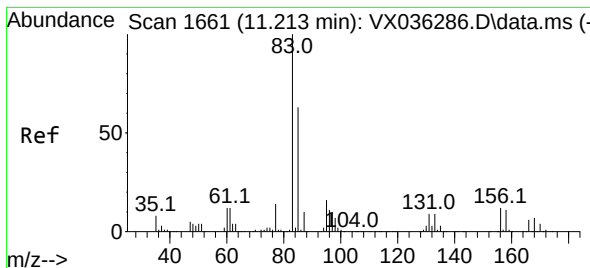
43 100

70 42.0 32.9 49.3

55 23.6 19.3 28.9

61 24.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.842 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 193530

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

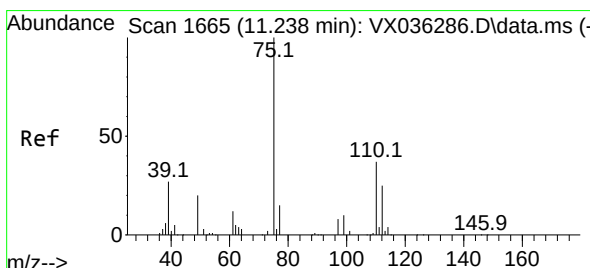
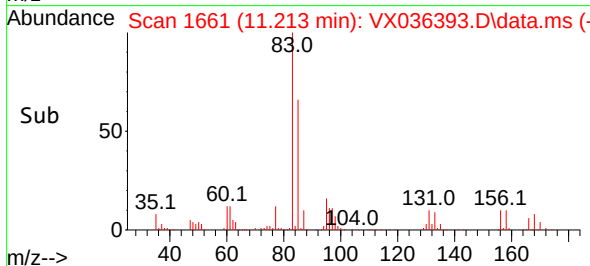
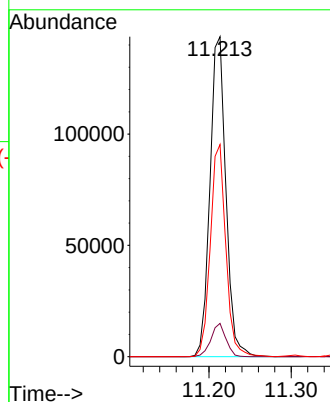
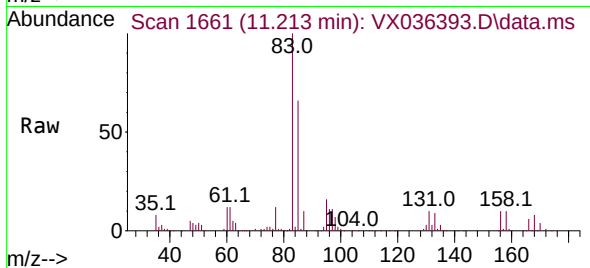
85 64.5 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#76

1,2,3-Trichloropropane

Concen: 51.719 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036393.D

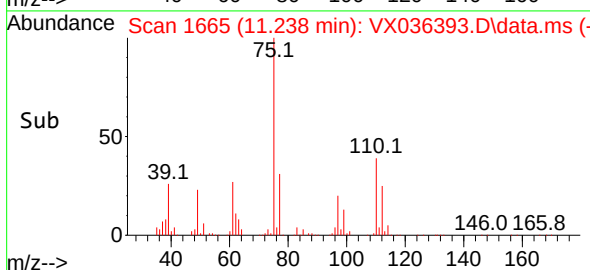
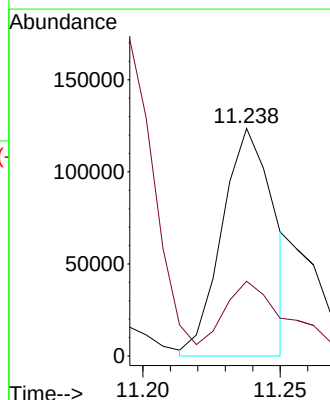
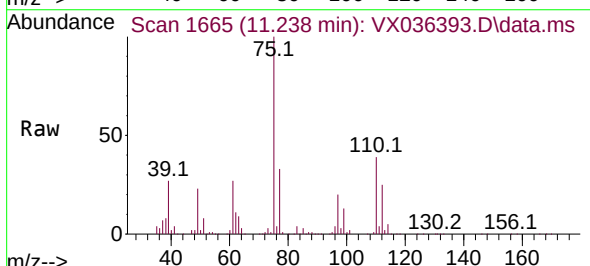
Acq: 30 Jun 2023 16:32

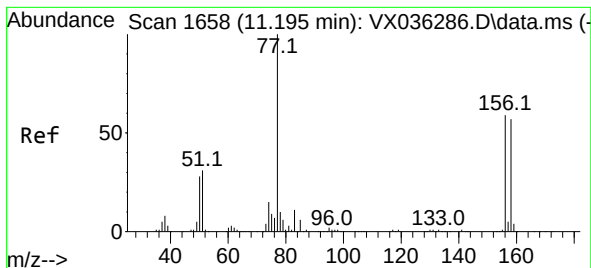
Tgt Ion: 75 Resp: 161379

Ion Ratio Lower Upper

75 100

77 41.8 19.1 57.5





#77

Bromobenzene

Concen: 49.863 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

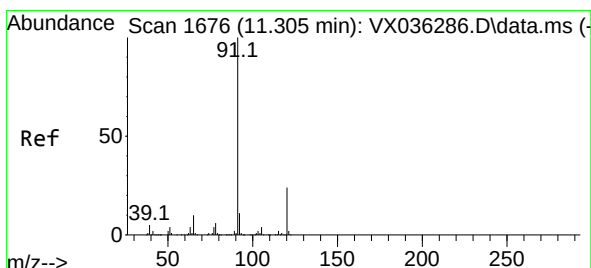
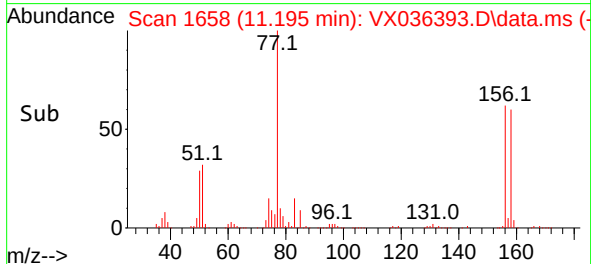
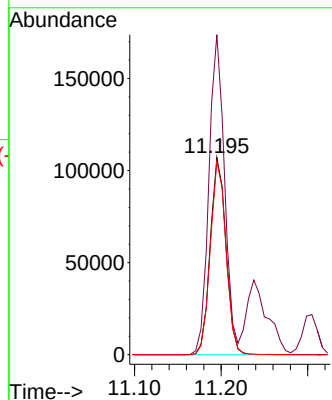
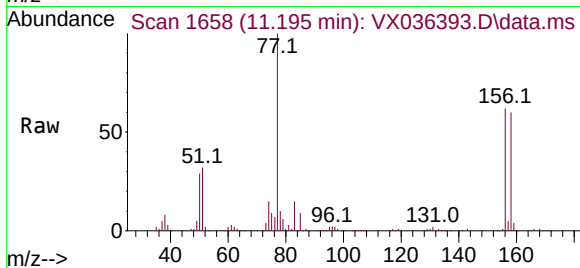
Tgt Ion:	156	Resp:	135164
Ion Ratio	Lower	Upper	
156	100		
77	160.8	88.4	265.3
158	97.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#78

n-propylbenzene

Concen: 50.921 ug/l

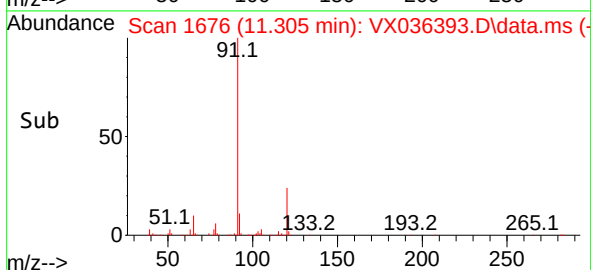
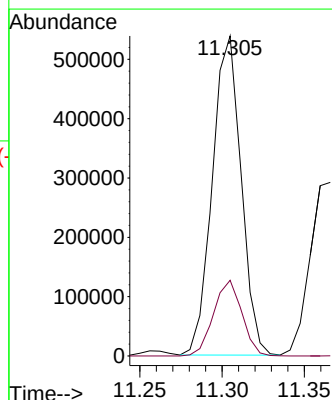
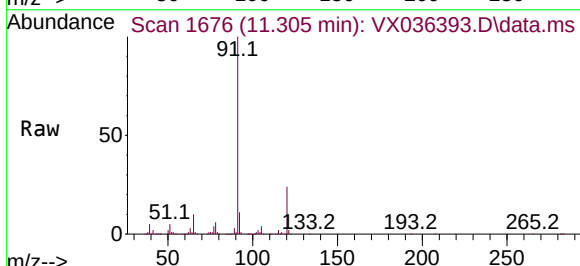
RT: 11.305 min Scan# 1676

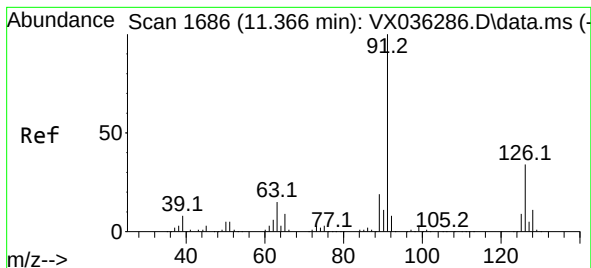
Delta R.T. -0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Tgt Ion:	91	Resp:	655586
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





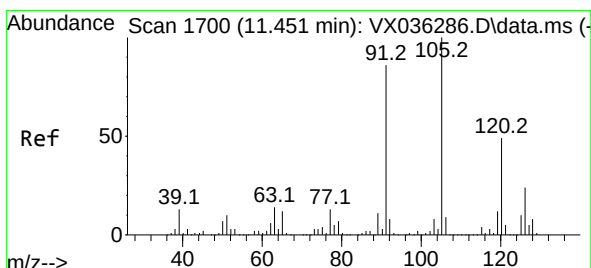
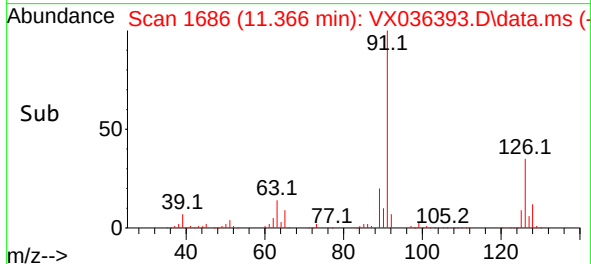
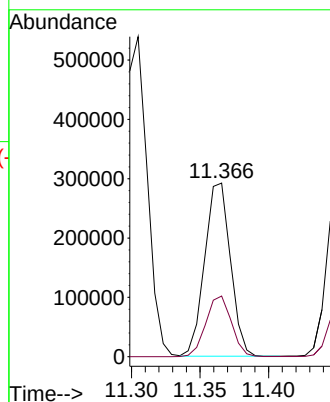
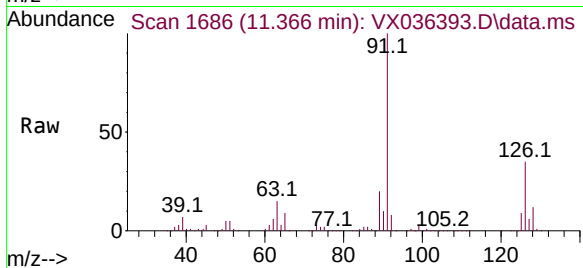
#79
2-Chlorotoluene
Concen: 49.985 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 382820
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

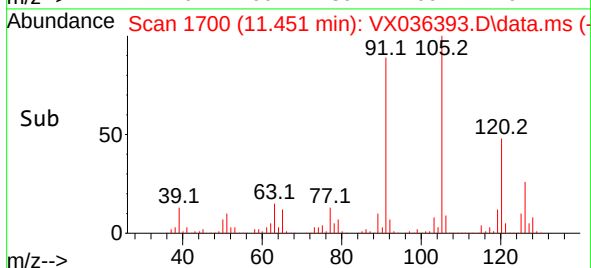
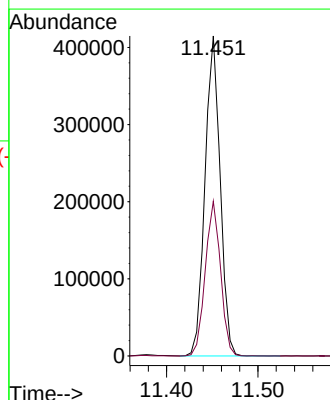
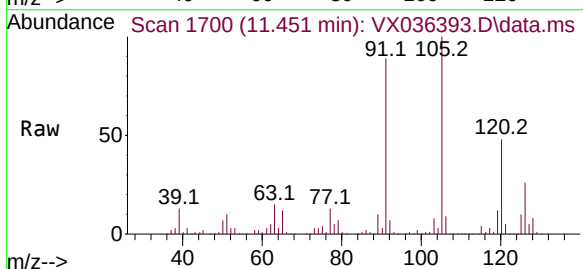
Manual Integrations
APPROVED

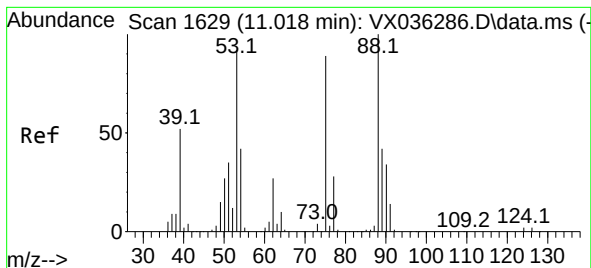
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.010 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion:105 Resp: 476232
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





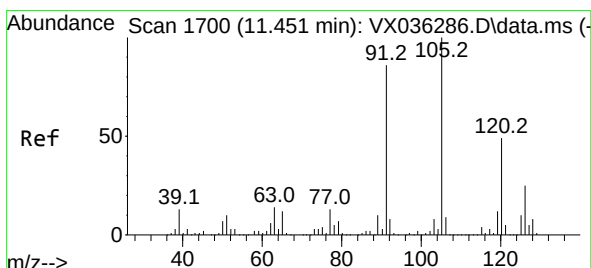
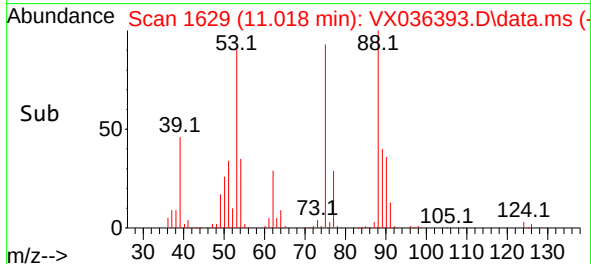
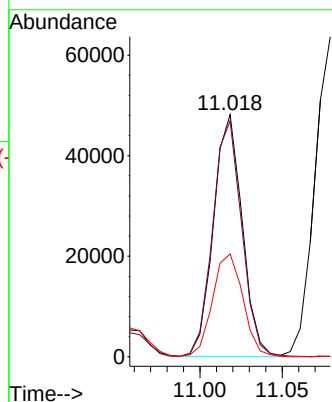
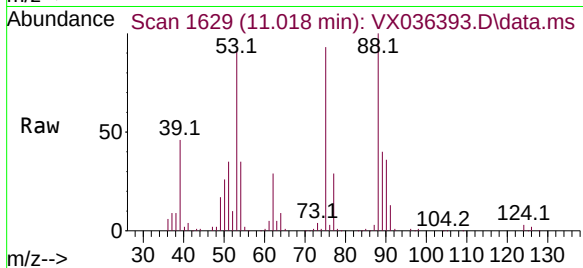
#81
trans-1,4-Dichloro-2-butene
Concen: 60.760 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 58160
Ion Ratio Lower Upper
75 100
53 98.9 90.5 135.7
89 45.1 36.9 55.3

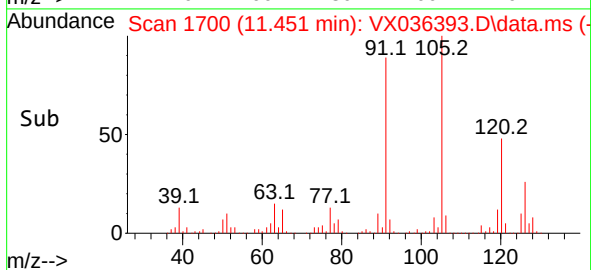
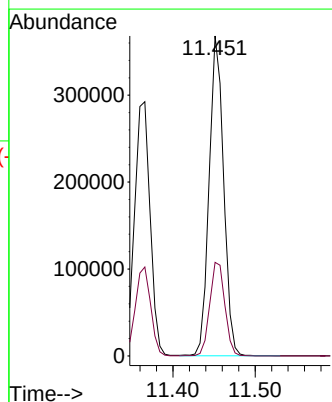
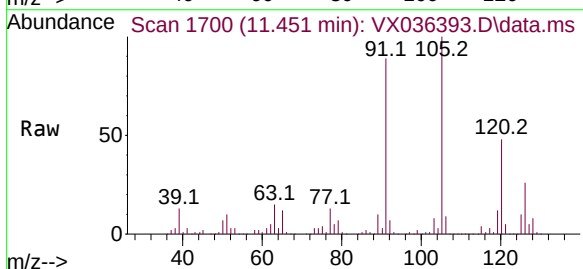
Manual Integrations
APPROVED

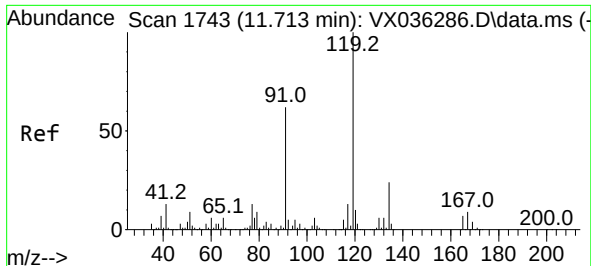
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#82
4-Chlorotoluene
Concen: 50.486 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

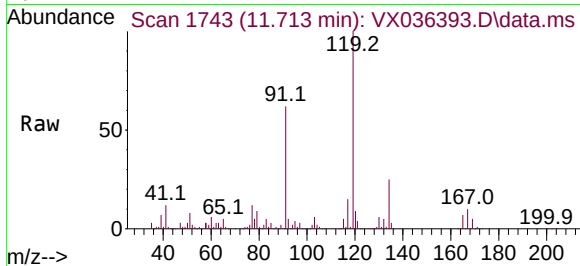
Tgt Ion: 91 Resp: 450163
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.261 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

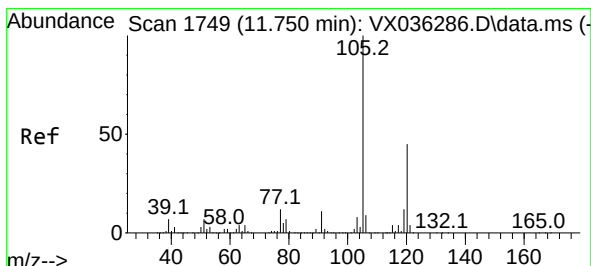
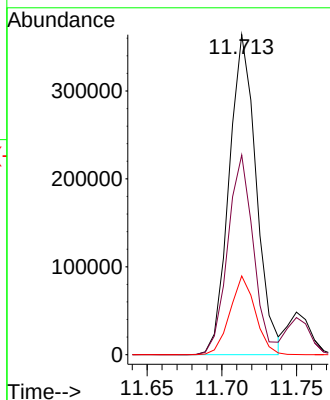
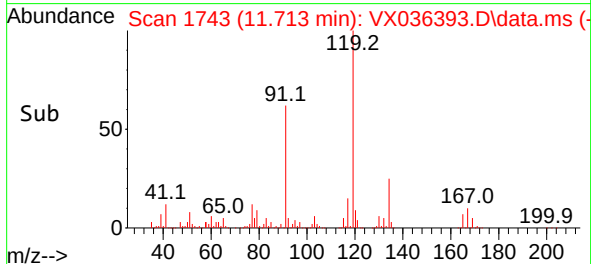
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



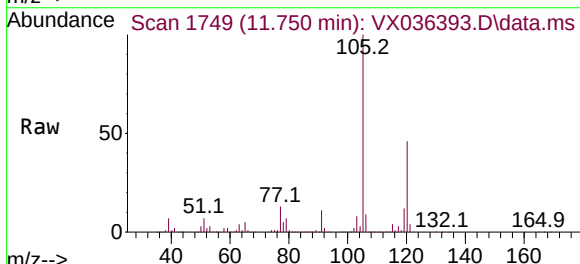
Tgt Ion:119 Resp: 458652
Ion Ratio Lower Upper
119 100
91 59.6 31.2 93.6
134 23.0 11.7 35.0

Manual Integrations
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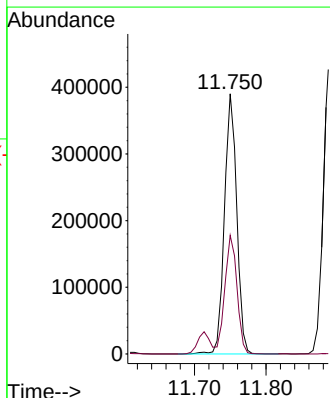
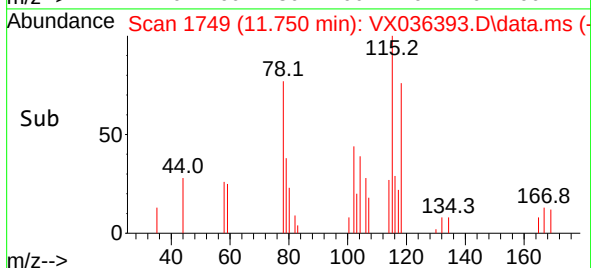
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

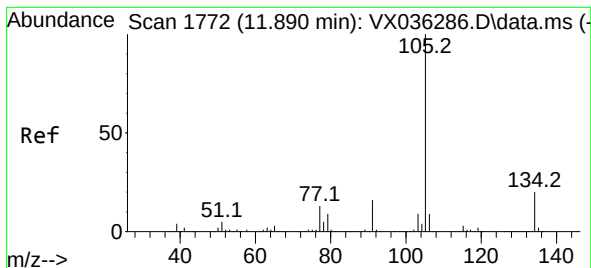


#84
1,2,4-Trimethylbenzene
Concen: 50.440 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



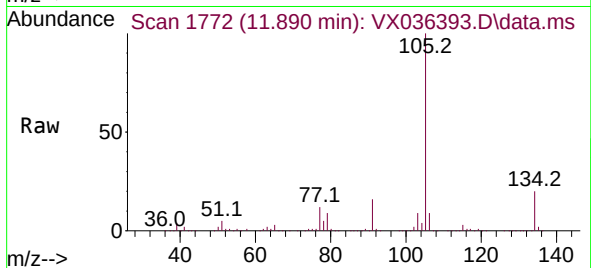
Tgt Ion:105 Resp: 465882
Ion Ratio Lower Upper
105 100
120 45.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.465 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036393.D
 Acq: 30 Jun 2023 16:32

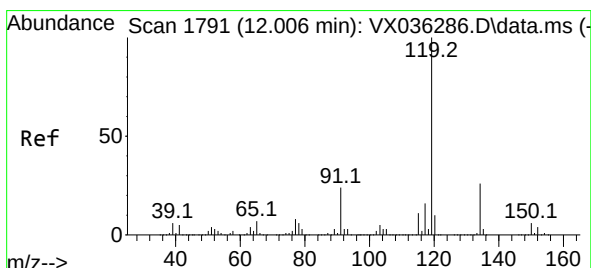
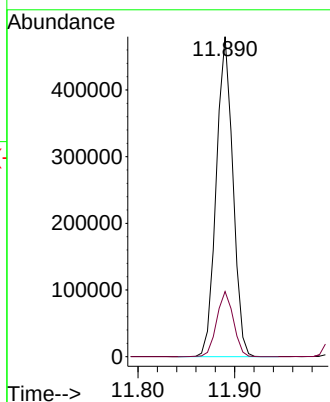
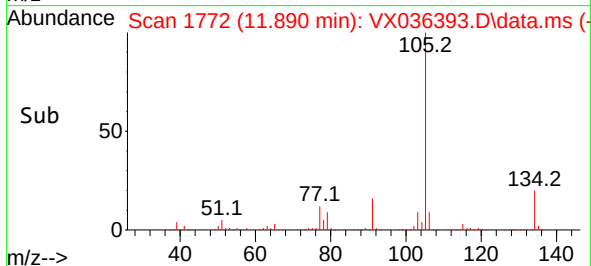
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 57202
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

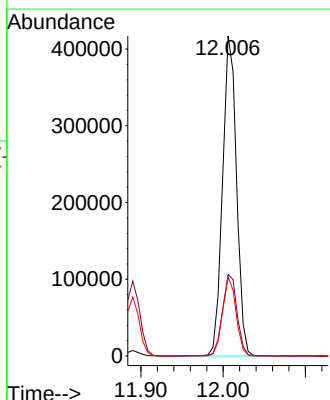
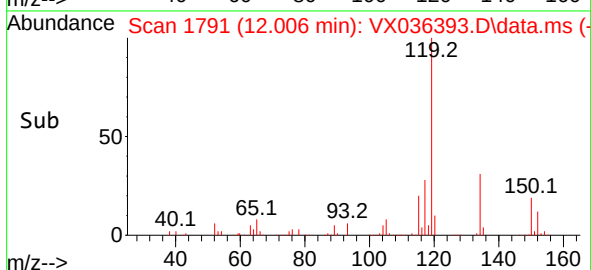
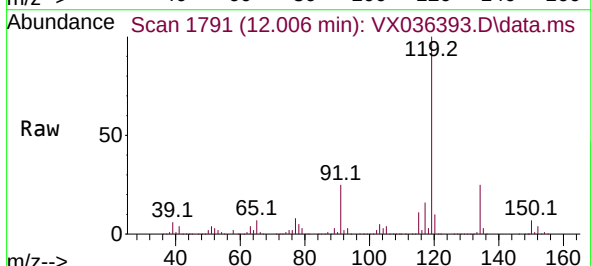
Manual Integrations
 APPROVED

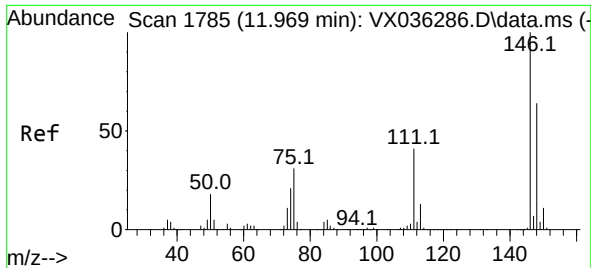
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023



#86
 p-Isopropyltoluene
 Concen: 51.706 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036393.D
 Acq: 30 Jun 2023 16:32

Tgt Ion:119 Resp: 491867
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.919 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036393.D

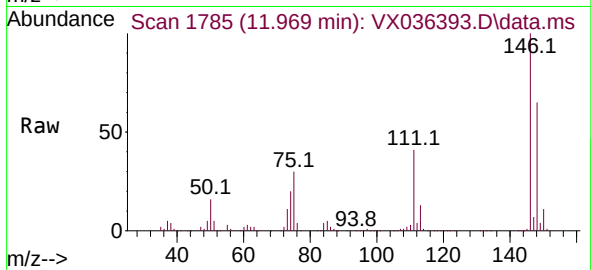
Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 25377

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.1

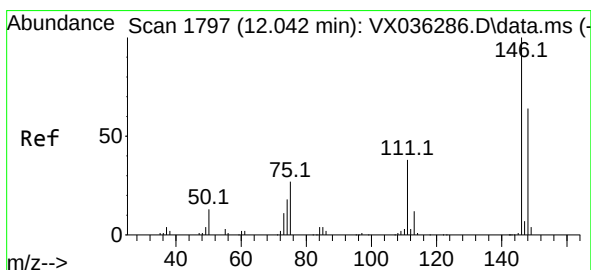
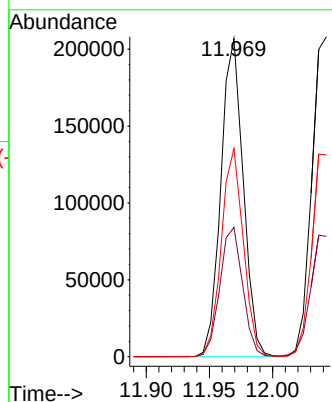
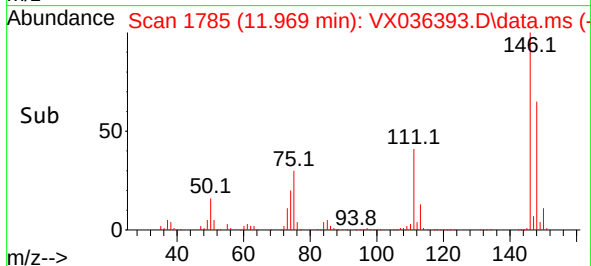
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#88

1,4-Dichlorobenzene

Concen: 50.952 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

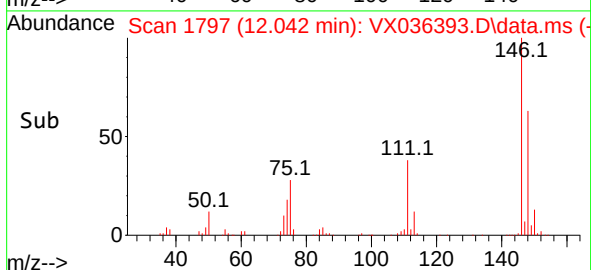
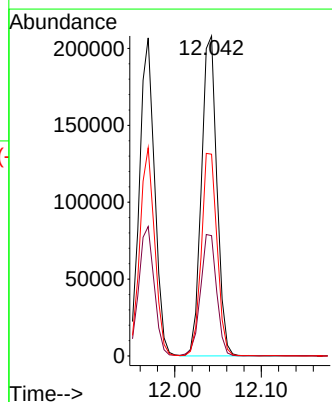
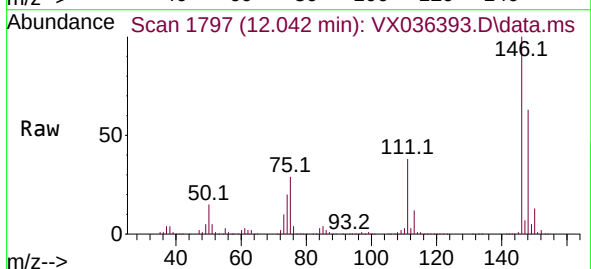
Tgt Ion:146 Resp: 258575

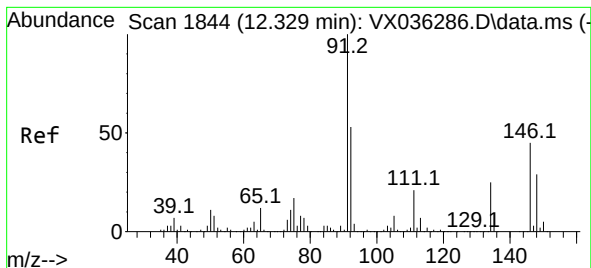
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

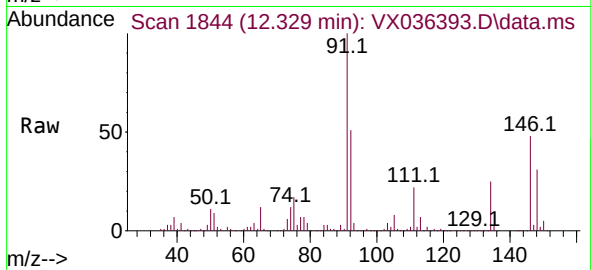
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 51.583 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

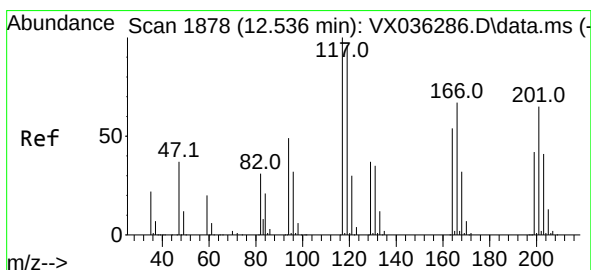
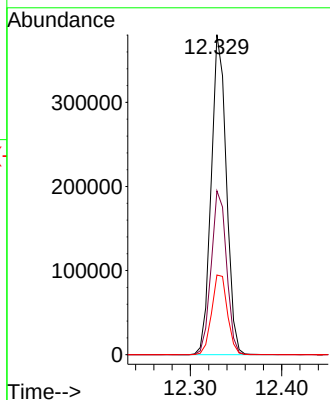
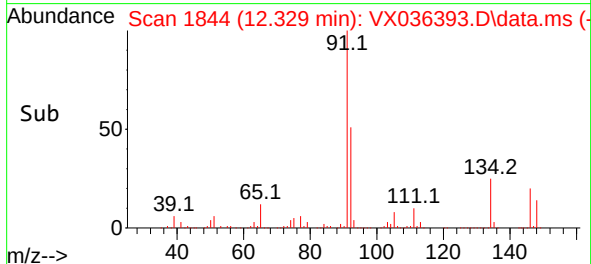
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



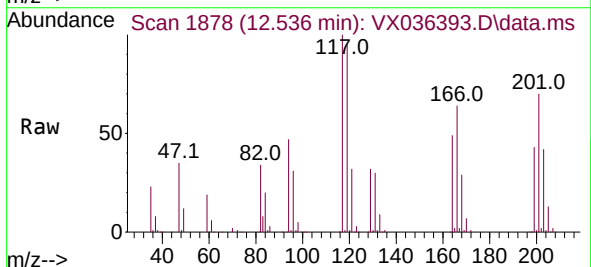
Tgt Ion: 91 Resp: 436700
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 25.9 12.6 37.8

Manual Integrations
APPROVED

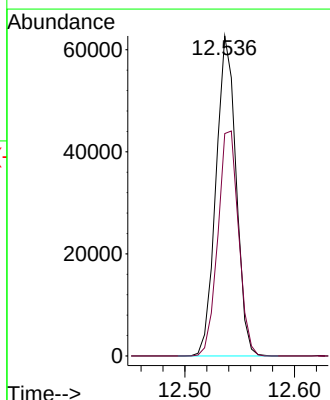
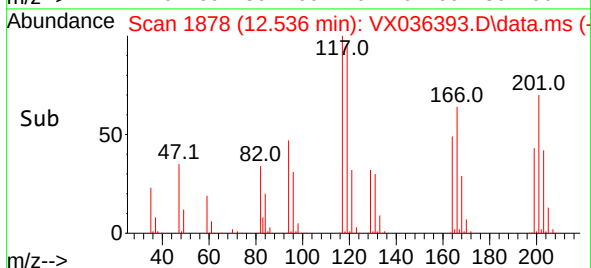
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

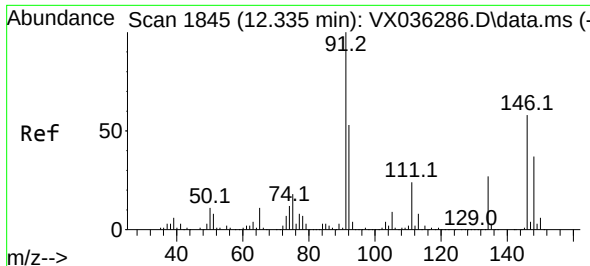


#90
Hexachloroethane
Concen: 55.399 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32



Tgt Ion:117 Resp: 79818
Ion Ratio Lower Upper
117 100
201 72.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.112 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

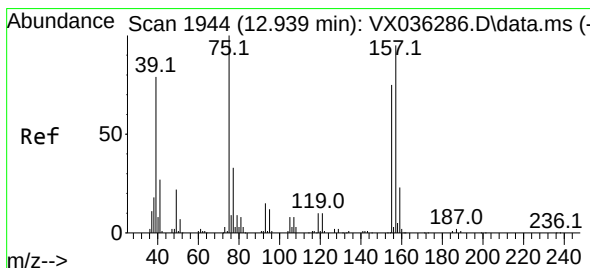
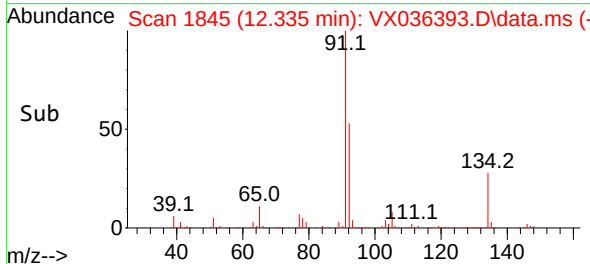
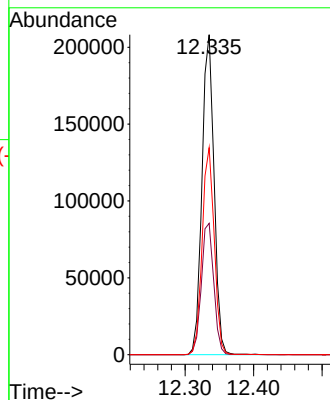
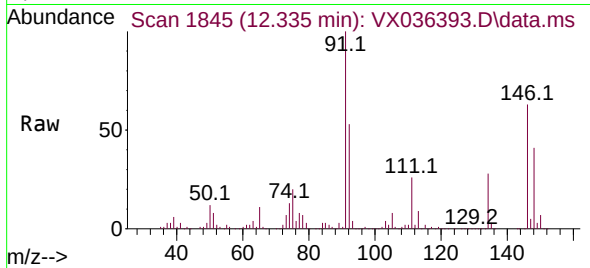
Tgt Ion:146 Resp: 25573
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.0
148 64.8 31.6 95.0

Manual Integrations

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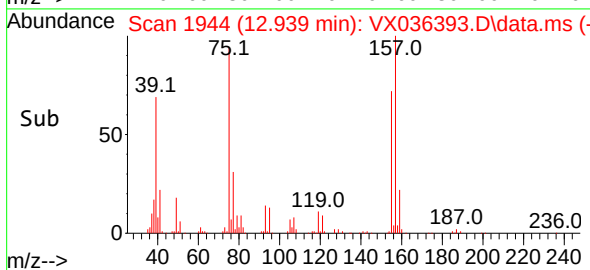
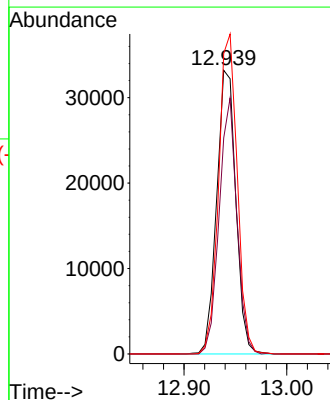
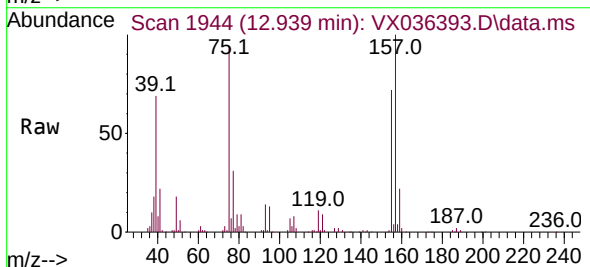
Reviewed By :John Carlone 07/06/2023

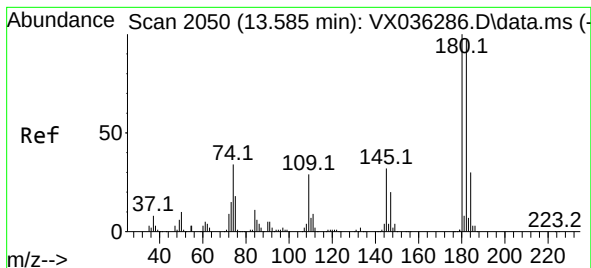
Supervised By :Mahesh Dadoda 07/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.426 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion: 75 Resp: 42847
Ion Ratio Lower Upper
75 100
155 83.5 36.1 108.5
157 109.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 56.175 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 169799

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

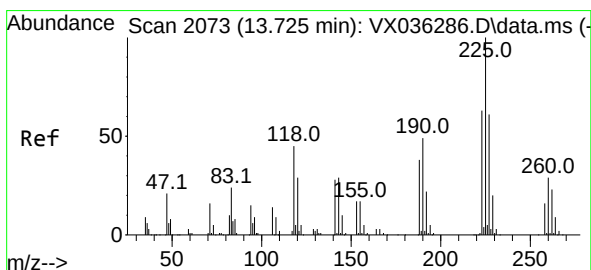
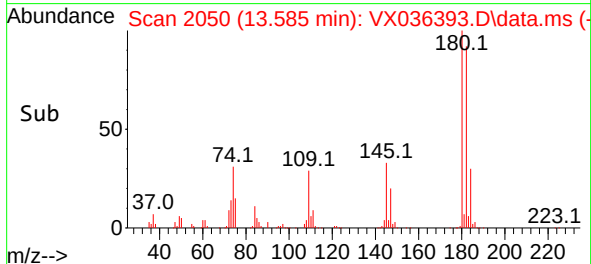
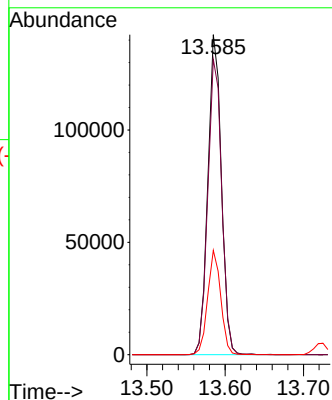
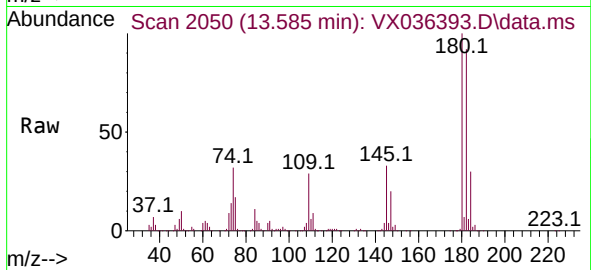
145 31.7 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#94

Hexachlorobutadiene

Concen: 50.918 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036393.D

Acq: 30 Jun 2023 16:32

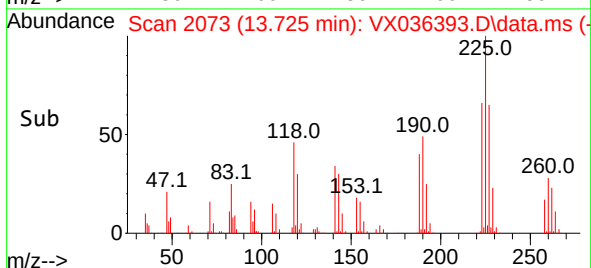
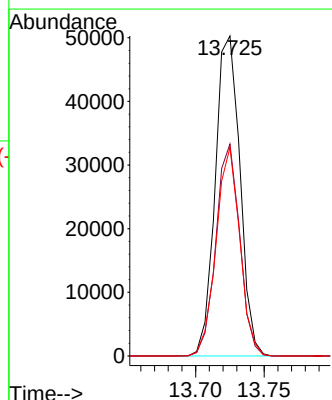
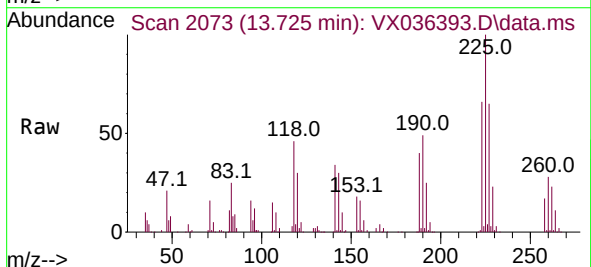
Tgt Ion:225 Resp: 63034

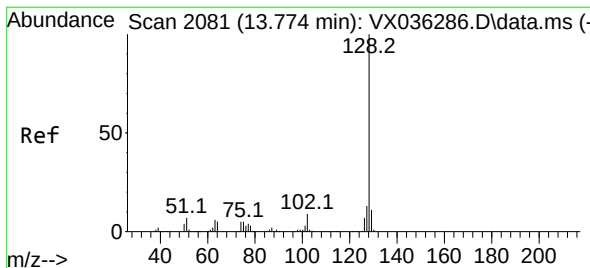
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

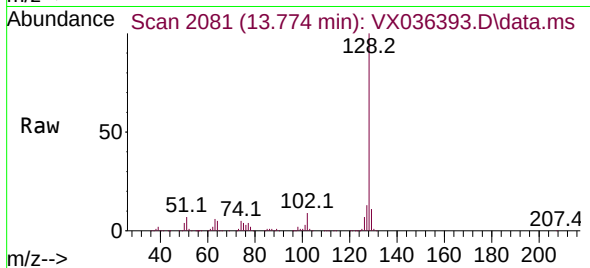
227 62.3 32.5 97.5





#95
Naphthalene
Concen: 57.570 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

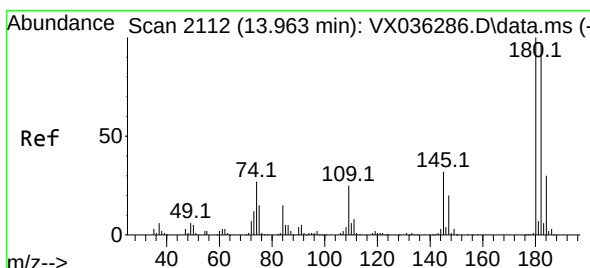
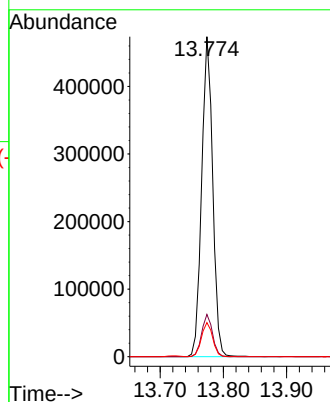
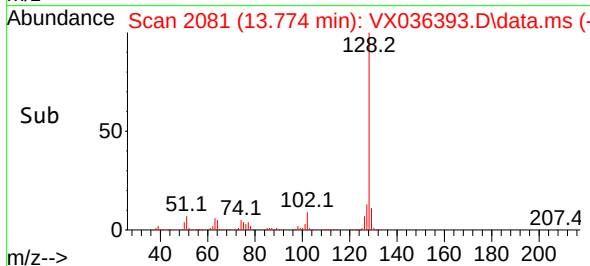
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 574890
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
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#96
1,2,3-Trichlorobenzene
Concen: 57.760 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036393.D
Acq: 30 Jun 2023 16:32

Tgt Ion:180 Resp: 170306
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 33.5 17.8 53.5

