

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037653.D
 Acq On : 11 Sep 2023 20:38
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 12 09:59:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1908	1.140	ug/l	100
3) Chloromethane	1.301	50	2365	1.205	ug/l	94
4) Vinyl Chloride	1.374	62	2642	1.223	ug/l	96
6) Chloroethane	1.685	64	1838m	1.252	ug/l	
7) Trichlorofluoromethane	1.886	101	3861	1.054	ug/l	97
8) Diethyl Ether	2.136	74	1454	0.982	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	1855	1.145	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1840	1.156	ug/l #	58
14) Allyl chloride	2.666	41	3121	1.102	ug/l	96
15) Acrylonitrile	3.069	53	5658	4.752	ug/l	94
16) Acetone	2.380	43	5763	5.507	ug/l #	79
17) Carbon Disulfide	2.508	76	4842	1.180	ug/l #	93
18) Methyl Acetate	2.709	43	4460	1.017	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	6346	0.988	ug/l #	89
20) Methylene Chloride	2.794	84	3434	0.434	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	1931	1.023	ug/l #	71
22) Diisopropyl ether	3.764	45	6039	0.977	ug/l #	77
23) Vinyl Acetate	3.733	43	19364	4.270	ug/l	97
24) 1,1-Dichloroethane	3.611	63	3627	1.003	ug/l	96
25) 2-Butanone	4.574	43	9007	5.360	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	2293	0.916	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	2290	1.015	ug/l	94
28) Bromochloromethane	4.904	49	1862	1.015	ug/l #	90
29) Tetrahydrofuran	5.032	42	5255	4.848	ug/l #	83
30) Chloroform	5.093	83	3816	0.973	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	2947	0.895	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	3018	1.070	ug/l	99
37) Ethyl Acetate	4.727	43	2665m	0.819	ug/l	
38) Carbon Tetrachloride	5.678	117	2870	1.019	ug/l	88
39) Methylcyclohexane	7.379	83	3325	1.002	ug/l	92
40) Benzene	6.044	78	8005	0.933	ug/l	94
41) Methacrylonitrile	4.940	41	1457	0.843	ug/l #	87
42) 1,2-Dichloroethane	6.098	62	3342	1.005	ug/l	90
43) Isopropyl Acetate	6.348	43	4385	0.853	ug/l #	97
44) Trichloroethene	7.129	130	2223	1.062	ug/l	96
45) 1,2-Dichloropropane	7.434	63	2045	0.908	ug/l #	87

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 ClientSampleId :
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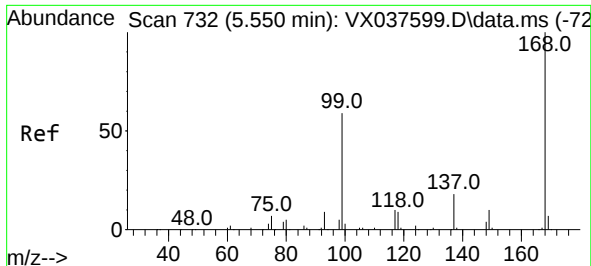
Quant Time: Sep 12 09:59:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
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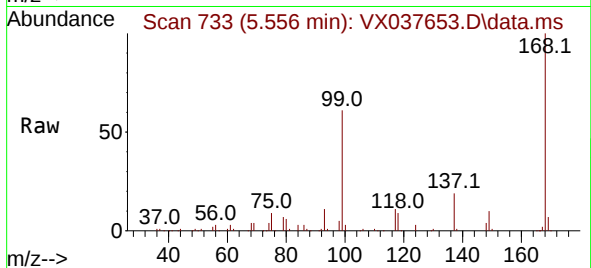
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1541	0.938	ug/l	96
47) Bromodichloromethane	7.830	83	2488	0.845	ug/l	94
48) Methyl methacrylate	7.708	41	2225	0.886	ug/l	90
49) 1,4-Dioxane	7.671	88	1169	18.683	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	14455	4.262	ug/l	97
52) Toluene	8.720	92	5190	0.956	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2190	0.736	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	2687	0.828	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	2066	0.885	ug/l	91
56) Ethyl methacrylate	9.116	69	2854	0.814	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	3753	0.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	8064	4.763	ug/l	97
59) 2-Hexanone	9.439	43	10982	4.222	ug/l	99
60) Dibromochloromethane	9.525	129	1775	0.783	ug/l	95
61) 1,2-Dibromoethane	9.616	107	2254	0.916	ug/l	98
64) Tetrachloroethene	9.275	164	1915	1.133	ug/l	87
65) Chlorobenzene	10.079	112	5626	0.989	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1607	0.810	ug/l #	66
67) Ethyl Benzene	10.195	91	9538	0.943	ug/l	95
68) m/p-Xylenes	10.299	106	7114	1.846	ug/l	98
69) o-Xylene	10.646	106	3606	0.944	ug/l	97
70) Styrene	10.659	104	5230	0.830	ug/l	98
71) Bromoform	10.805	173	1216	0.801	ug/l #	95
73) Isopropylbenzene	10.963	105	8785	1.001	ug/l	99
74) N-amyl acetate	10.848	43	3509	0.906	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	3211	0.965	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	2655m	1.008	ug/l	
77) Bromobenzene	11.201	156	2105	1.000	ug/l	100
78) n-propylbenzene	11.305	91	9910	0.979	ug/l	99
79) 2-Chlorotoluene	11.366	91	6518	1.047	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6959	0.939	ug/l	100
82) 4-Chlorotoluene	11.457	91	7261	1.025	ug/l	96
83) tert-Butylbenzene	11.713	119	7152	0.968	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	7002	0.941	ug/l	98
85) sec-Butylbenzene	11.890	105	8764	0.957	ug/l	100
86) p-Isopropyltoluene	12.012	119	6847	0.908	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	4171	1.043	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	4511m	1.108	ug/l	
89) n-Butylbenzene	12.335	91	6131	0.908	ug/l	95
90) Hexachloroethane	12.536	117	1044	0.819	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	3884	0.955	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	526	0.753	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	2327	0.985	ug/l	95
94) Hexachlorobutadiene	13.719	225	881	0.860	ug/l	81
95) Naphthalene	13.780	128	8071	0.944	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2445	1.004	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037653.D
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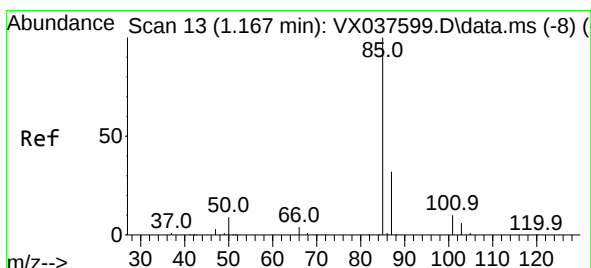
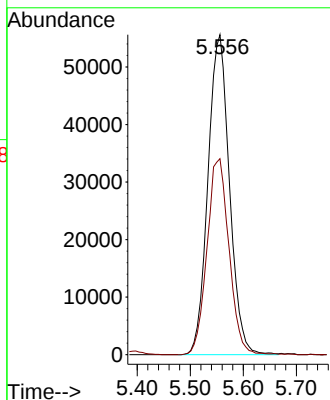
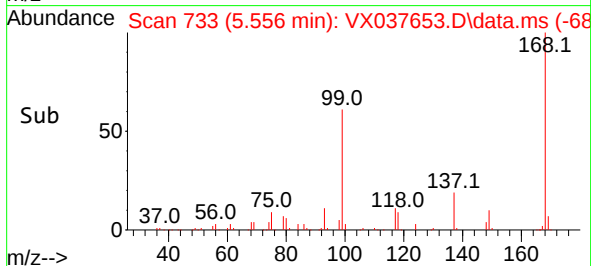
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 156478
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0

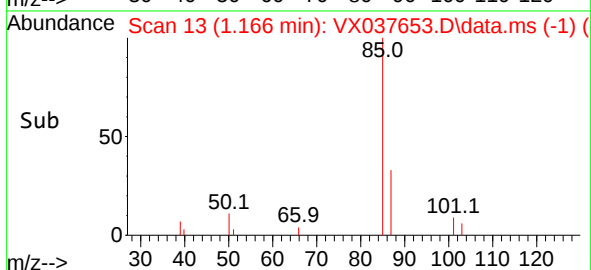
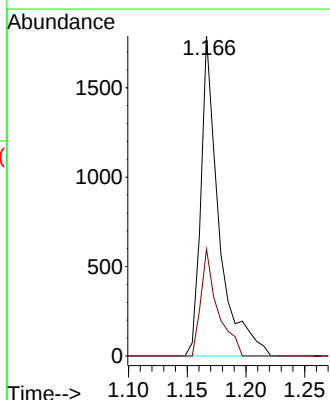
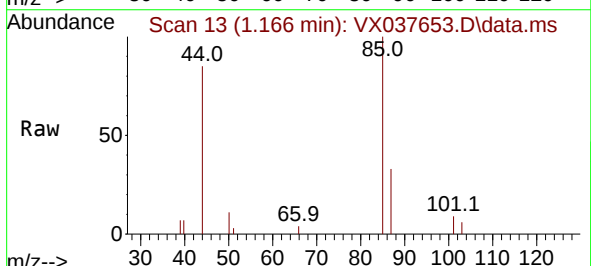
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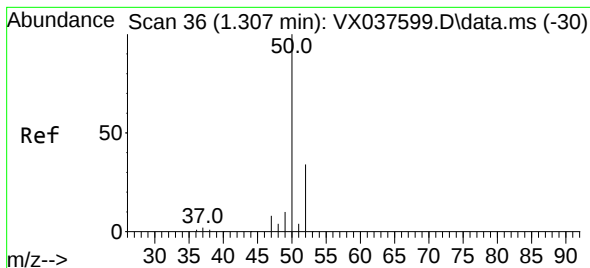
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 1.140 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 85 Resp: 1908
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 1.205 ug/l

RT: 1.301 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 50 Resp: 236

Ion Ratio Lower Upper

50 100

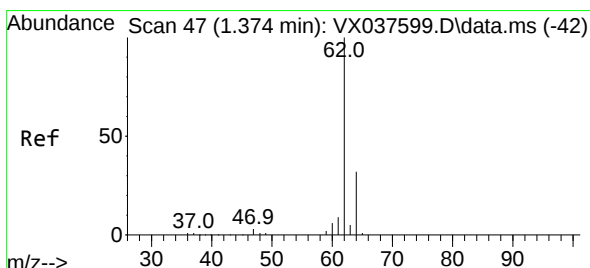
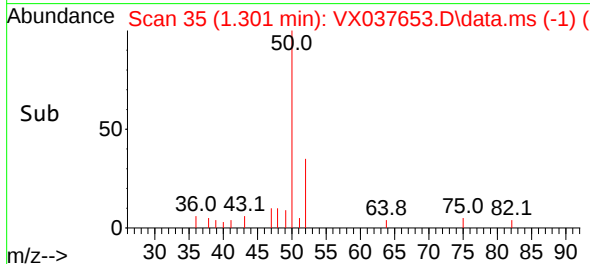
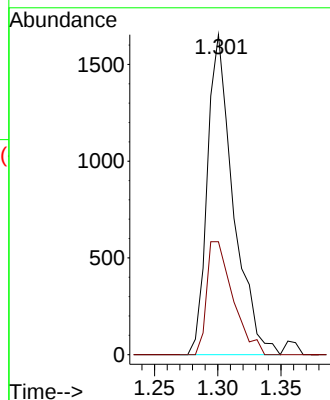
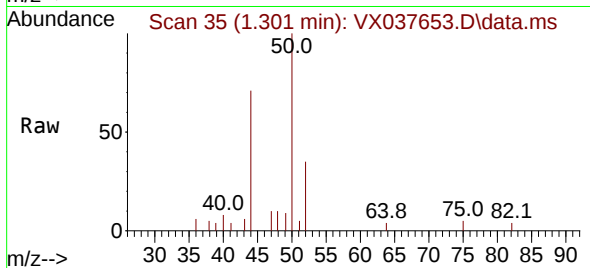
52 35.3 25.5 38.3

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#4

Vinyl Chloride

Concen: 1.223 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037653.D

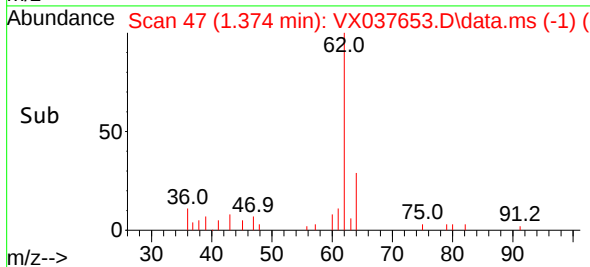
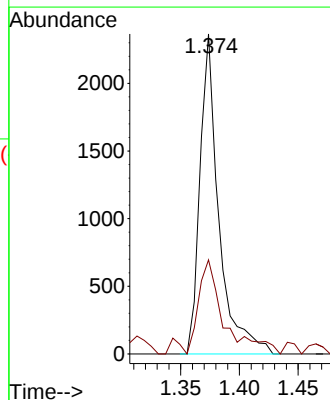
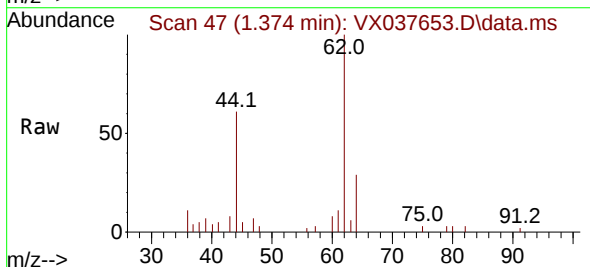
Acq: 11 Sep 2023 20:38

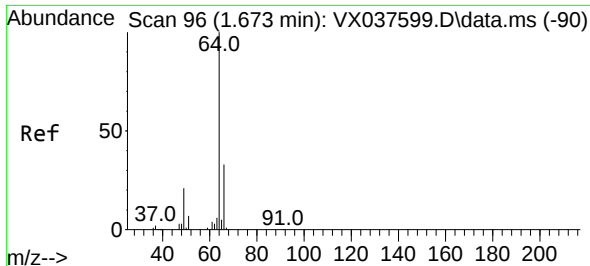
Tgt Ion: 62 Resp: 2642

Ion Ratio Lower Upper

62 100

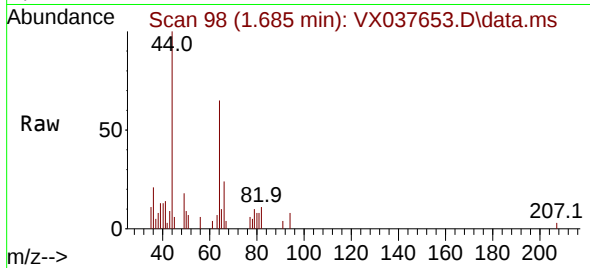
64 29.4 25.4 38.0





#6
Chloroethane
Concen: 1.252 ug/l m
RT: 1.685 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

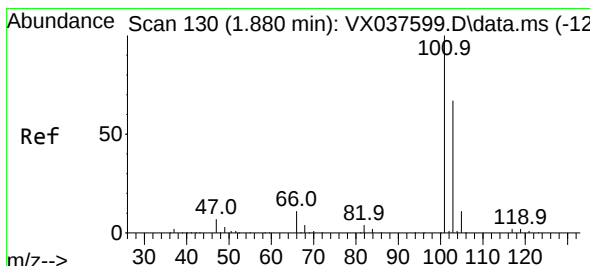
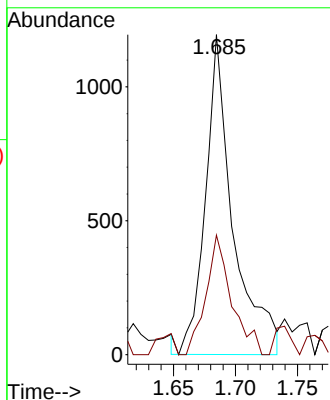
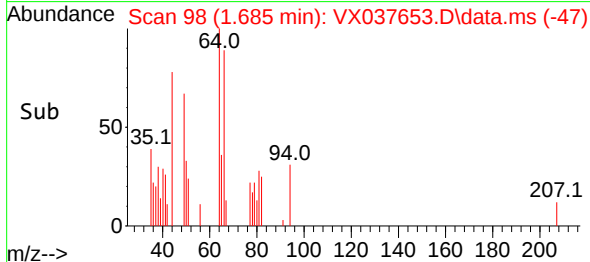
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 1838
Ion Ratio Lower Upper
64 100
66 37.3 25.1 37.7

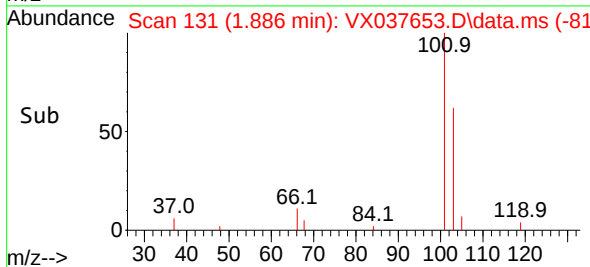
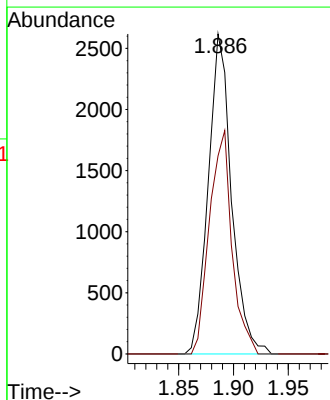
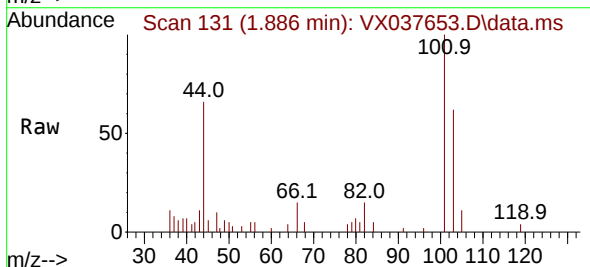
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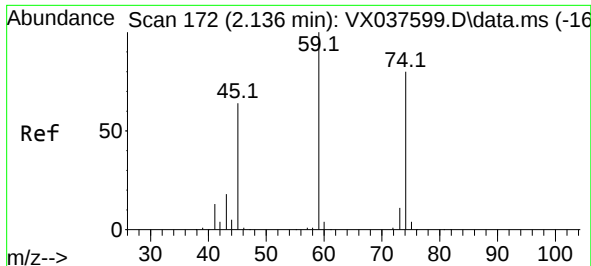
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#7
Trichlorofluoromethane
Concen: 1.054 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

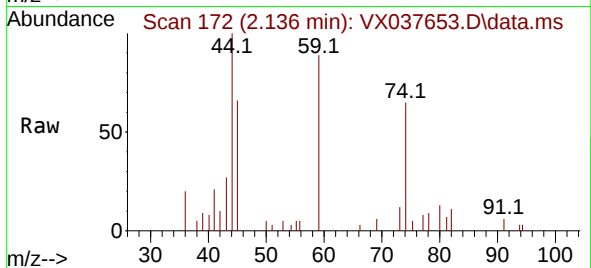
Tgt Ion:101 Resp: 3861
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.2





#8
Diethyl Ether
Concen: 0.982 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

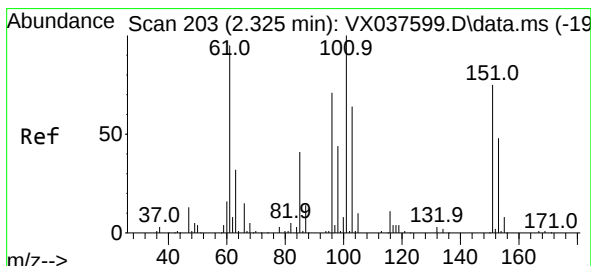
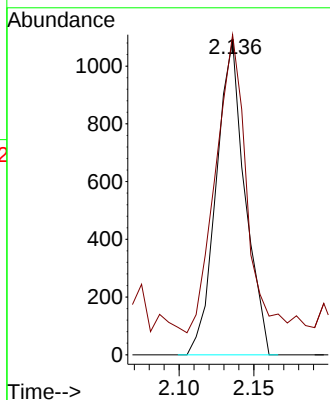
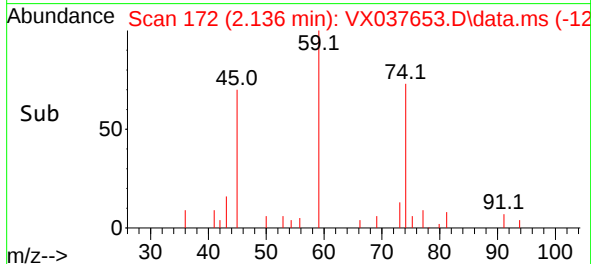
Instrument :
MSVOA_X
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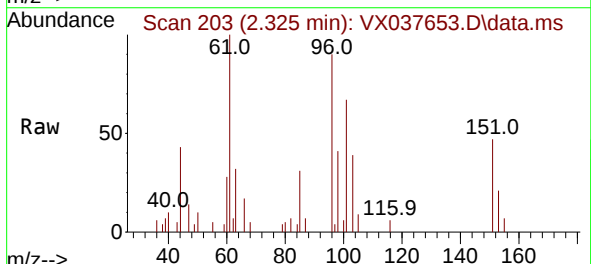
Tgt Ion: 74 Resp: 1454
Ion Ratio Lower Upper
74 100
45 116.0 53.3 159.8

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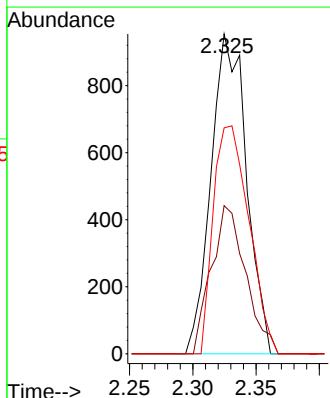
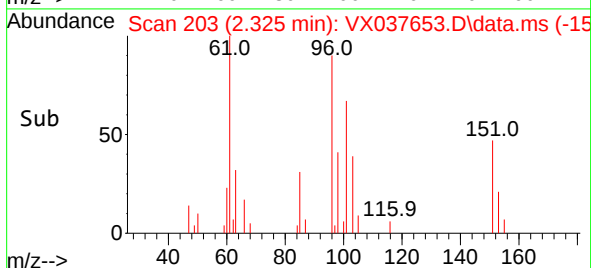
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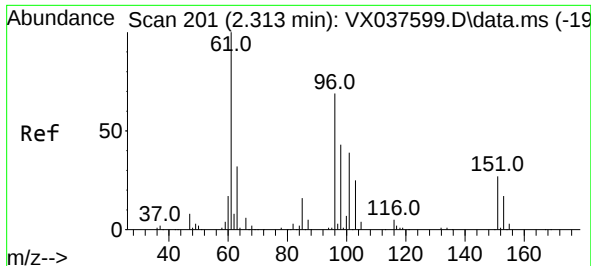


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.145 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion:101 Resp: 1855
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 71.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.156 ug/l

RT: 2.325 min Scan# 201

Delta R.T. 0.012 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

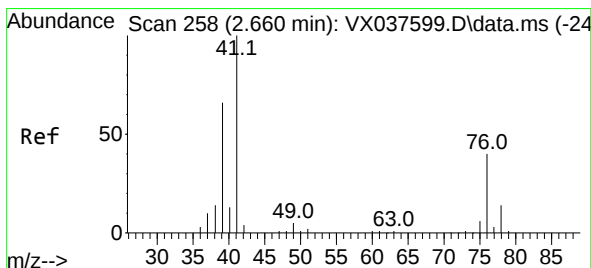
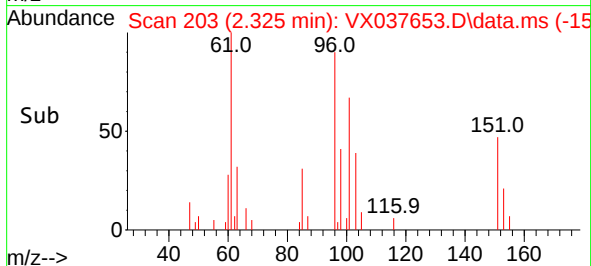
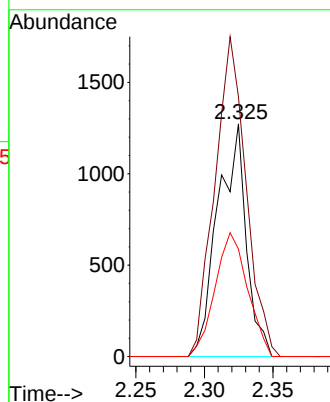
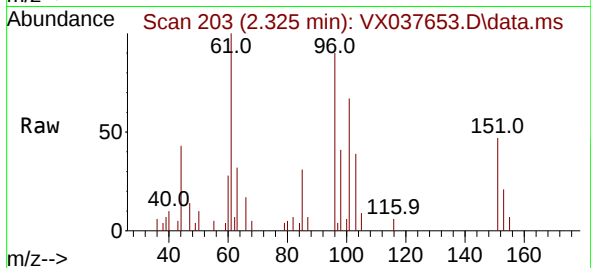
Tgt Ion:	96	Resp:	1840
Ion	Ratio	Lower	Upper
96	100		
61	111.7	144.6	216.8
98	46.3	50.4	75.6

Manual Integrations

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#14

Allyl chloride

Concen: 1.102 ug/l

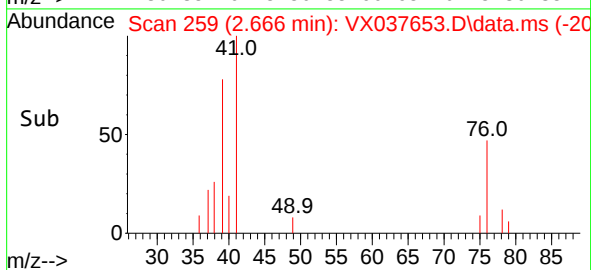
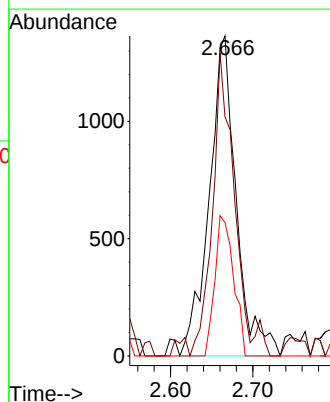
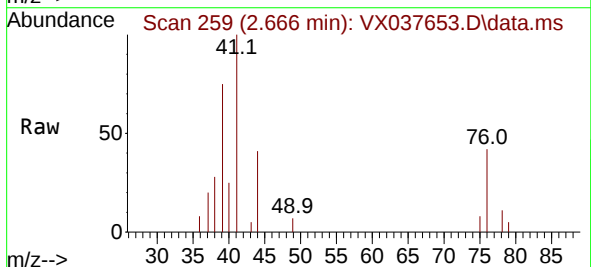
RT: 2.666 min Scan# 259

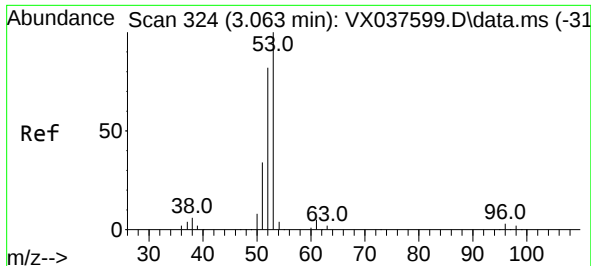
Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion:	41	Resp:	3121
Ion	Ratio	Lower	Upper
41	100		
39	74.2	55.8	83.6
76	30.3	24.3	36.5





#15

Acrylonitrile

Concen: 4.752 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

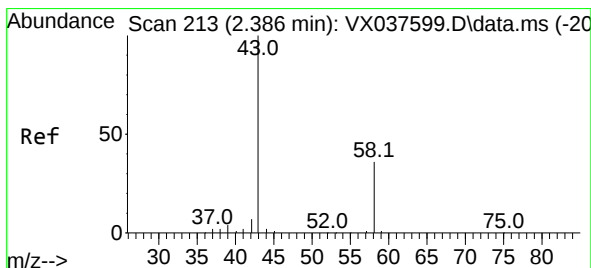
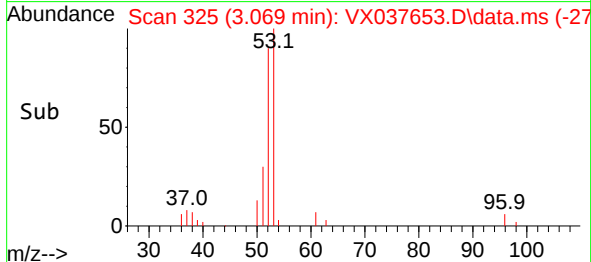
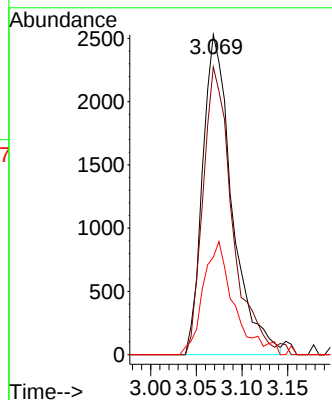
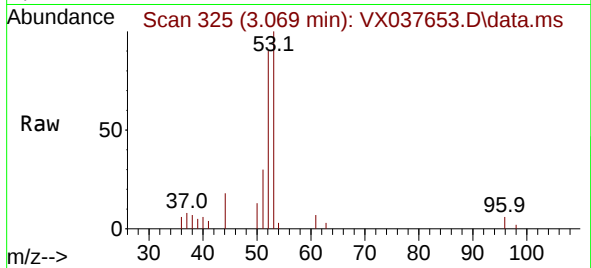
Tgt Ion: 53	Resp: 565
Ion Ratio	Lower Upper
53 100	
52 89.8	66.0 99.0
51 36.9	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#16

Acetone

Concen: 5.507 ug/l

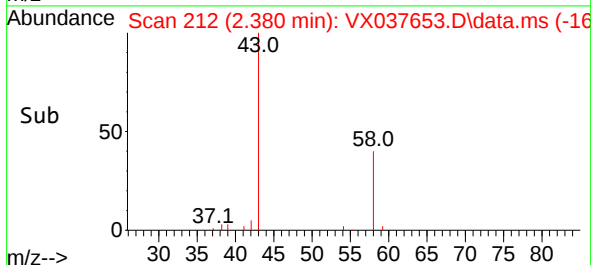
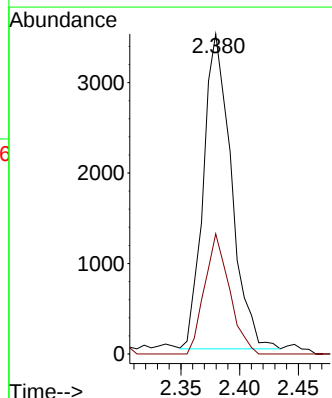
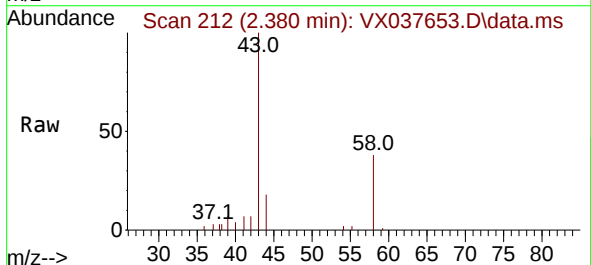
RT: 2.380 min Scan# 212

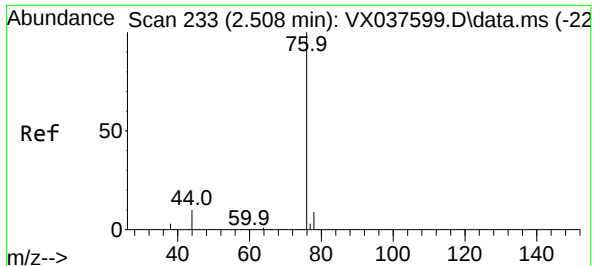
Delta R.T. -0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion: 43	Resp: 5763
Ion Ratio	Lower Upper
43 100	
58 38.2	21.9 32.9





#17

Carbon Disulfide

Concen: 1.180 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 484

Ion Ratio Lower Upper

76 100

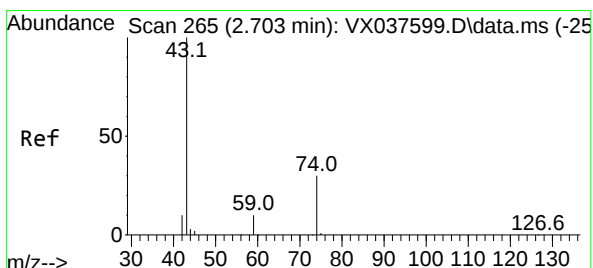
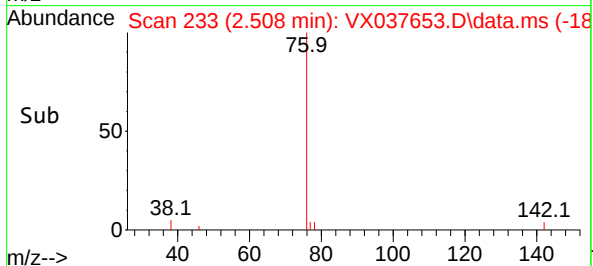
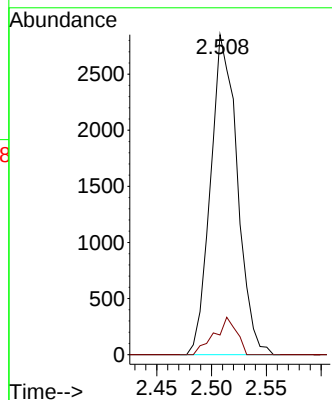
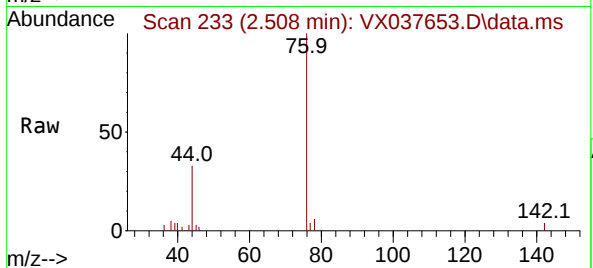
78 6.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#18

Methyl Acetate

Concen: 1.017 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX037653.D

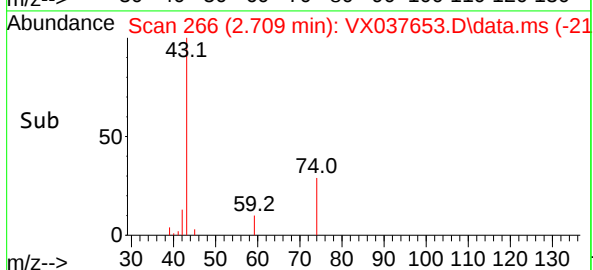
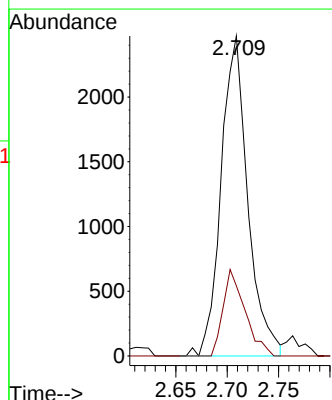
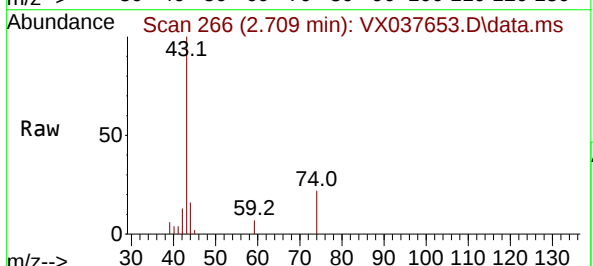
Acq: 11 Sep 2023 20:38

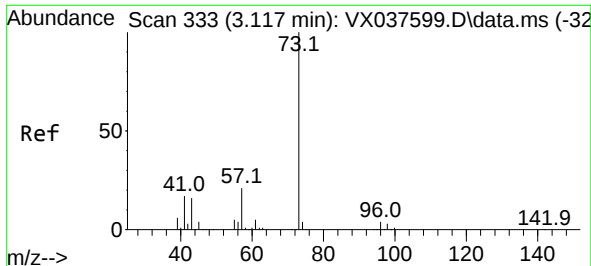
Tgt Ion: 43 Resp: 4460

Ion Ratio Lower Upper

43 100

74 22.2 17.8 26.8





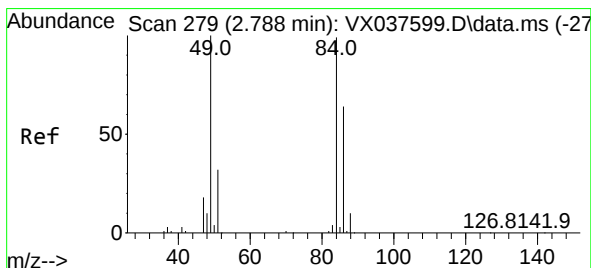
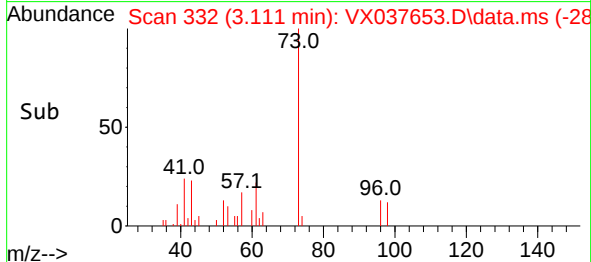
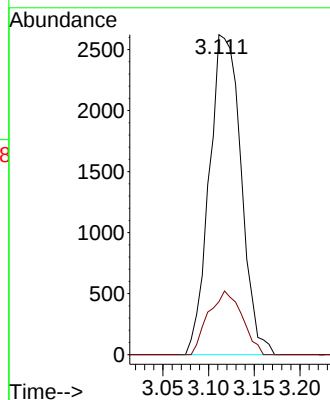
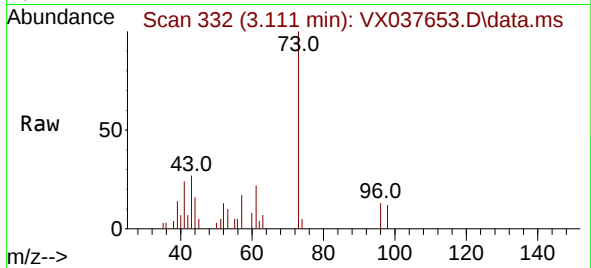
#19
Methyl tert-butyl Ether
Concen: 0.988 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 6340
Ion Ratio Lower Upper
73 100
57 16.6 17.3 25.9

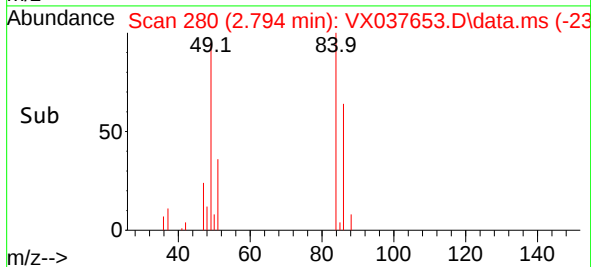
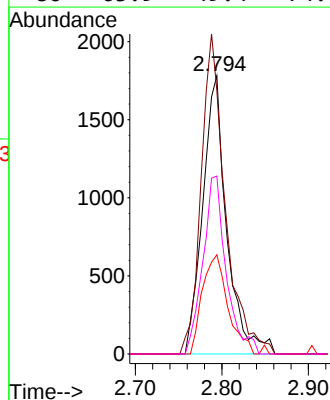
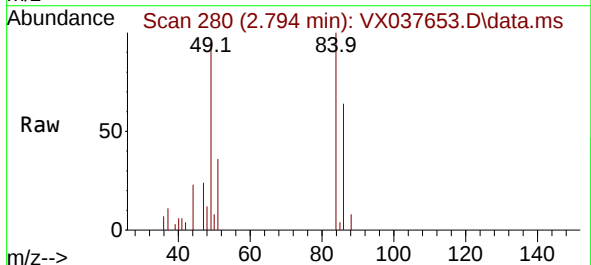
Manual Integrations
APPROVED

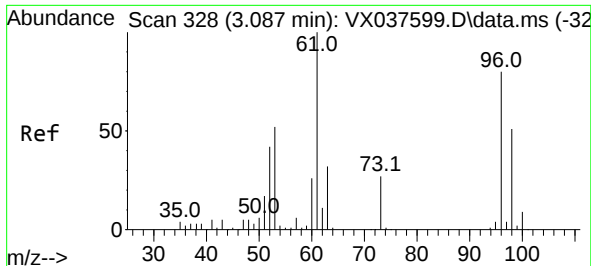
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

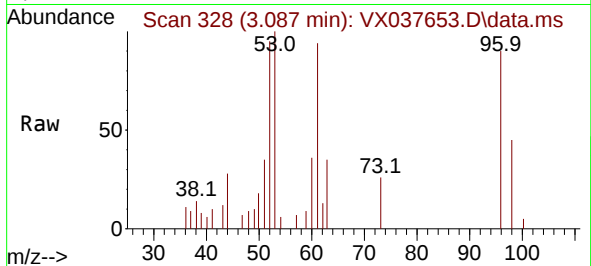
Tgt Ion: 84 Resp: 3434
Ion Ratio Lower Upper
84 100
49 94.7 103.6 155.4#
51 35.7 33.8 50.6
86 63.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 1.023 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

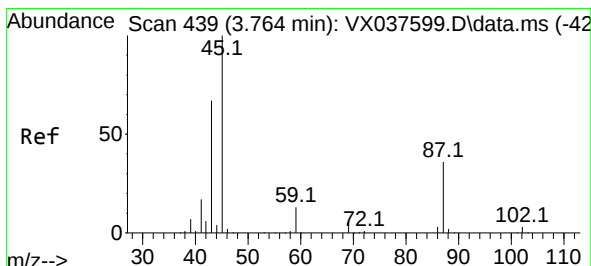
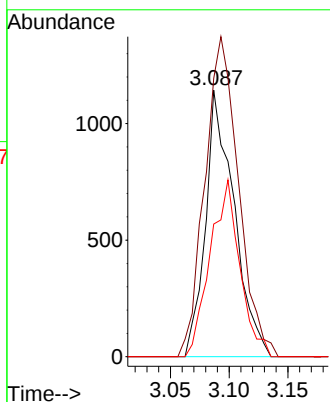
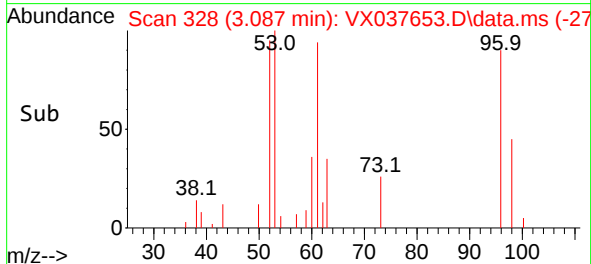
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 193
Ion Ratio Lower Upper
96 100
61 104.4 119.2 178.8
98 49.7 48.7 73.1

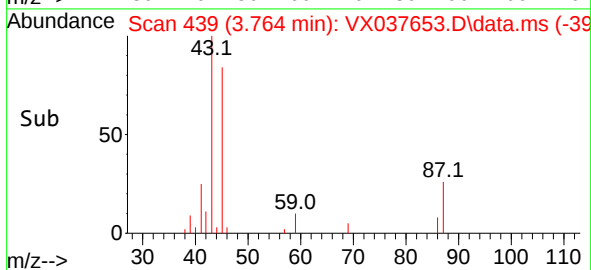
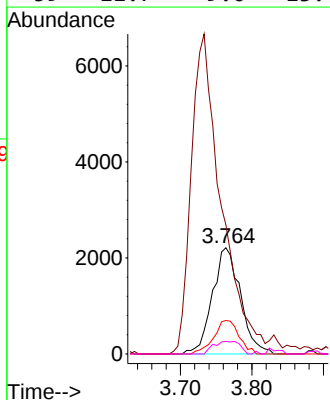
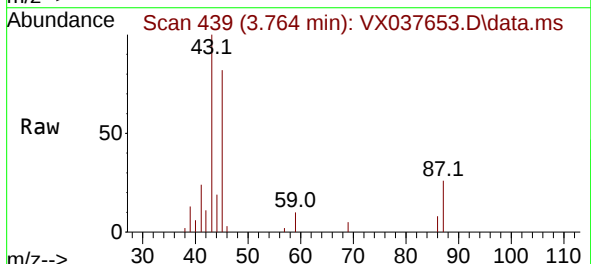
Manual Integrations
APPROVED

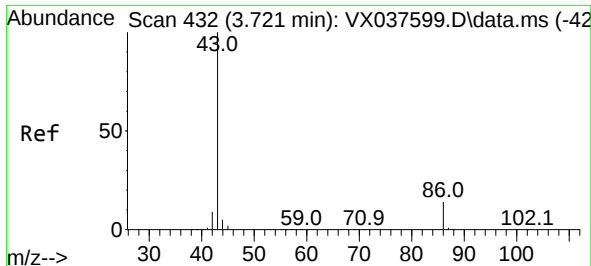
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 0.977 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 45 Resp: 6039
Ion Ratio Lower Upper
45 100
43 114.0 69.7 104.5#
87 31.5 20.8 31.2#
59 11.7 9.0 13.4





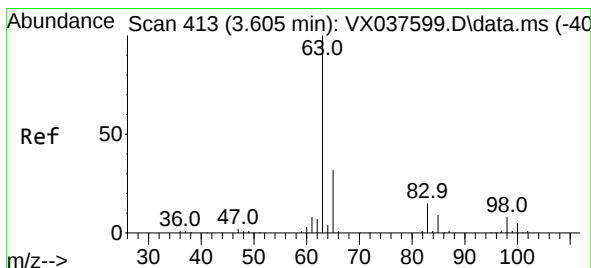
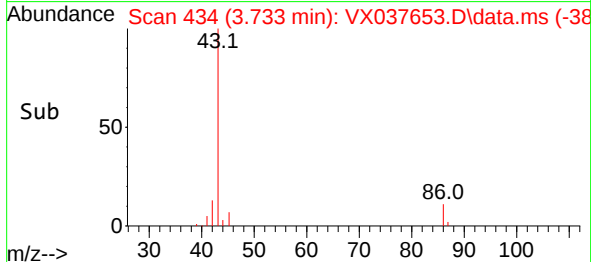
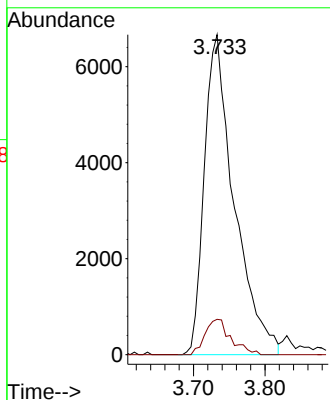
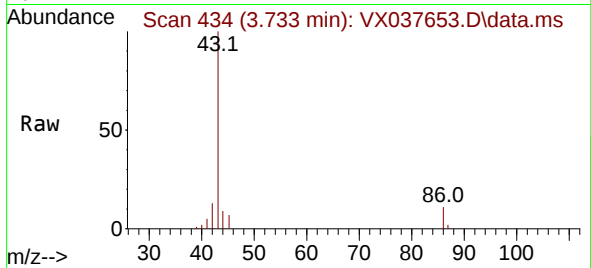
#23
 Vinyl Acetate
 Concen: 4.270 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX037653.D
 Acq: 11 Sep 2023 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 1936
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

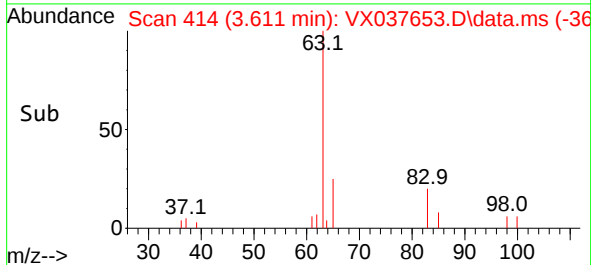
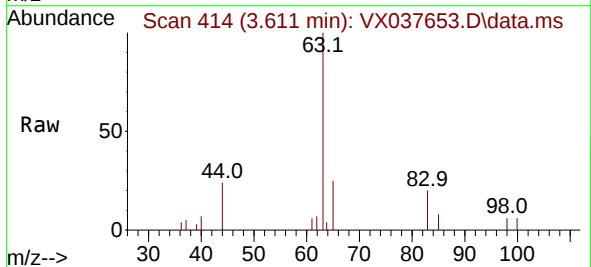
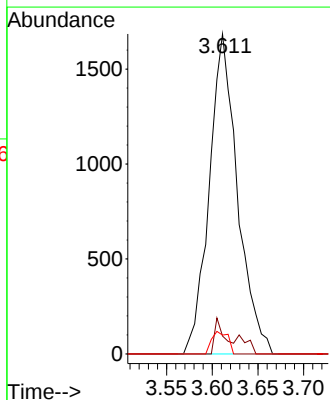
Manual Integrations
 APPROVED

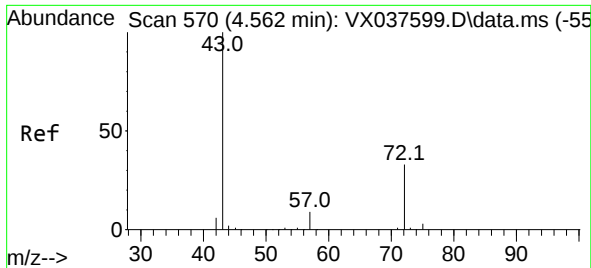
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 1.003 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037653.D
 Acq: 11 Sep 2023 20:38

Tgt Ion: 63 Resp: 3627
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 5.9 2.1 6.5





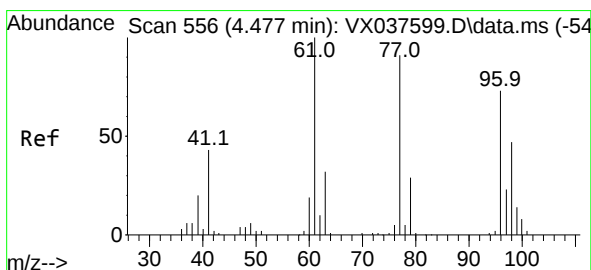
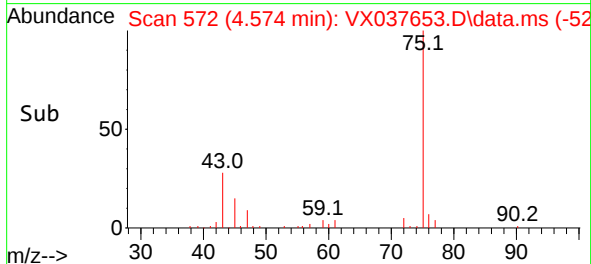
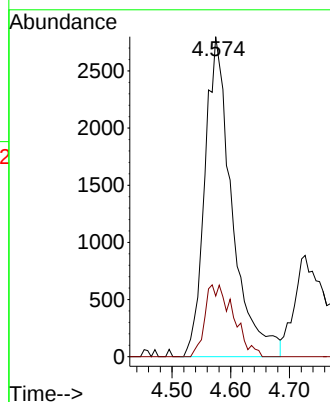
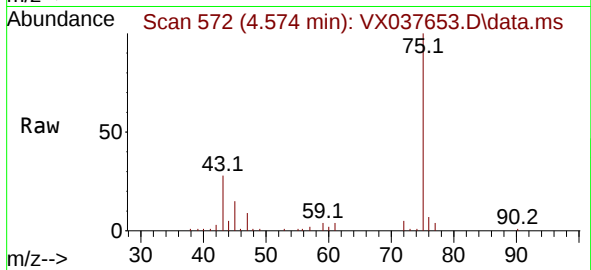
#25
2-Butanone
Concen: 5.360 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
72 18.9 19.4 29.2

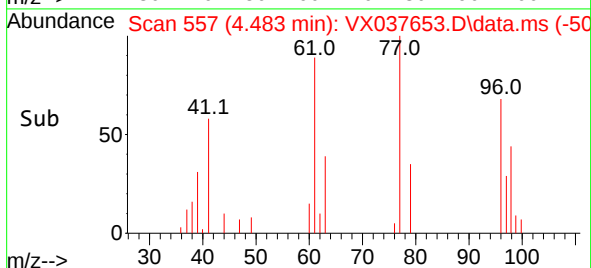
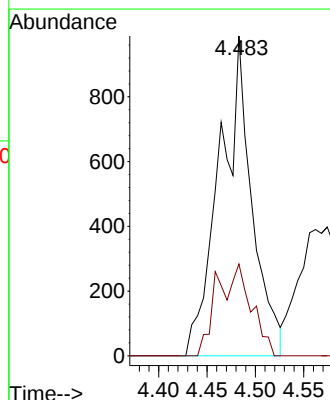
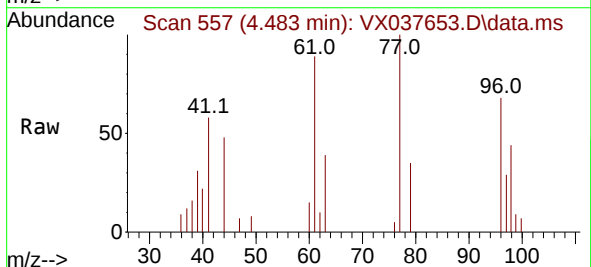
Manual Integrations
APPROVED

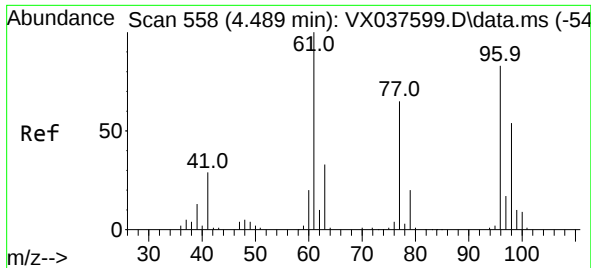
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 0.916 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 77 Resp: 2293
Ion Ratio Lower Upper
77 100
97 18.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 1.015 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 2290

Ion Ratio Lower Upper

96 100

61 146.1 0.0 312.2

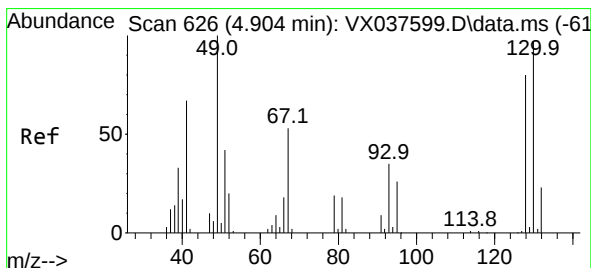
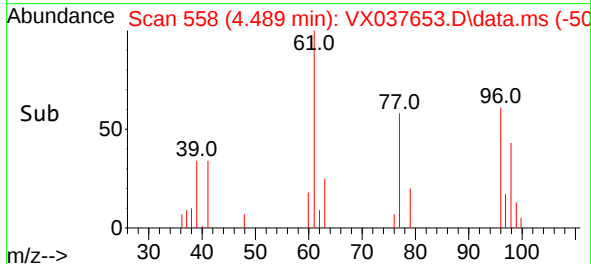
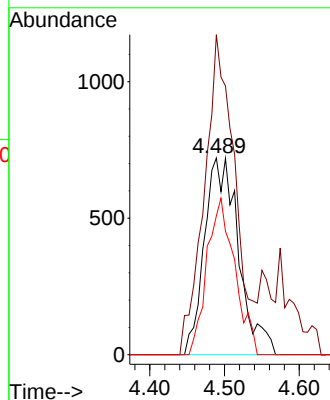
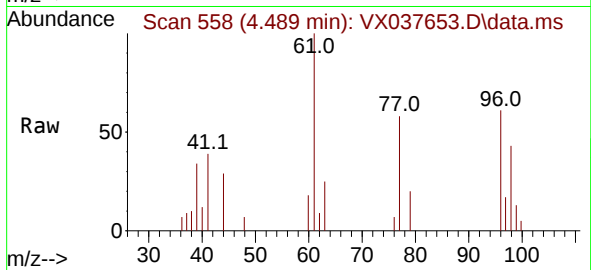
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#28

Bromochloromethane

Concen: 1.015 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

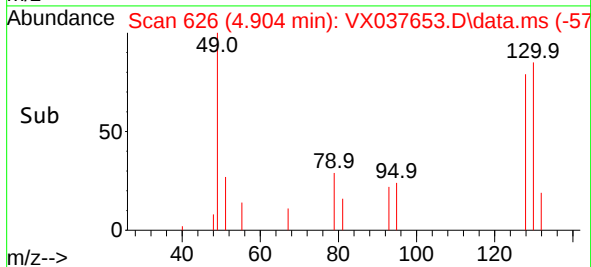
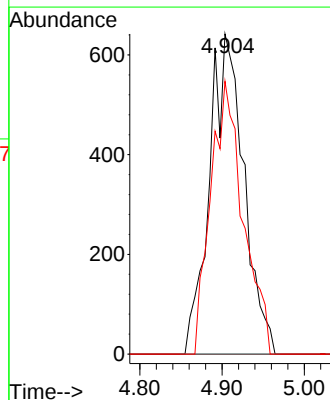
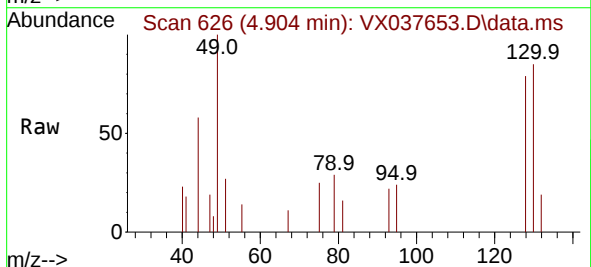
Tgt Ion: 49 Resp: 1862

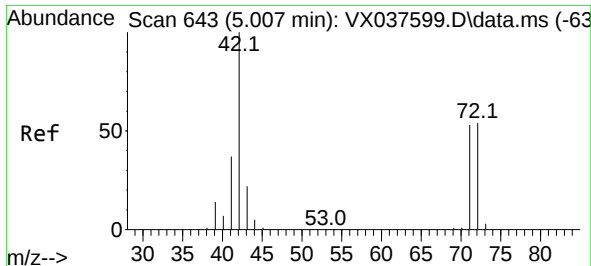
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 80.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 4.848 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

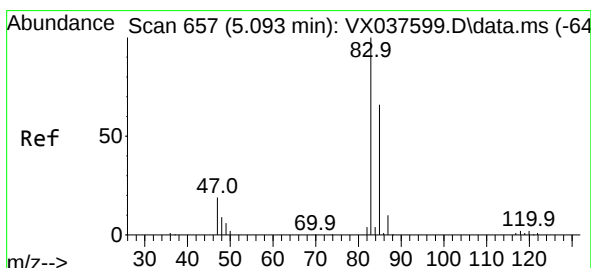
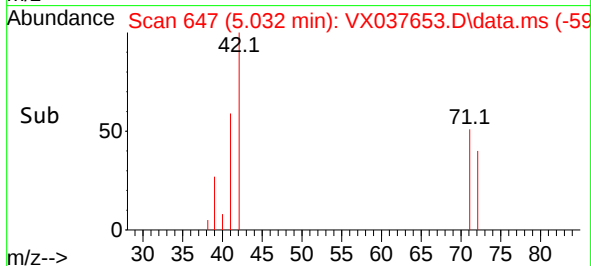
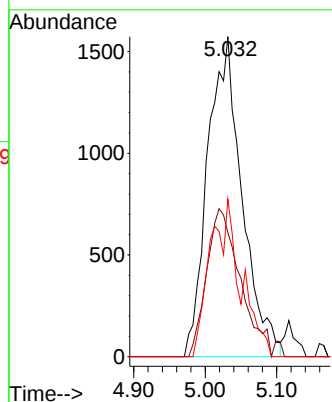
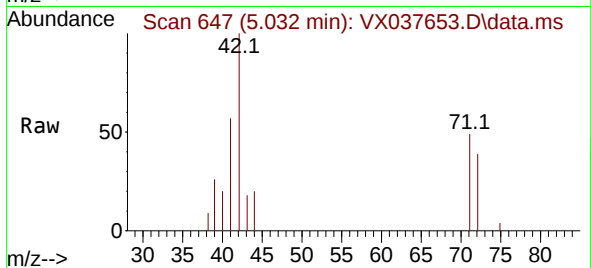
Tgt Ion: 42	Resp: 525
Ion Ratio	Lower Upper
42 100	
72 46.1	34.2 51.4
71 21.5	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 0.973 ug/l

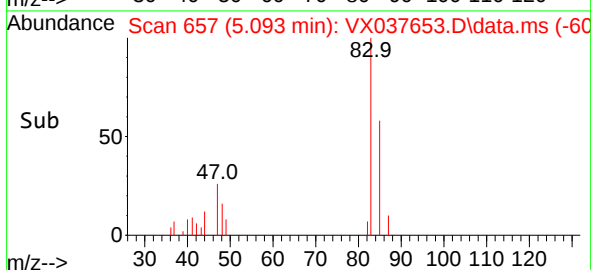
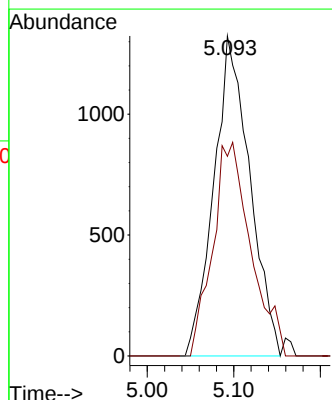
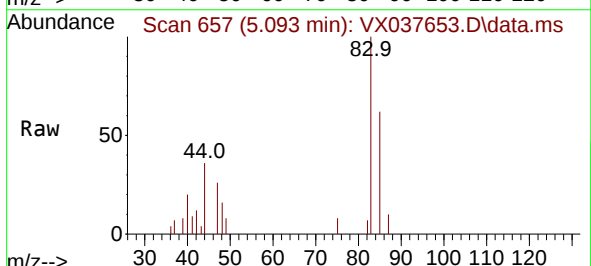
RT: 5.093 min Scan# 657

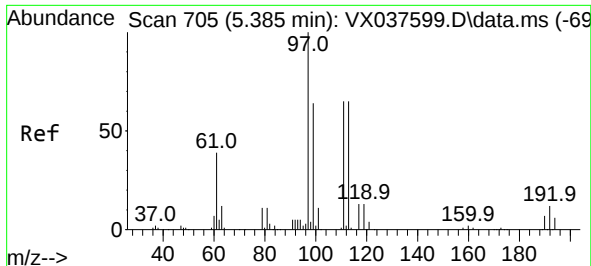
Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

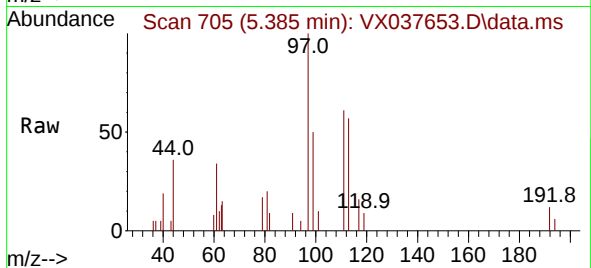
Tgt Ion: 83	Resp: 3816
Ion Ratio	Lower Upper
83 100	
85 62.4	50.3 75.5





#32
1,1,1-Trichloroethane
Concen: 0.895 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

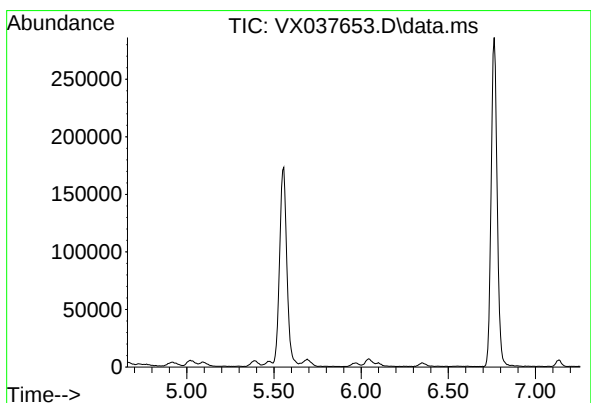
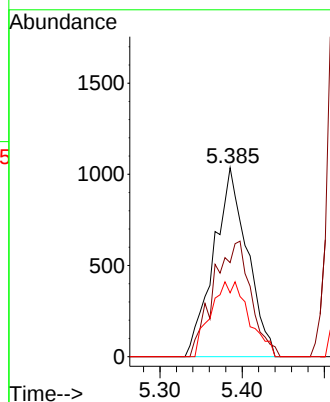
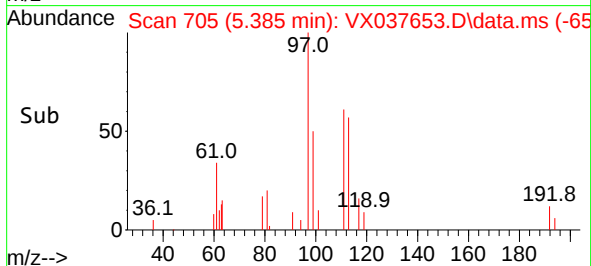
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 294
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 44.9 36.4 54.6

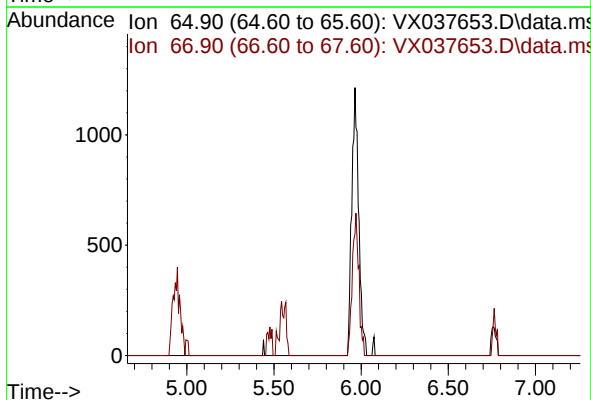
Manual Integrations
APPROVED

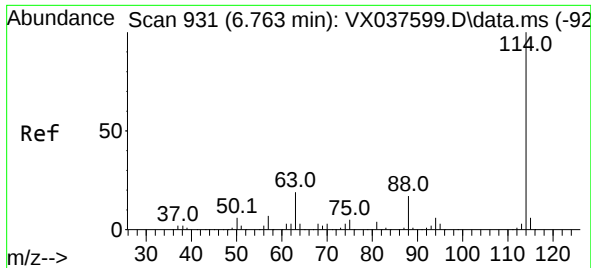
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.96 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 65
Sig Exp Ratio
65 100
67 50.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 288640

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

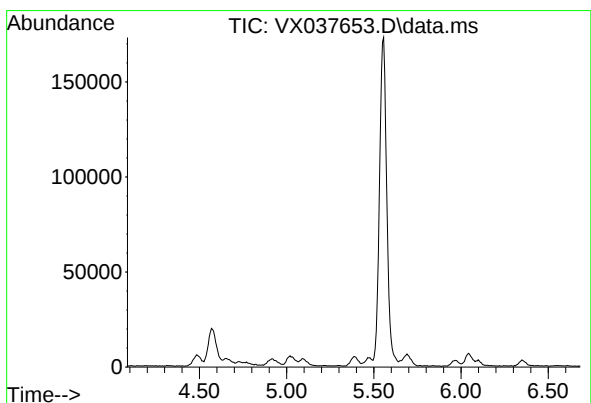
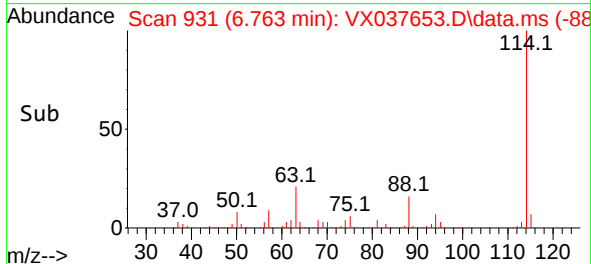
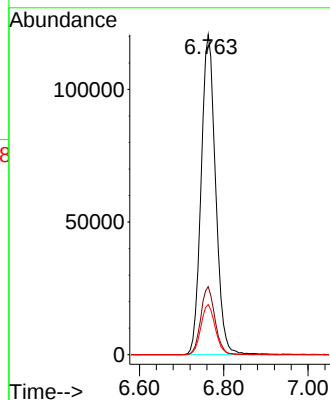
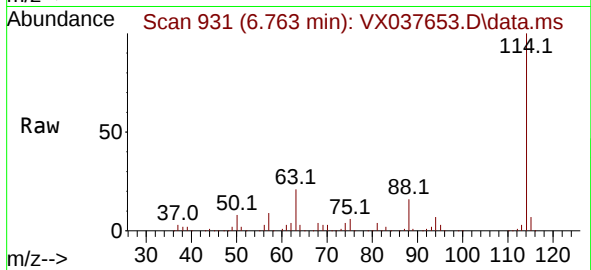
88 15.6 0.0 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

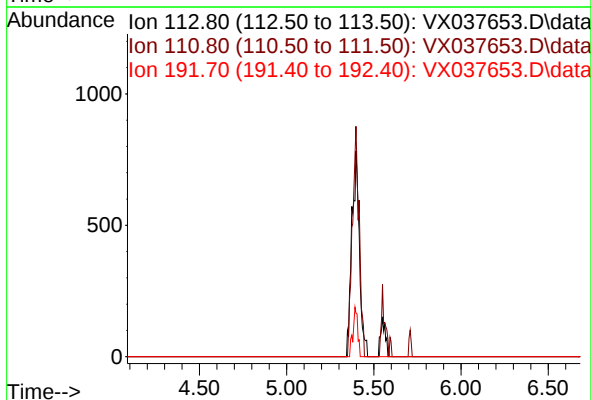
Tgt Ion: 113

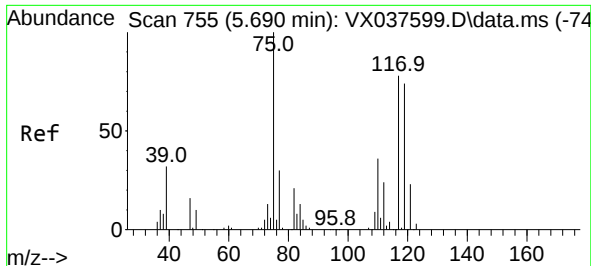
Sig Exp Ratio

113 100

111 103.6

192 16.6





#36

1,1-Dichloropropene

Concen: 1.070 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

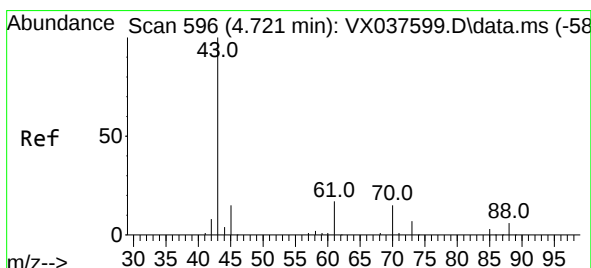
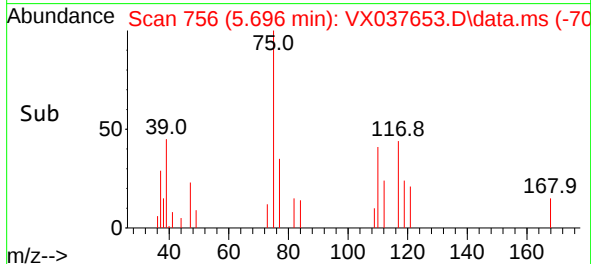
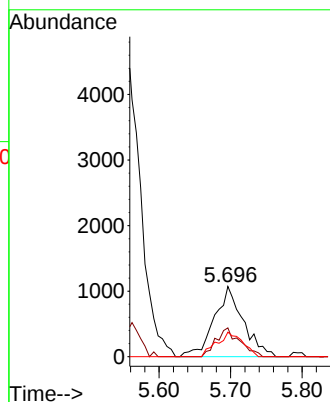
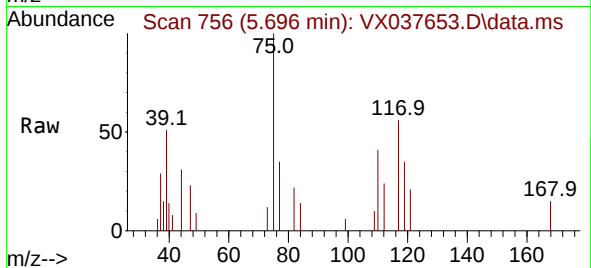
Tgt Ion:	75	Resp:	3018
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.0	50.9
77	31.0	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#37

Ethyl Acetate

Concen: 0.819 ug/l m

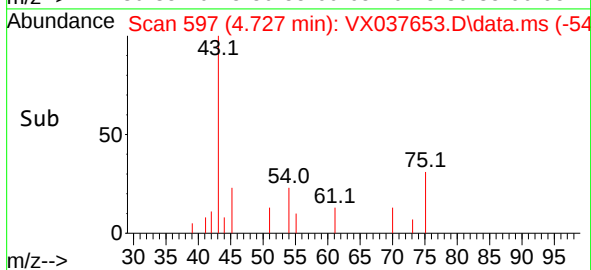
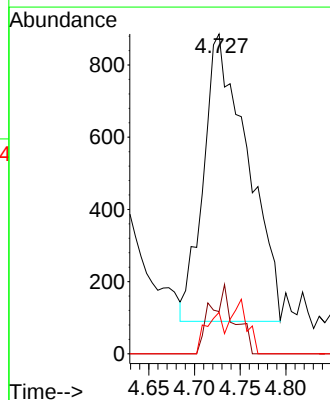
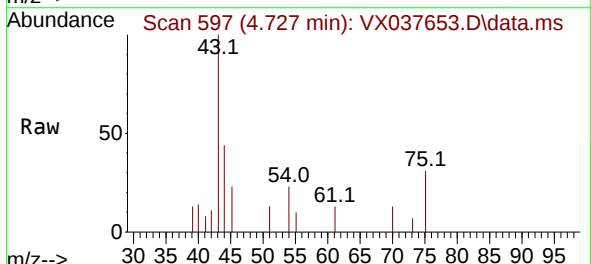
RT: 4.727 min Scan# 597

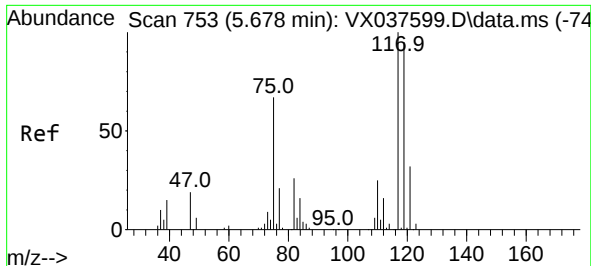
Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion:	43	Resp:	2665
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	16.0
70	5.8	8.3	12.5





#38

Carbon Tetrachloride

Concen: 1.019 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:117 Resp: 2870

Ion Ratio Lower Upper

117 100

119 84.1 78.2 117.2

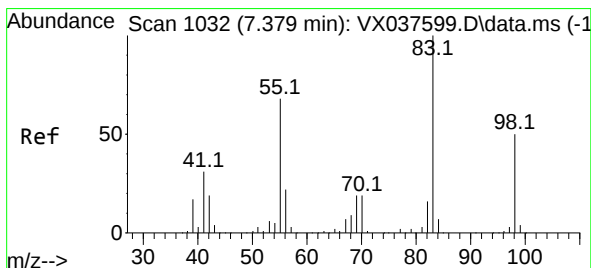
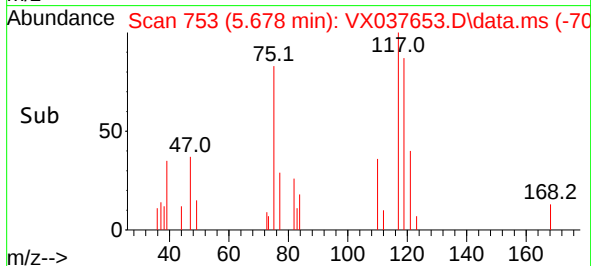
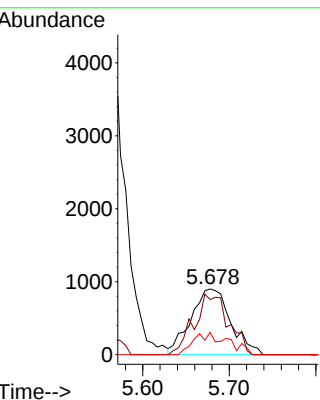
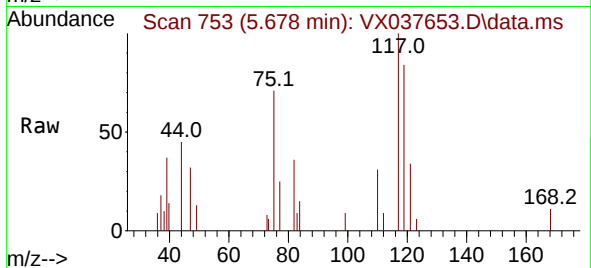
121 33.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#39

Methylcyclohexane

Concen: 1.002 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

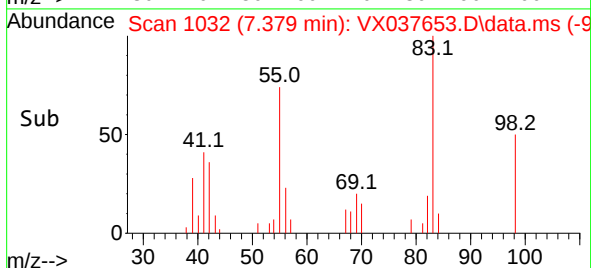
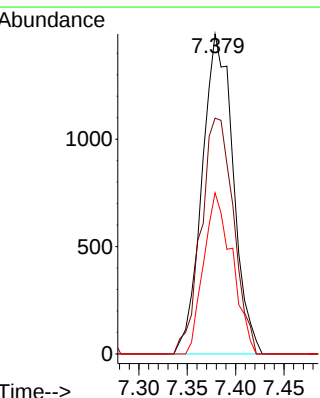
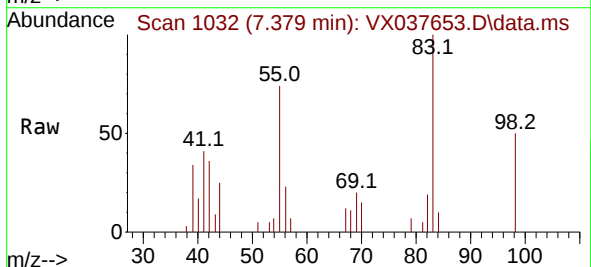
Tgt Ion: 83 Resp: 3325

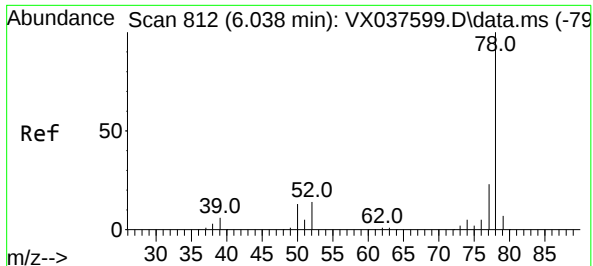
Ion Ratio Lower Upper

83 100

55 73.7 64.6 97.0

98 50.3 36.7 55.1





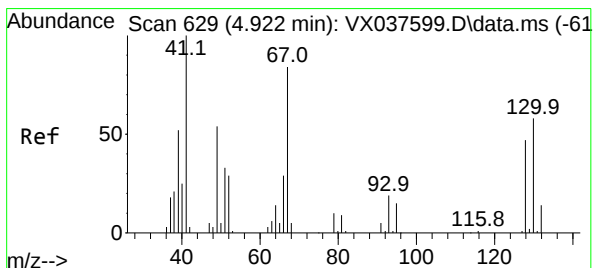
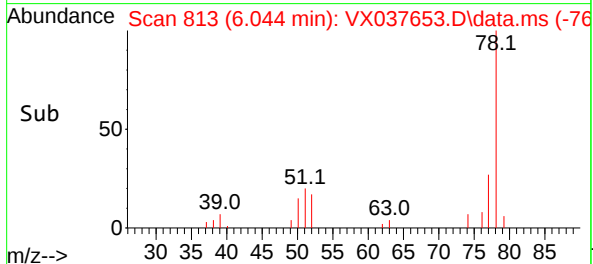
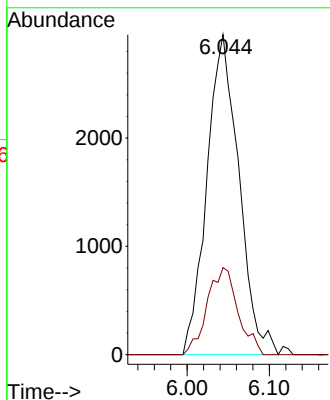
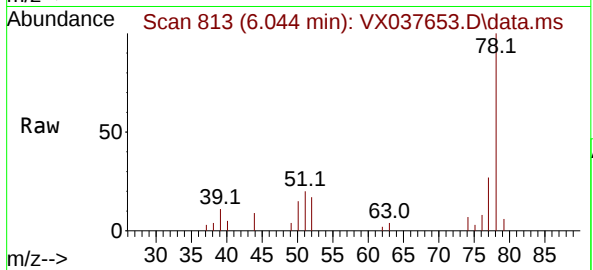
#40
Benzene
Concen: 0.933 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 800
Ion Ratio Lower Upper
78 100
77 27.2 19.3 28.9

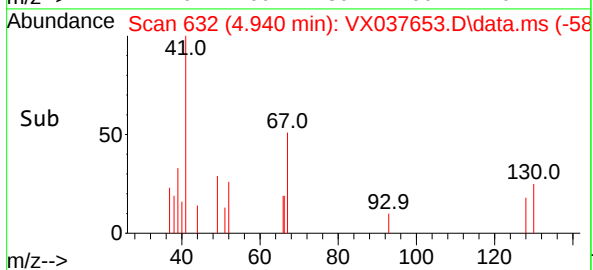
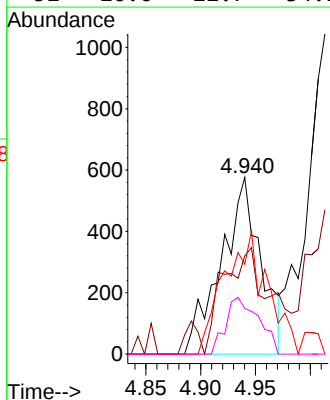
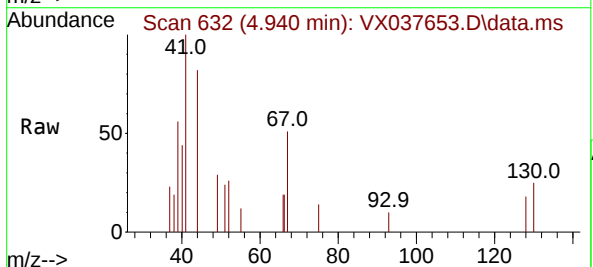
Manual Integrations
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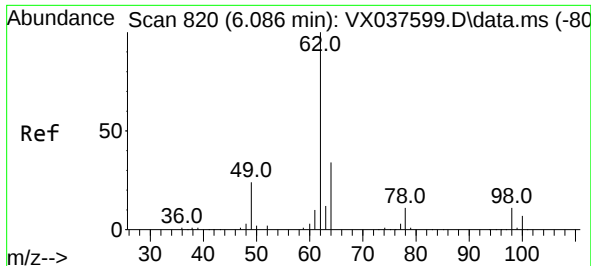
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#41
Methacrylonitrile
Concen: 0.843 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.018 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 41 Resp: 1457
Ion Ratio Lower Upper
41 100
39 71.4 45.2 67.8#
67 74.7 52.6 78.8
52 26.6 22.7 34.1





#42

1,2-Dichloroethane

Concen: 1.005 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 334

Ion Ratio Lower Upper

62 100

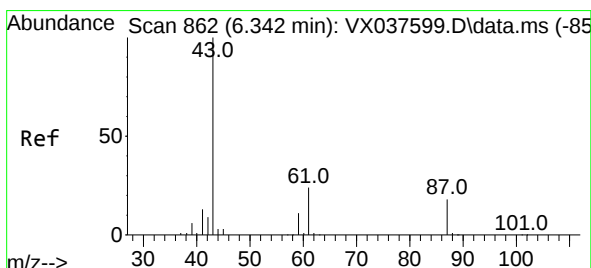
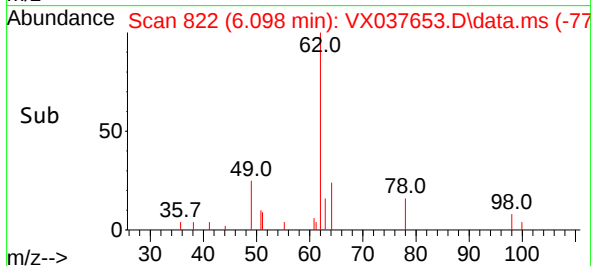
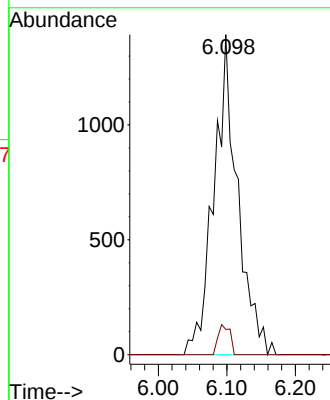
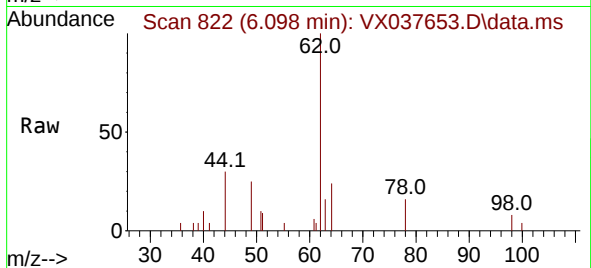
98 4.6 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#43

Isopropyl Acetate

Concen: 0.853 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

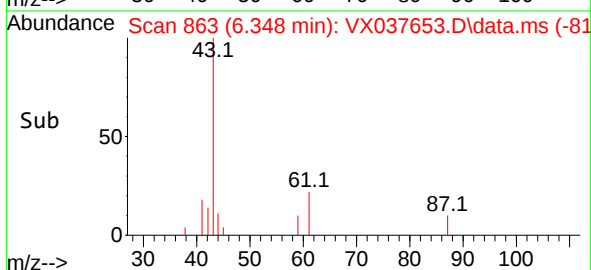
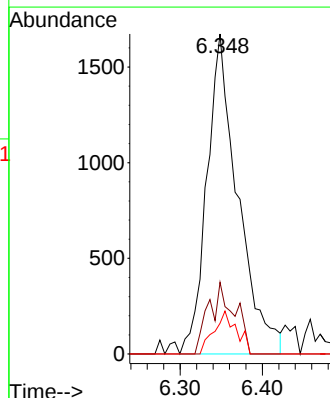
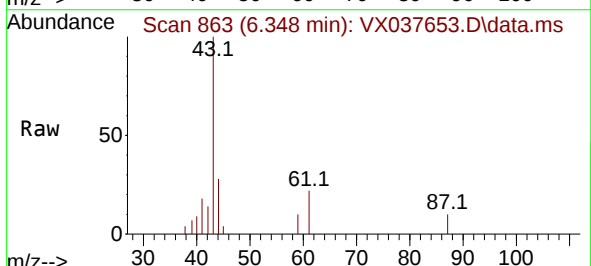
Tgt Ion: 43 Resp: 4385

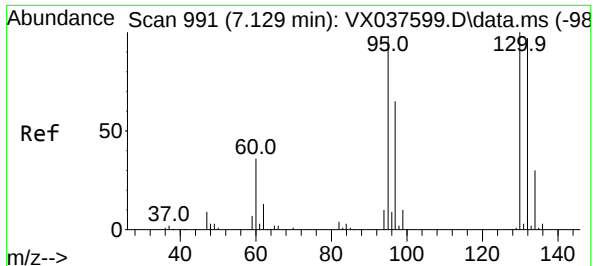
Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

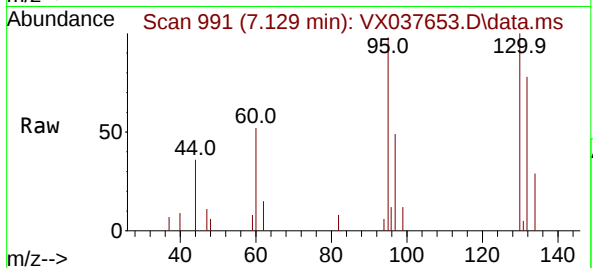
87 9.7 9.8 14.6#





#44
Trichloroethene
Concen: 1.062 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

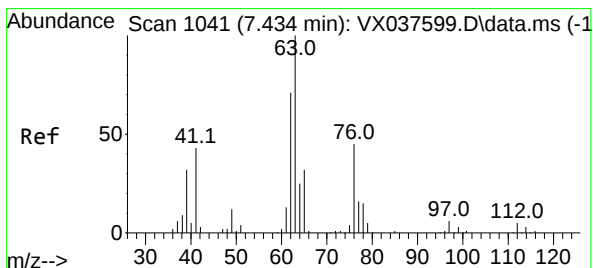
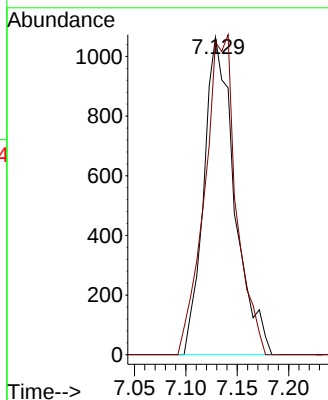
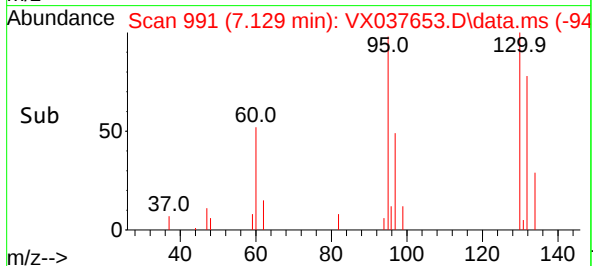
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



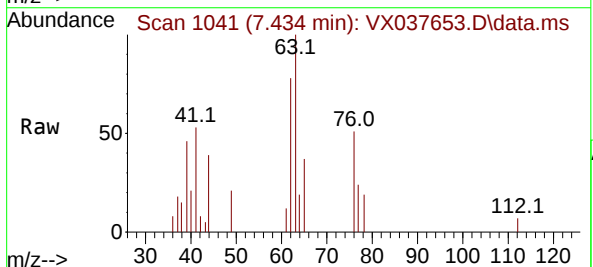
Tgt Ion:130 Resp: 222
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.4

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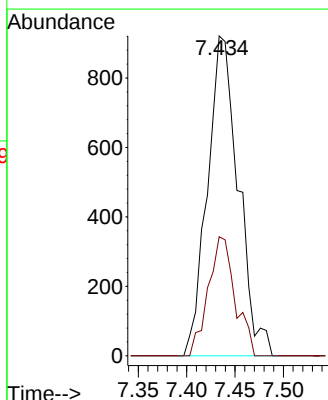
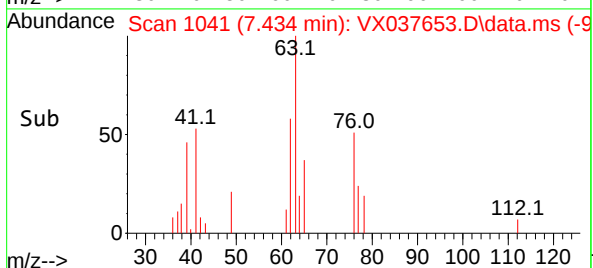
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

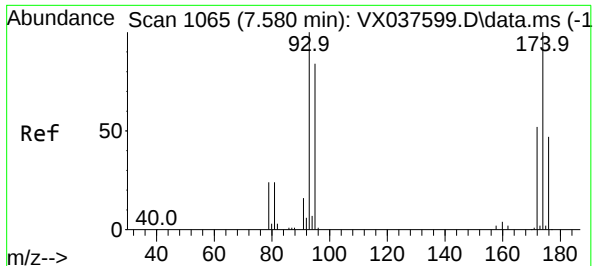


#45
1,2-Dichloropropane
Concen: 0.908 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



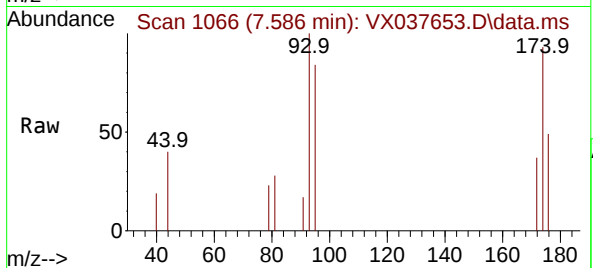
Tgt Ion: 63 Resp: 2045
Ion Ratio Lower Upper
63 100
65 37.2 24.3 36.5#





#46
Dibromomethane
Concen: 0.938 ug/l
RT: 7.586 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

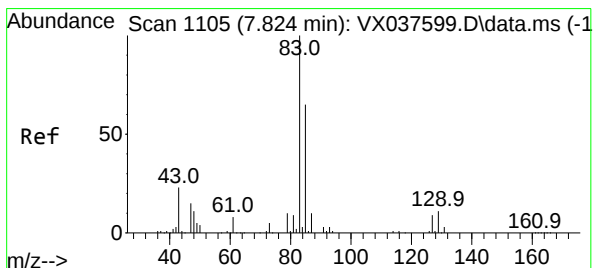
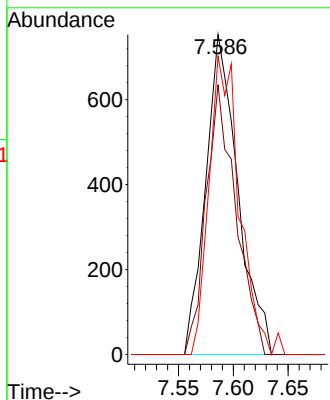
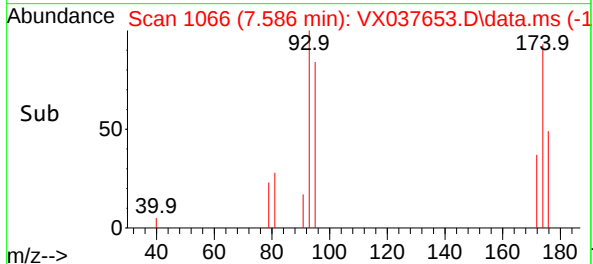
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:	93	Resp:	154
Ion	Ratio	Lower	Upper
93	100		
95	77.9	66.6	100.0
174	89.0	69.4	104.0

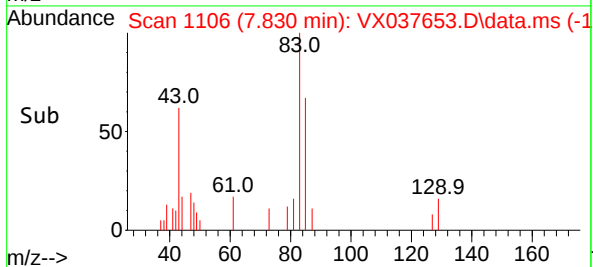
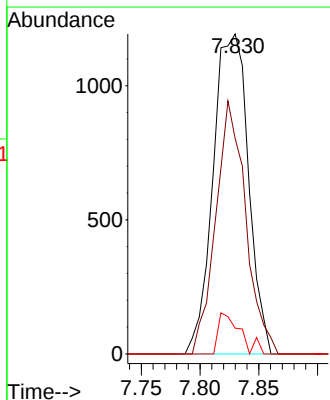
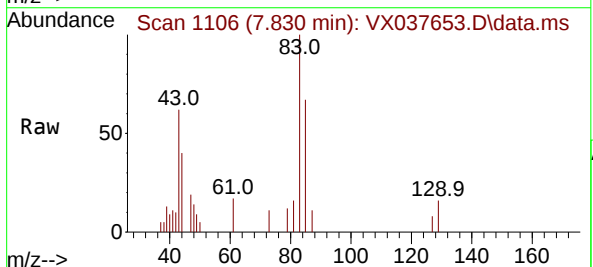
Manual Integrations
APPROVED

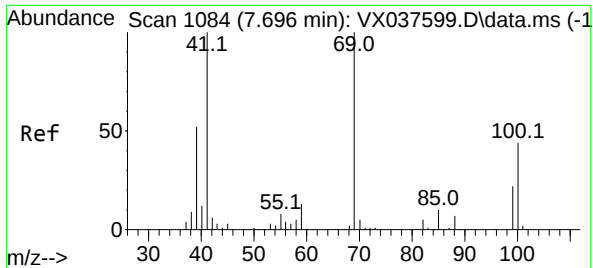
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#47
Bromodichloromethane
Concen: 0.845 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion:	83	Resp:	2488
Ion	Ratio	Lower	Upper
83	100		
85	67.3	49.8	74.6
127	8.0	7.1	10.7





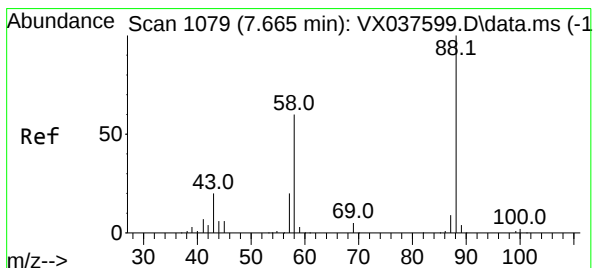
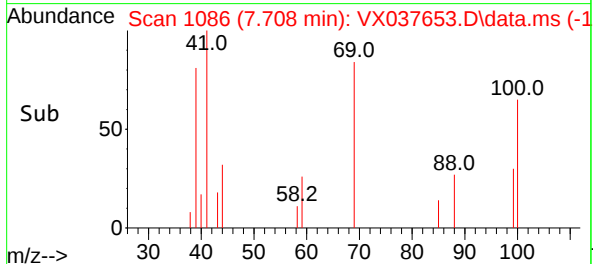
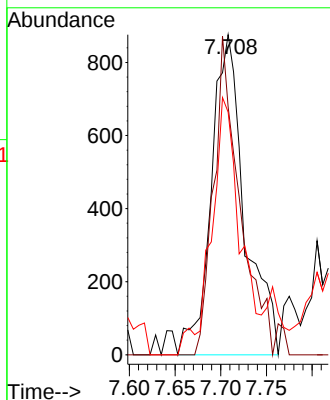
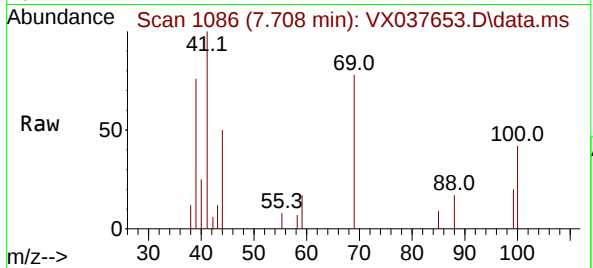
#48
Methyl methacrylate
Concen: 0.886 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
Client Sample Id :
VSTDICC001

Tgt Ion: 41 Resp: 222
Ion Ratio Lower Upper
41 100
69 80.4 59.2 88.8
39 69.5 47.7 71.5

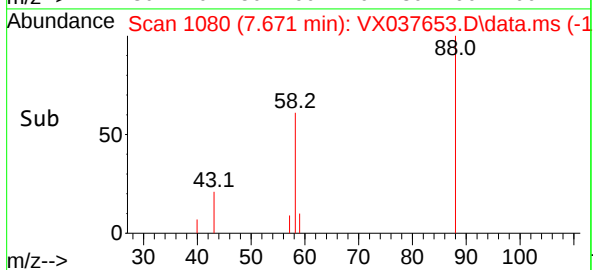
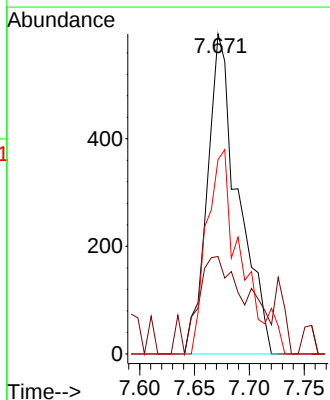
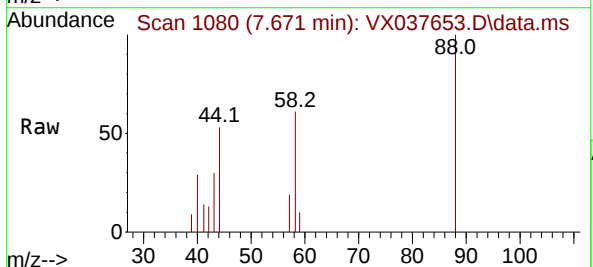
Manual Integrations
APPROVED

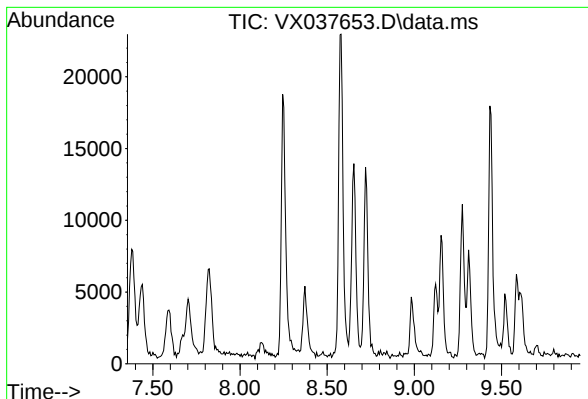
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#49
1,4-Dioxane
Concen: 18.683 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 88 Resp: 1169
Ion Ratio Lower Upper
88 100
43 38.9 0.0 0.0#
58 70.8 60.1 90.1





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

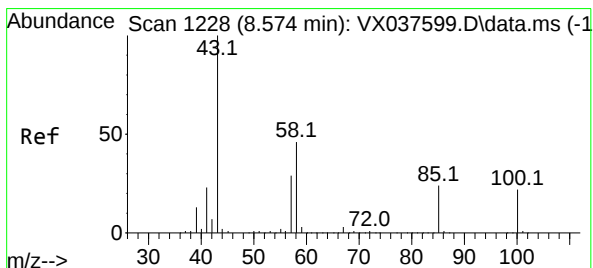
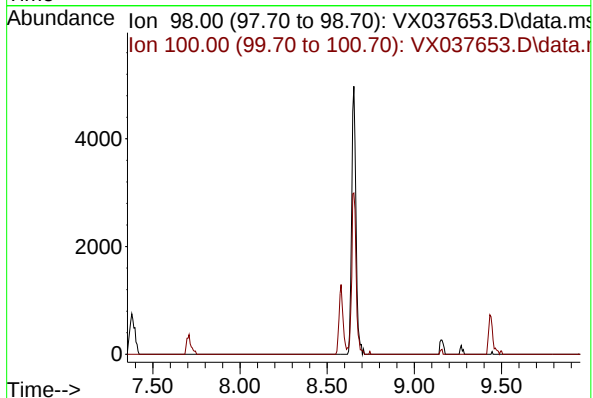
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.4

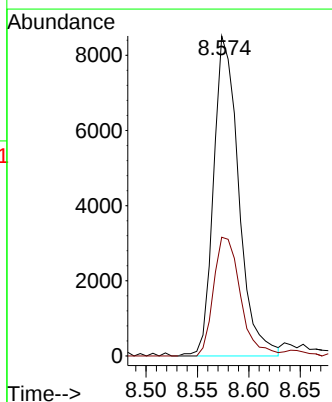
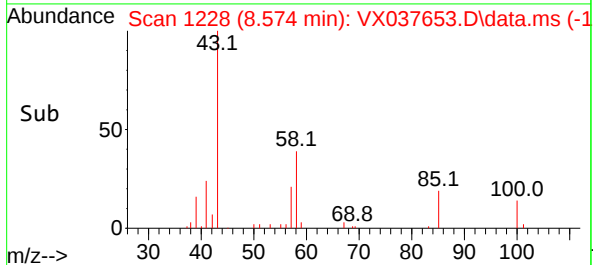
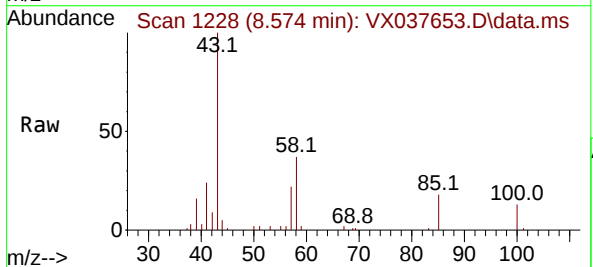
Manual Integrations
APPROVED

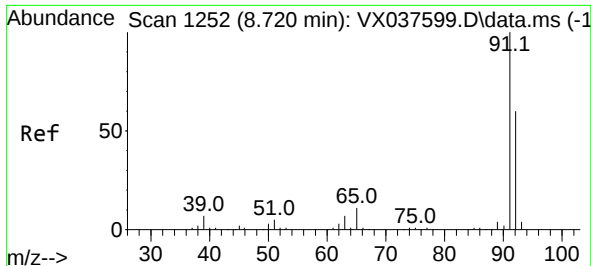
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#51
4-Methyl-2-Pentanone
Concen: 4.262 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

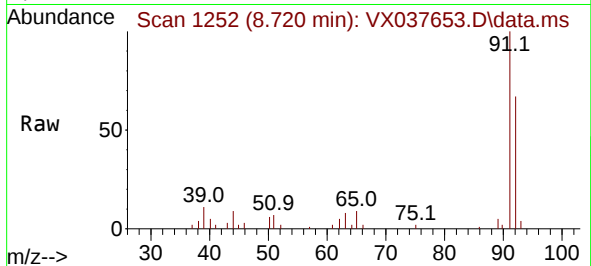
Tgt Ion: 43 Resp: 14455
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6





#52
Toluene
Concen: 0.956 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

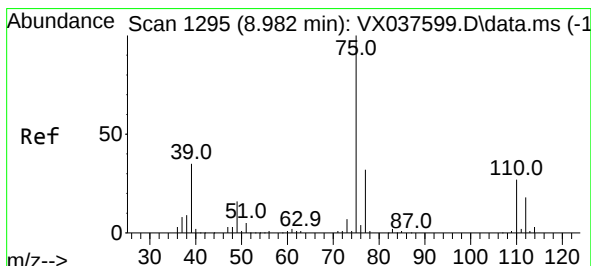
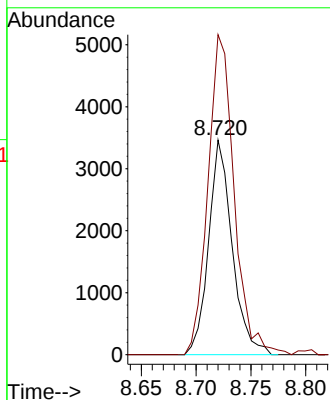
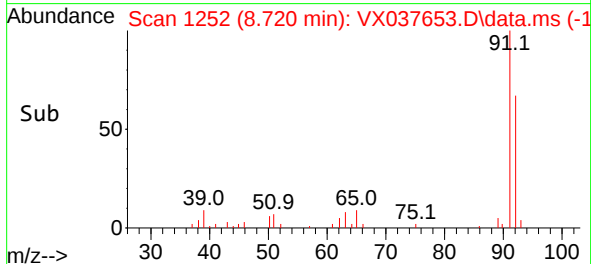
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



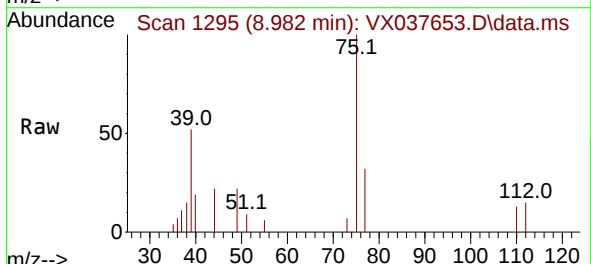
Tgt Ion: 92 Resp: 5190
Ion Ratio Lower Upper
92 100
91 165.2 134.2 201.2

Manual Integrations
APPROVED

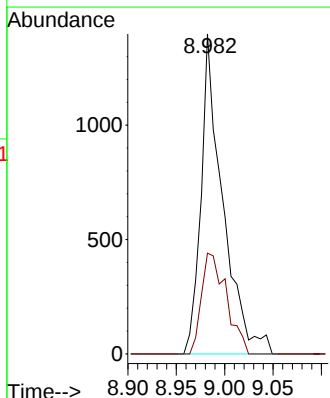
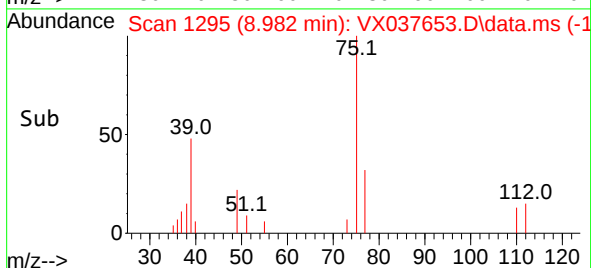
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

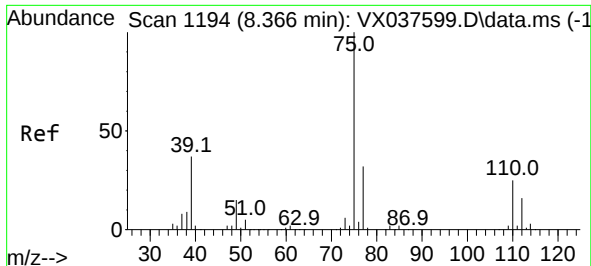


#53
t-1,3-Dichloropropene
Concen: 0.736 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5





#54
cis-1,3-Dichloropropene
Concen: 0.828 ug/l
RT: 8.372 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

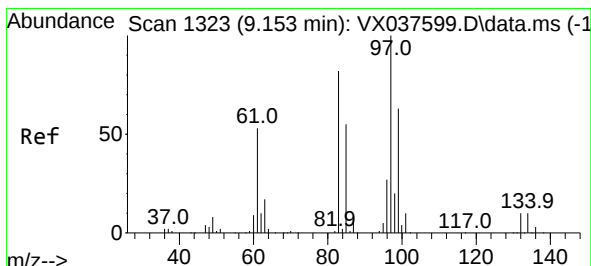
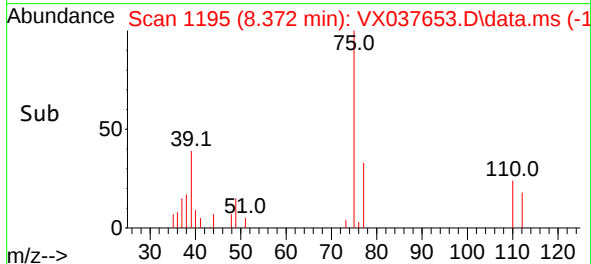
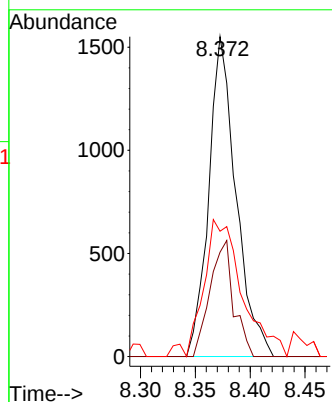
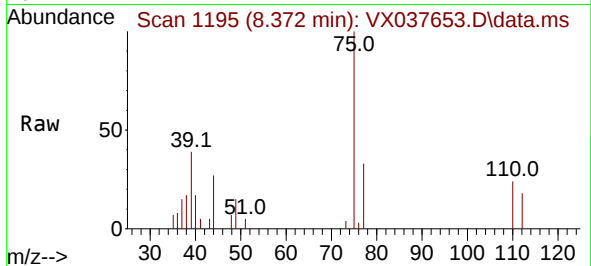
VSTDIC001

Tgt Ion: 75 Resp: 268
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 35.3 46.7 70.1

Manual Integrations

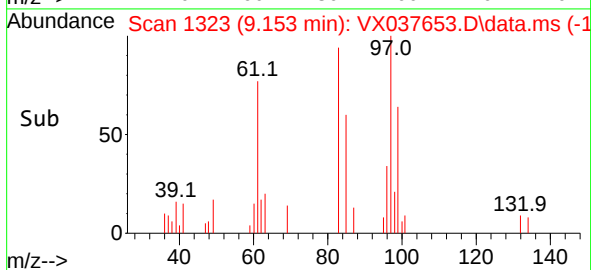
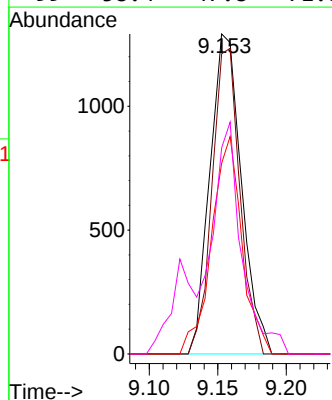
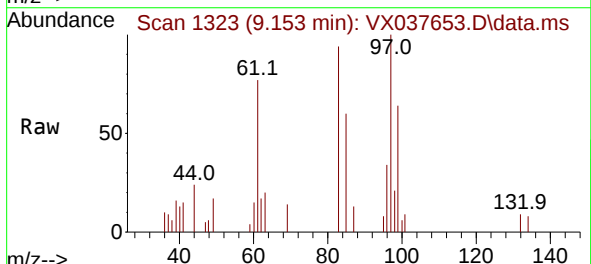
APPROVED

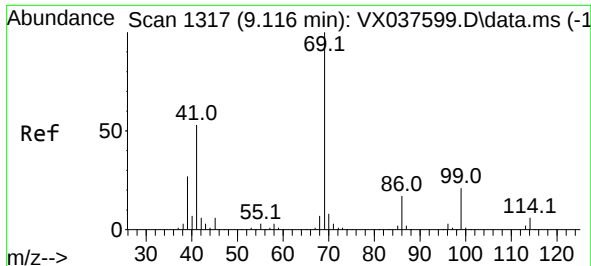
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#55
1,1,2-Trichloroethane
Concen: 0.885 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 97 Resp: 2066
Ion Ratio Lower Upper
97 100
83 93.8 65.8 98.8
85 59.6 41.6 62.4
99 58.4 47.8 71.8





#56

Ethyl methacrylate

Concen: 0.814 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 2854

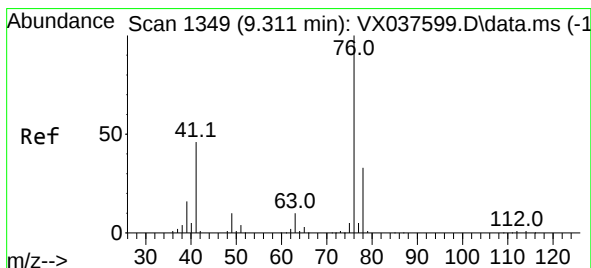
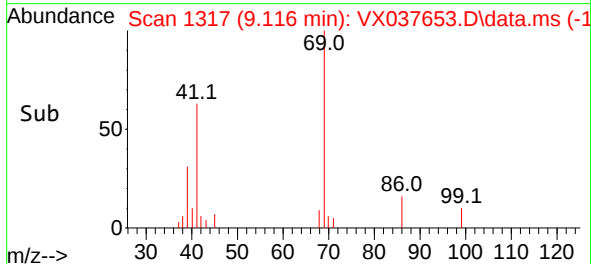
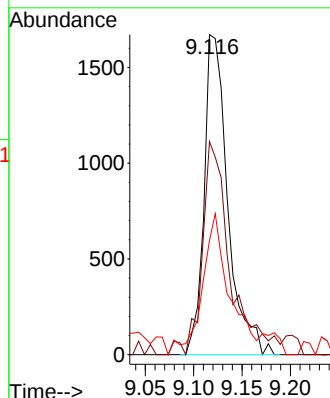
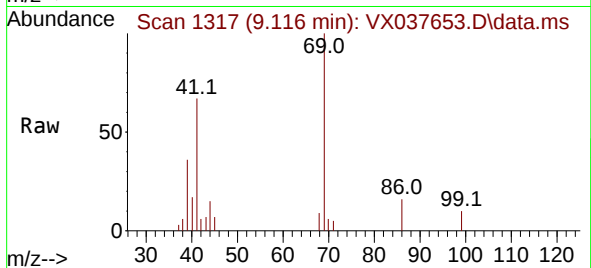
Ion	Ratio	Lower	Upper
69	100		
41	78.4	56.8	85.2
39	50.3	32.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#57

1,3-Dichloropropane

Concen: 0.966 ug/l

RT: 9.311 min Scan# 1349

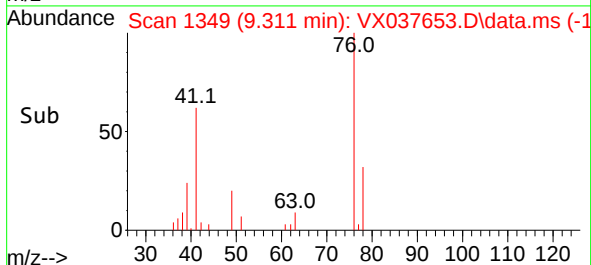
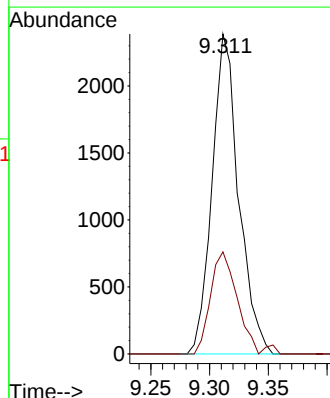
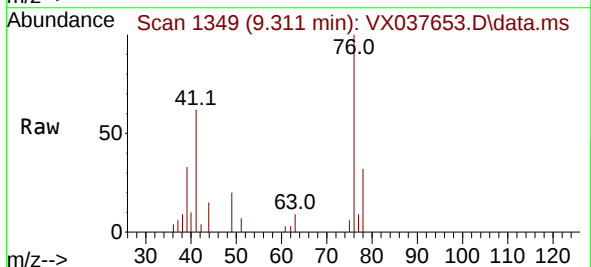
Delta R.T. -0.000 min

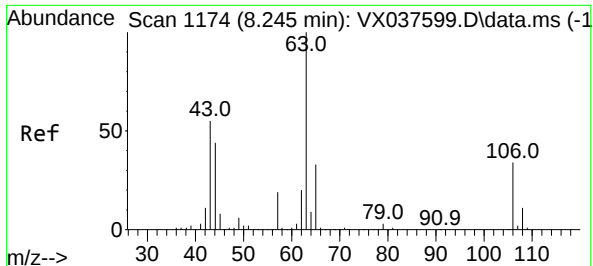
Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion: 76 Resp: 3753

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1





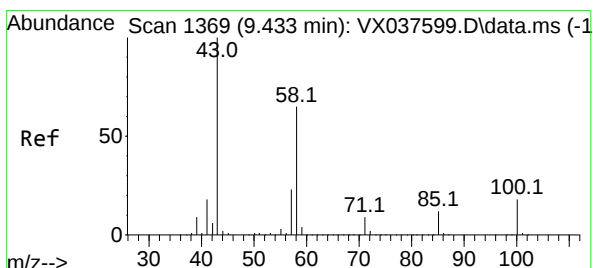
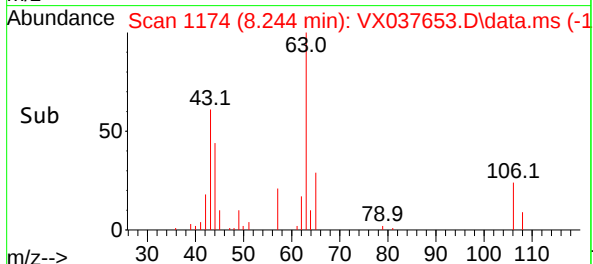
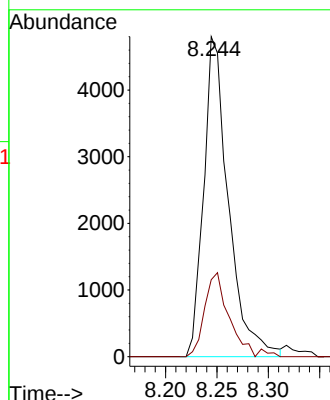
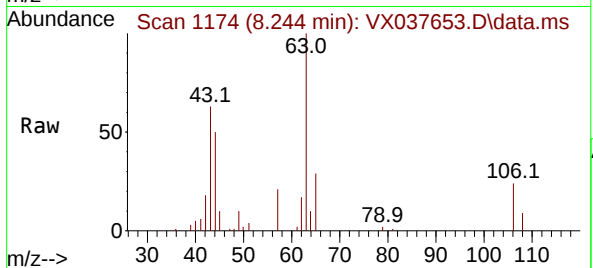
#58
2-Chloroethyl Vinyl ether
Concen: 4.763 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 8064
Ion Ratio Lower Upper
63 100
106 26.3 22.5 33.7

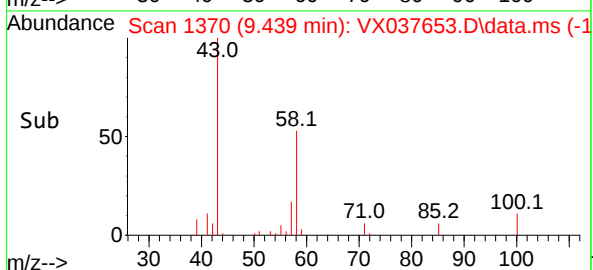
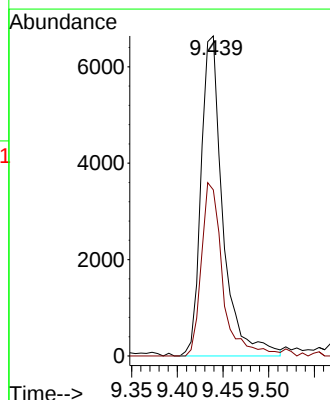
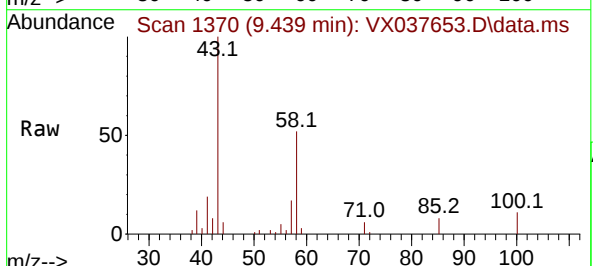
Manual Integrations
APPROVED

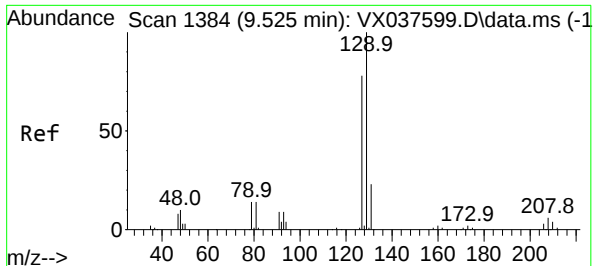
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#59
2-Hexanone
Concen: 4.222 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

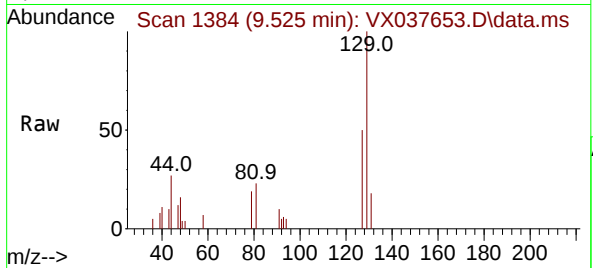
Tgt Ion: 43 Resp: 10982
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5





#60
Dibromochloromethane
Concen: 0.783 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

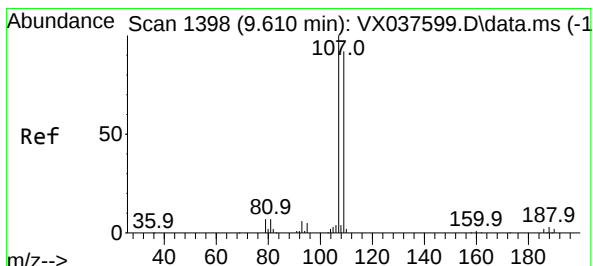
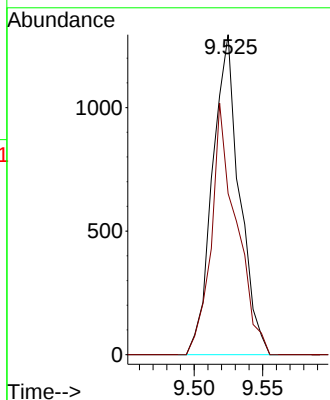
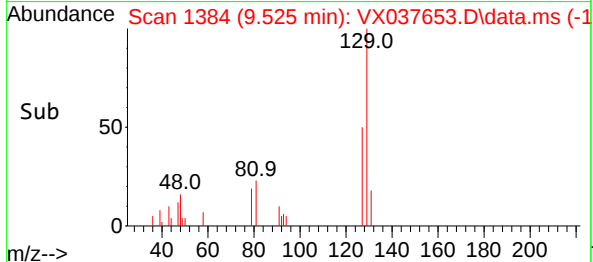
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



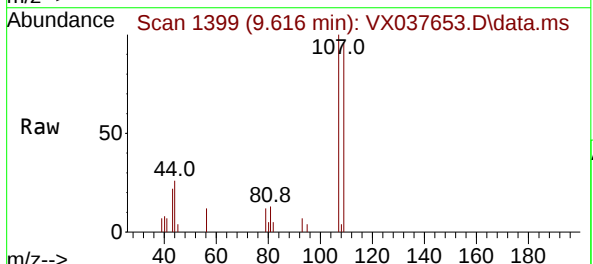
Tgt Ion:129 Resp: 1775
Ion Ratio Lower Upper
129 100
127 72.8 38.8 116.4

Manual Integrations
APPROVED

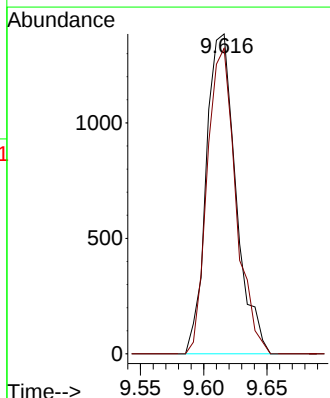
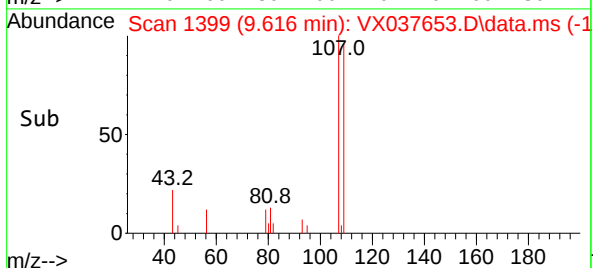
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

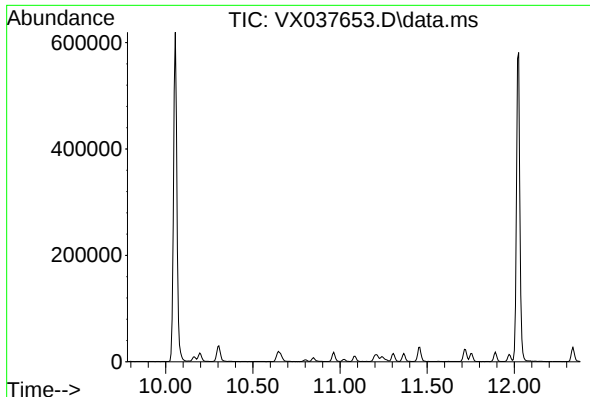


#61
1,2-Dibromoethane
Concen: 0.916 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion:107 Resp: 2254
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8





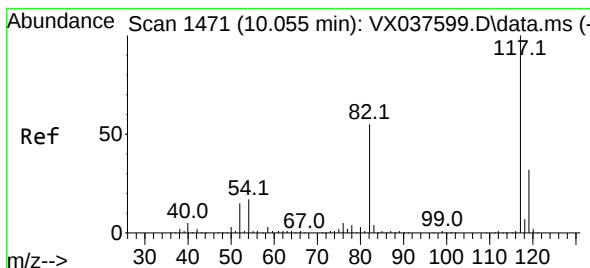
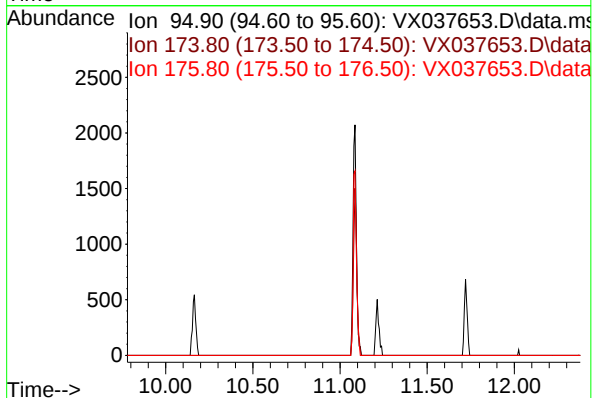
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX037653.D
 Acq: 11 Sep 2023 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 67.8
 176 65.5

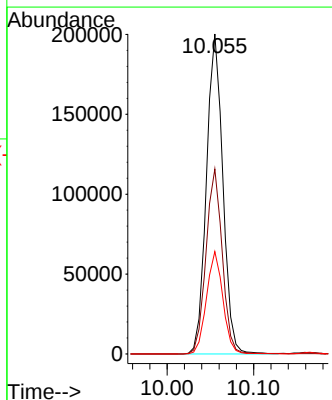
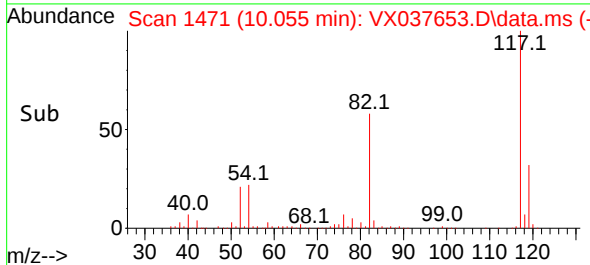
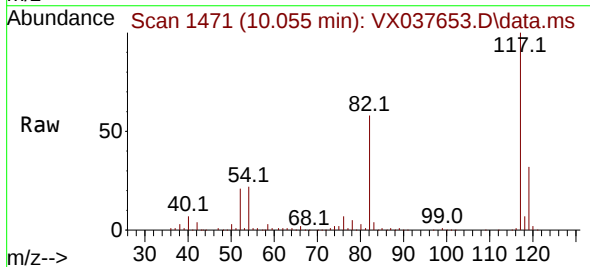
Manual Integrations
 APPROVED

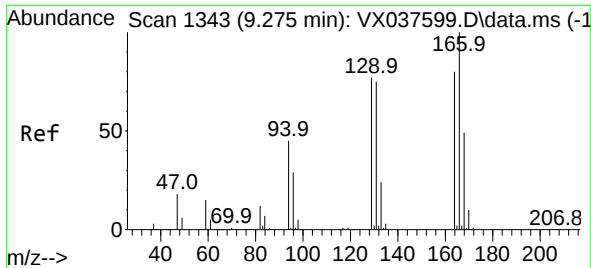
Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX037653.D
 Acq: 11 Sep 2023 20:38

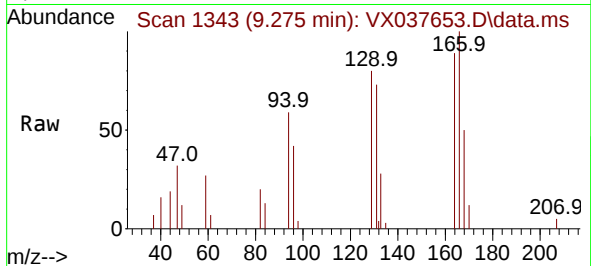
Tgt Ion: 117 Resp: 263828
 Ion Ratio Lower Upper
 117 100
 82 57.8 46.2 69.4
 119 32.0 25.5 38.3





#64
Tetrachloroethene
Concen: 1.133 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

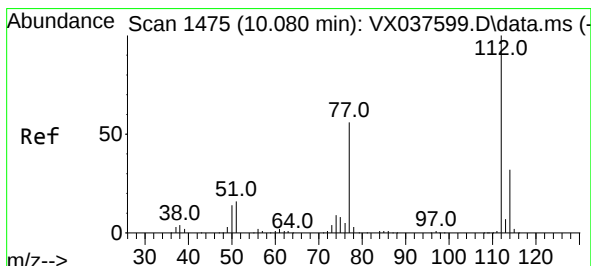
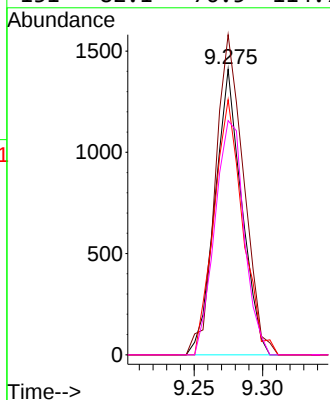
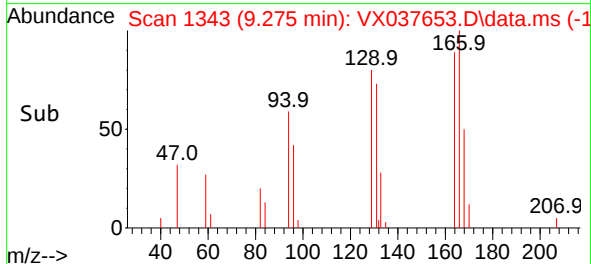
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



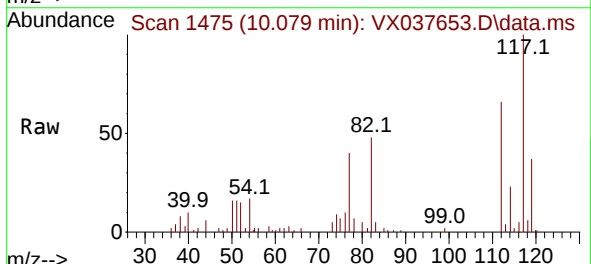
Tgt Ion:164 Resp: 1915
Ion Ratio Lower Upper
164 100
166 112.1 102.7 154.1
129 89.4 80.4 120.6
131 82.1 76.5 114.7

Manual Integrations
APPROVED

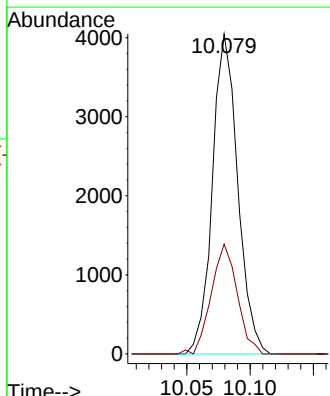
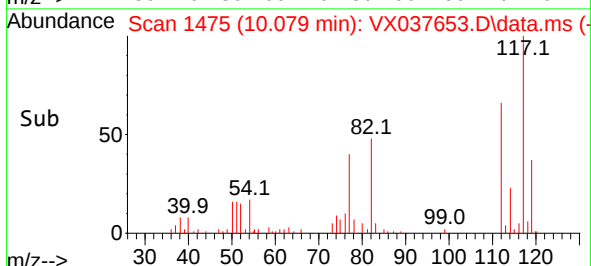
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

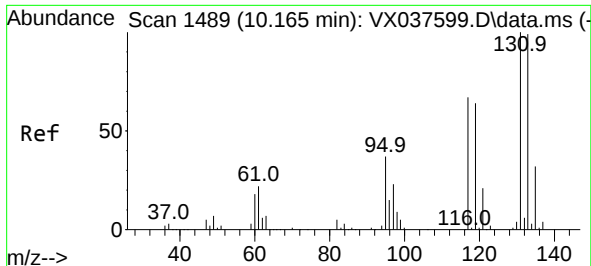


#65
Chlorobenzene
Concen: 0.989 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion:112 Resp: 5626
Ion Ratio Lower Upper
112 100
114 34.3 25.7 38.5





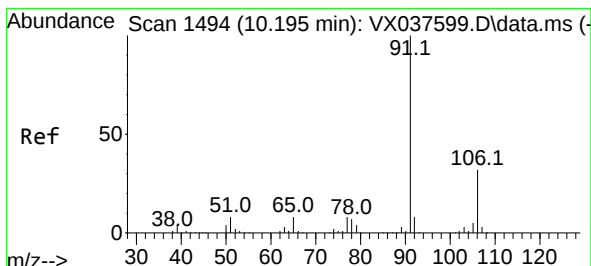
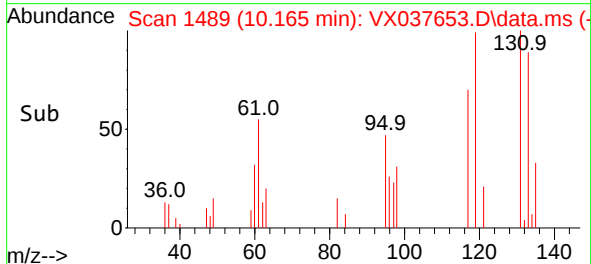
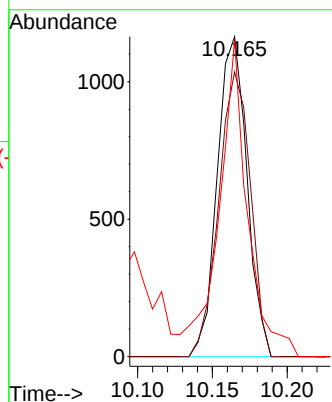
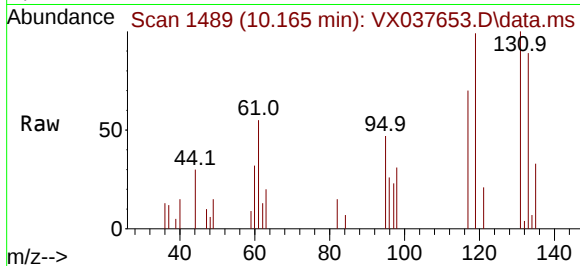
#66
1,1,1,2-Tetrachloroethane
Concen: 0.810 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:131 Resp: 1607
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 0.0 32.2 96.6

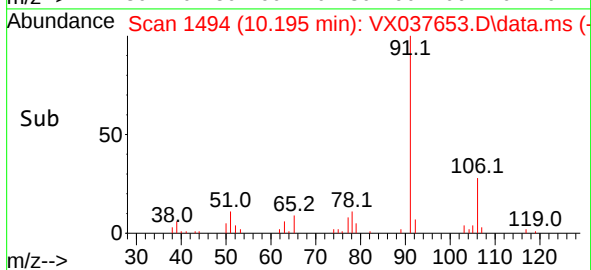
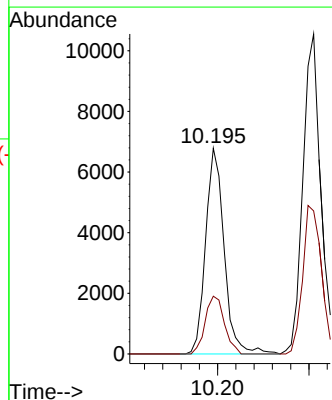
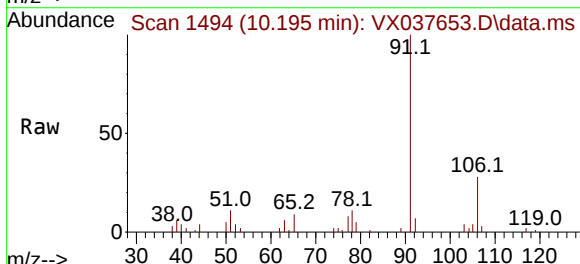
Manual Integrations
APPROVED

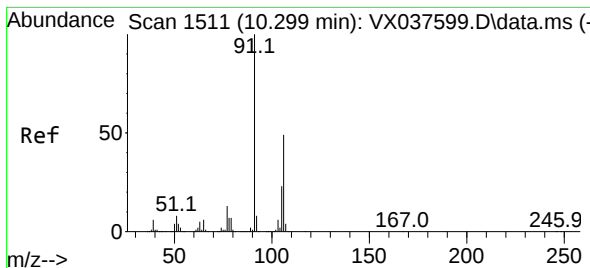
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#67
Ethyl Benzene
Concen: 0.943 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 91 Resp: 9538
Ion Ratio Lower Upper
91 100
106 28.1 24.9 37.3





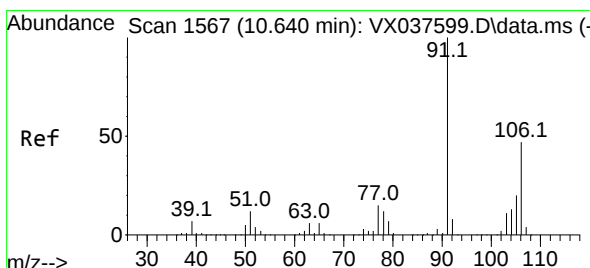
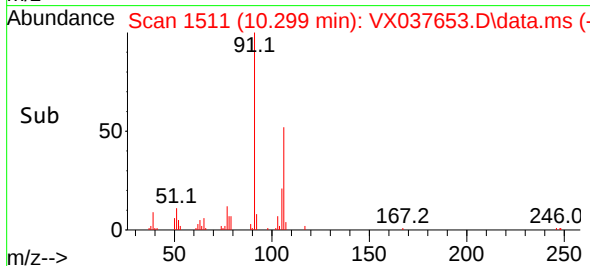
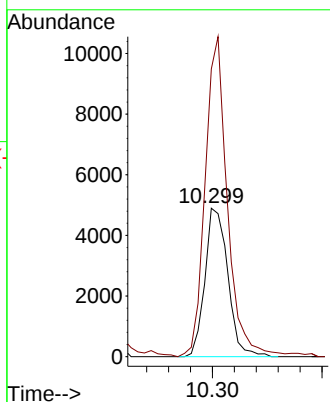
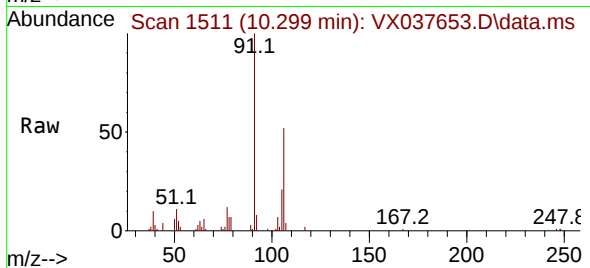
#68
m/p-Xylenes
Concen: 1.846 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 7114
Ion Ratio Lower Upper
106 100
91 210.5 165.5 248.3

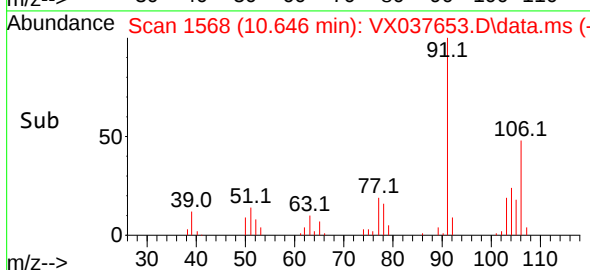
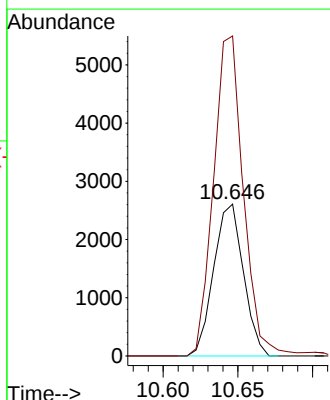
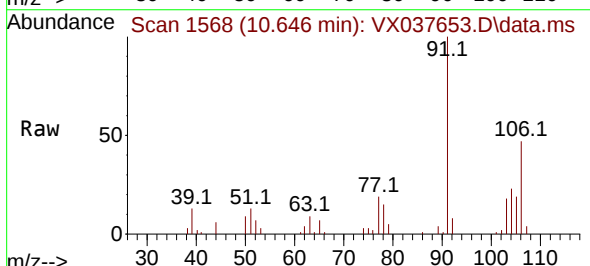
Manual Integrations
APPROVED

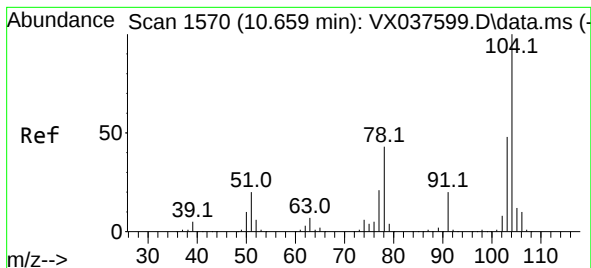
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#69
o-Xylene
Concen: 0.944 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion:106 Resp: 3606
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8





#70

Styrene

Concen: 0.830 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

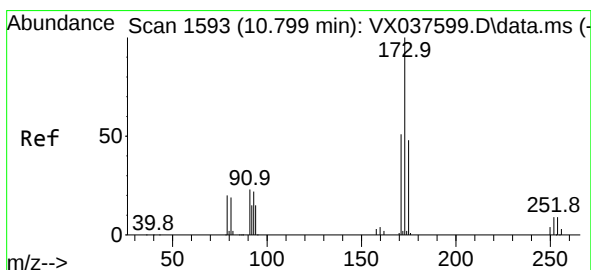
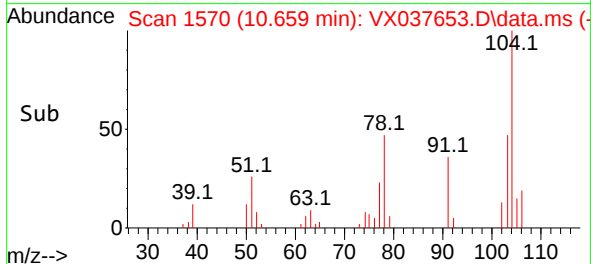
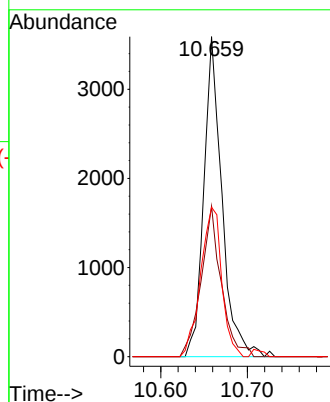
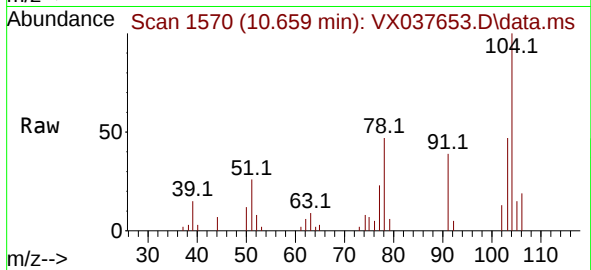
Tgt Ion:	104	Resp:	5230
Ion Ratio	Lower	Upper	
104	100		
78	52.3	43.6	65.4
103	54.2	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#71

Bromoform

Concen: 0.801 ug/l

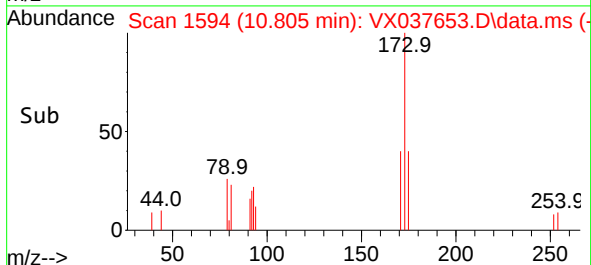
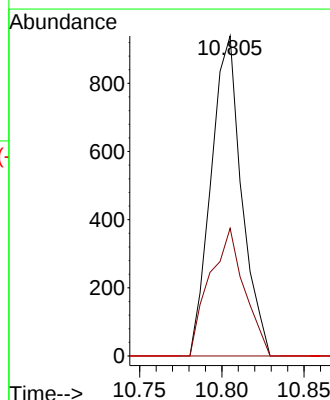
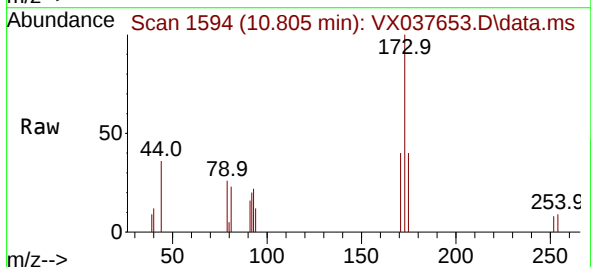
RT: 10.805 min Scan# 1594

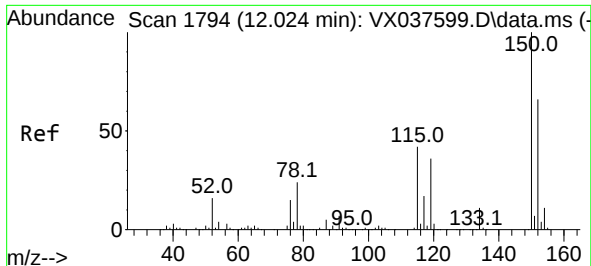
Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

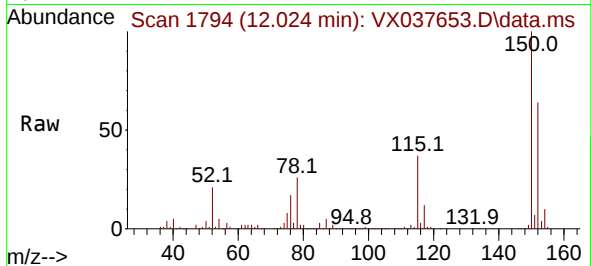
Tgt Ion:	173	Resp:	1216
Ion Ratio	Lower	Upper	
173	100		
175	45.2	24.1	72.4
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11656
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

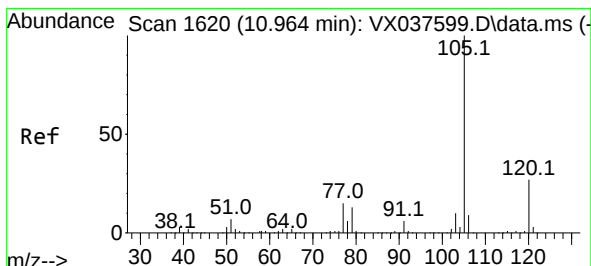
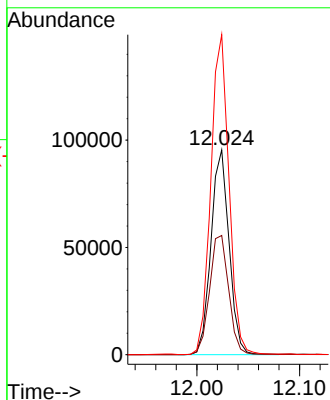
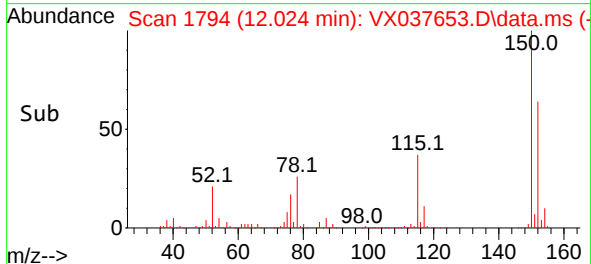
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



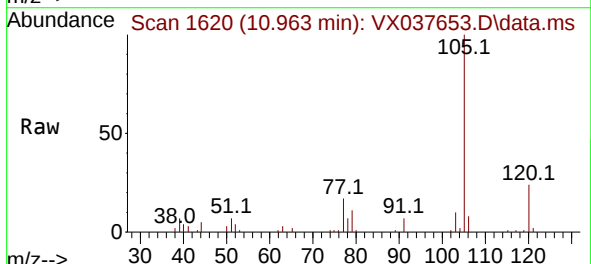
Tgt Ion:152 Resp: 11656
Ion Ratio Lower Upper
152 100
115 61.7 43.3 129.9
150 156.3 0.0 345.0

Manual Integrations
APPROVED

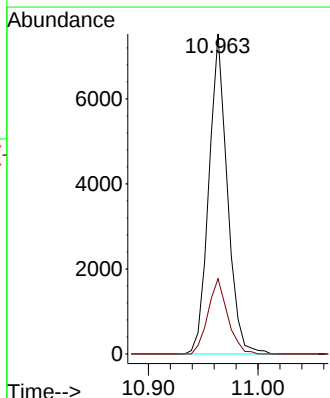
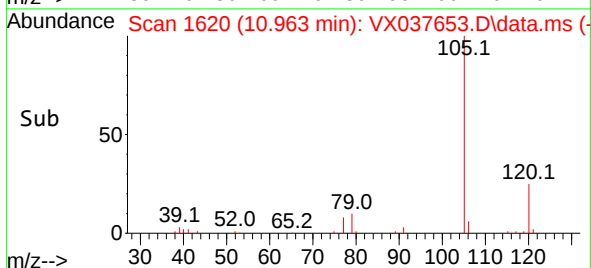
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

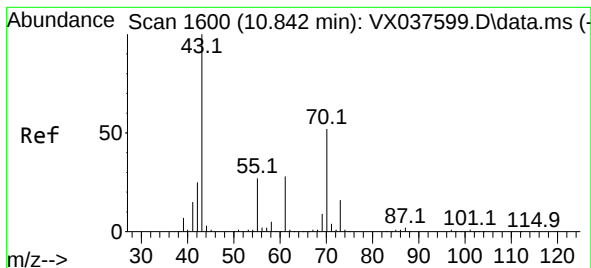


#73
Isopropylbenzene
Concen: 1.001 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion:105 Resp: 8785
Ion Ratio Lower Upper
105 100
120 25.1 12.9 38.6





#74

N-amy1 acetate

Concen: 0.906 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

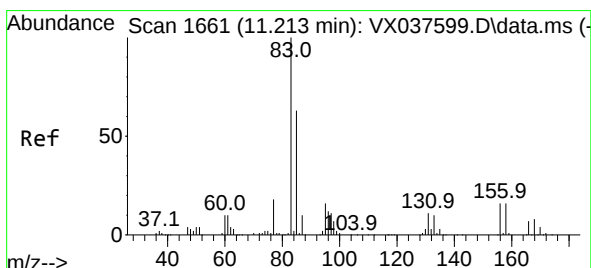
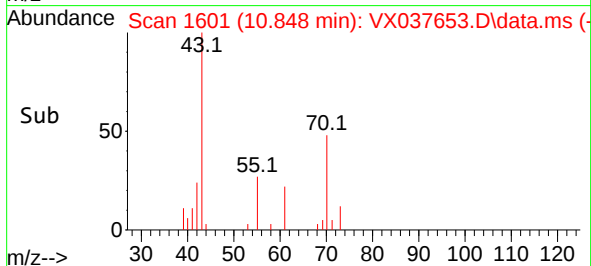
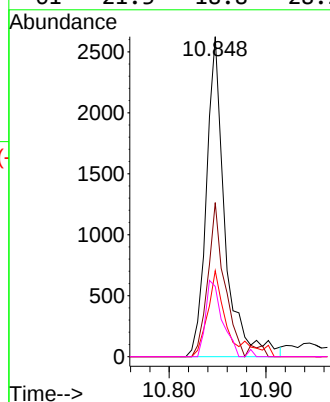
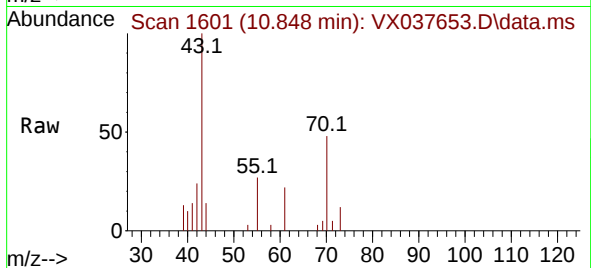
Tgt Ion: 43	Resp: 3509
Ion Ratio	Lower Upper
43 100	
70 42.7	32.9 49.3
55 28.2	19.3 28.9
61 21.3	18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 0.965 ug/l

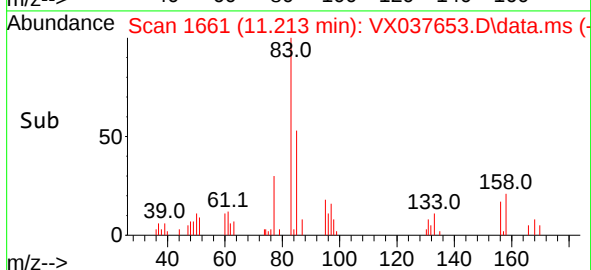
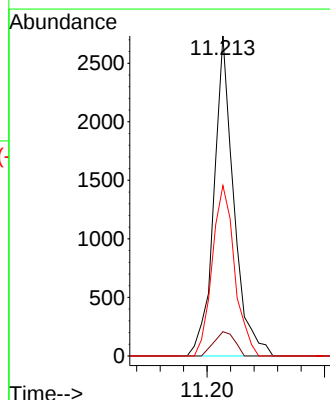
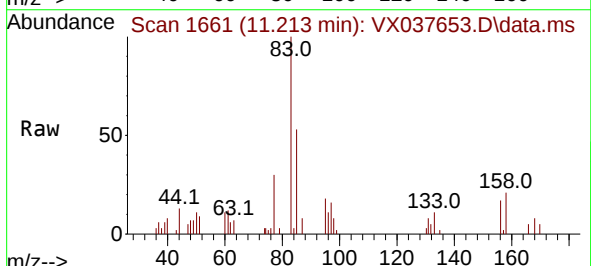
RT: 11.213 min Scan# 1661

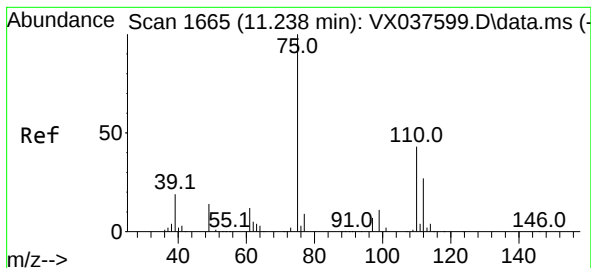
Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion: 83	Resp: 3211
Ion Ratio	Lower Upper
83 100	
131 7.9	5.3 15.8
85 59.7	32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 1.008 ug/l m

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 265

Ion Ratio Lower Upper

75 100

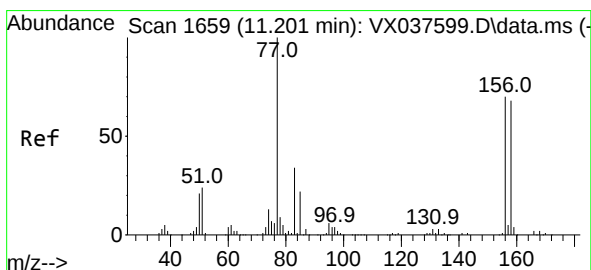
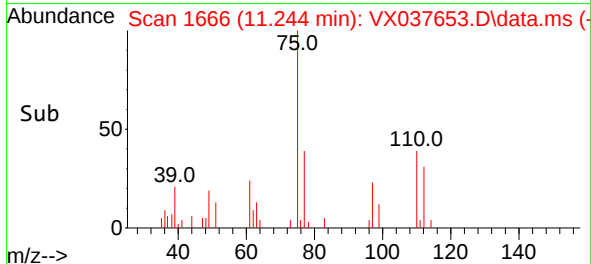
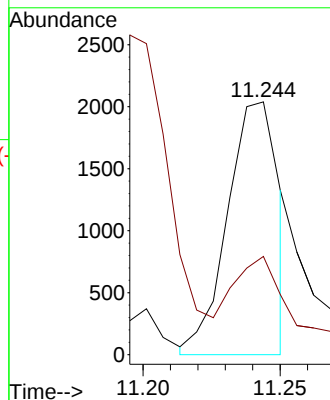
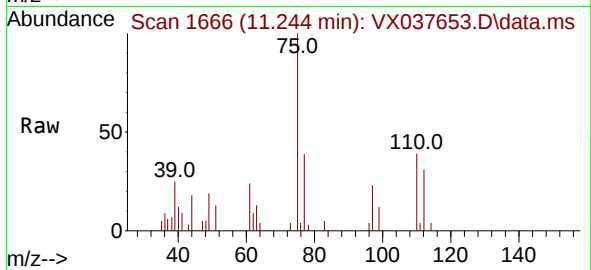
77 45.6 19.1 57.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#77

Bromobenzene

Concen: 1.000 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

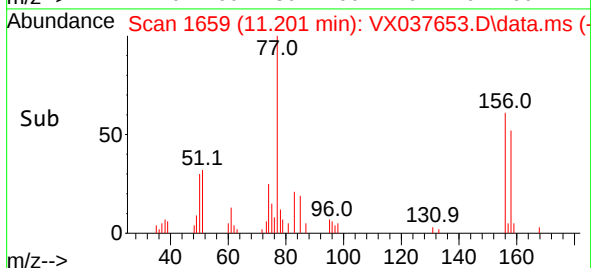
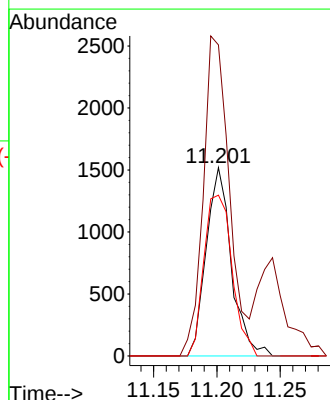
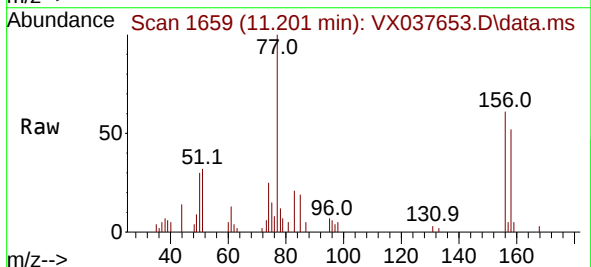
Tgt Ion:156 Resp: 2105

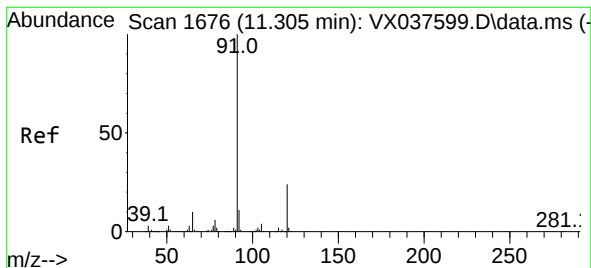
Ion Ratio Lower Upper

156 100

77 176.3 88.4 265.3

158 95.6 48.0 144.0





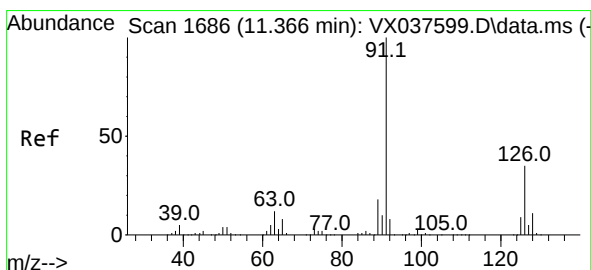
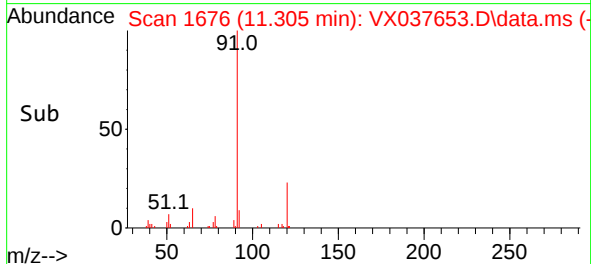
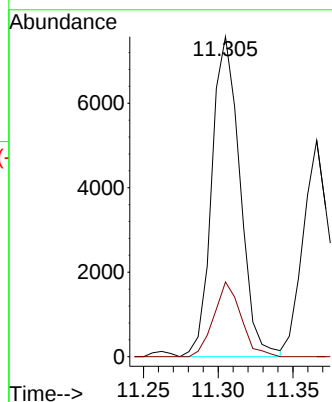
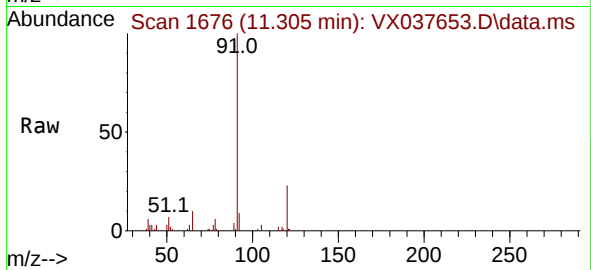
#78
n-propylbenzene
Concen: 0.979 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 9910
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

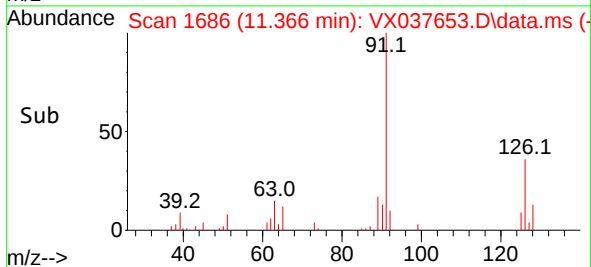
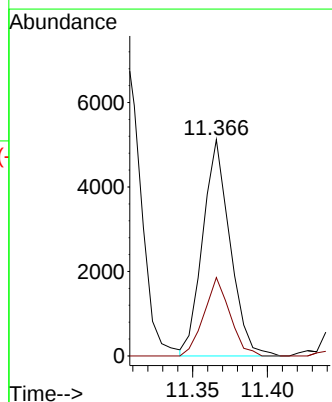
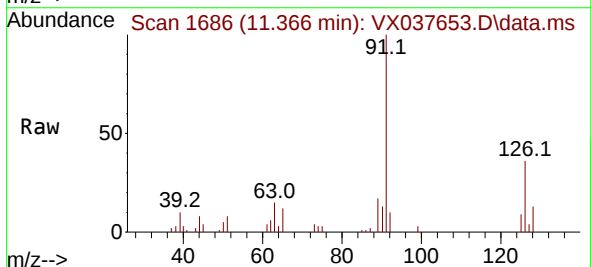
Manual Integrations
APPROVED

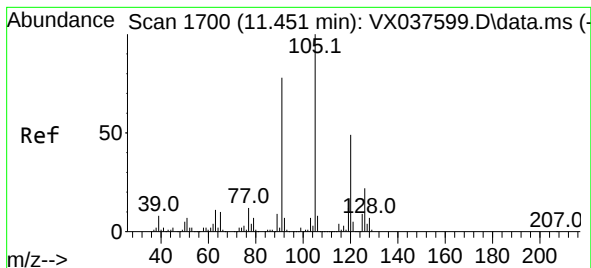
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#79
2-Chlorotoluene
Concen: 1.047 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion: 91 Resp: 6518
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.939 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 695

Ion Ratio Lower Upper

105 100

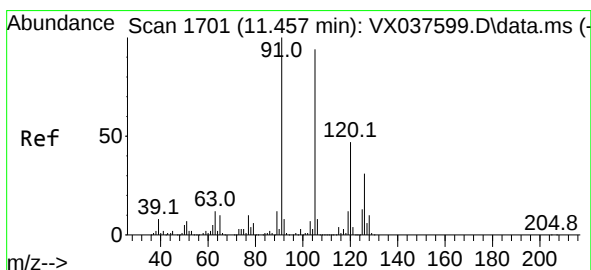
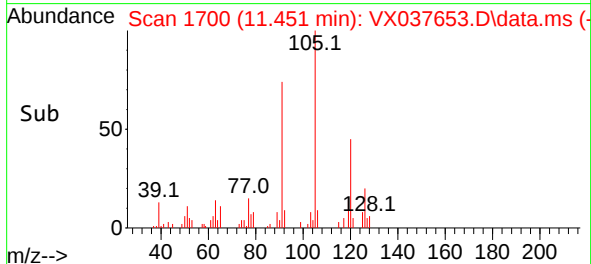
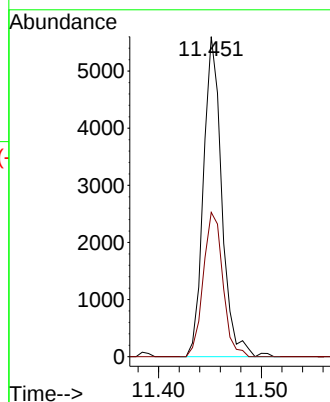
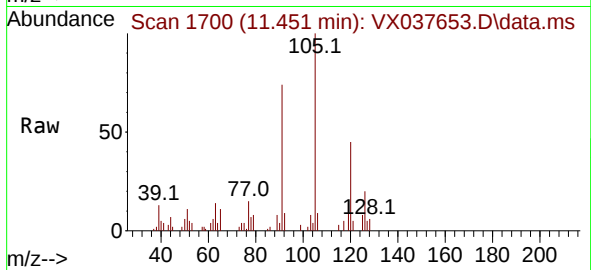
120 48.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#82

4-Chlorotoluene

Concen: 1.025 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX037653.D

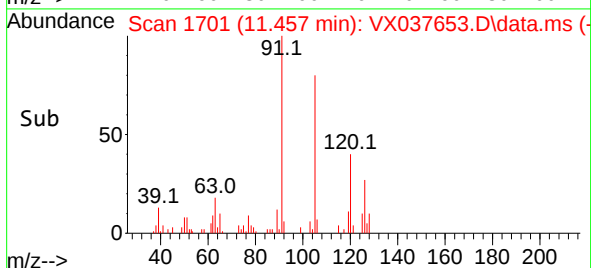
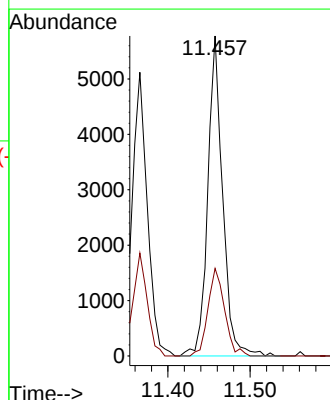
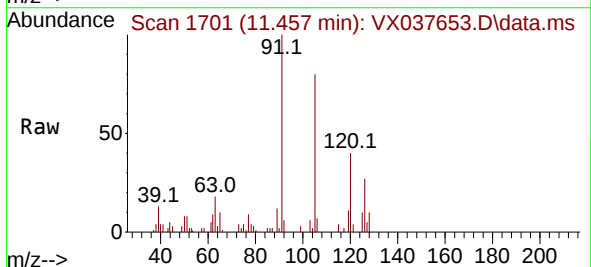
Acq: 11 Sep 2023 20:38

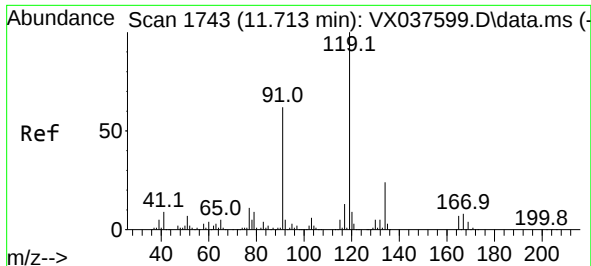
Tgt Ion: 91 Resp: 7261

Ion Ratio Lower Upper

91 100

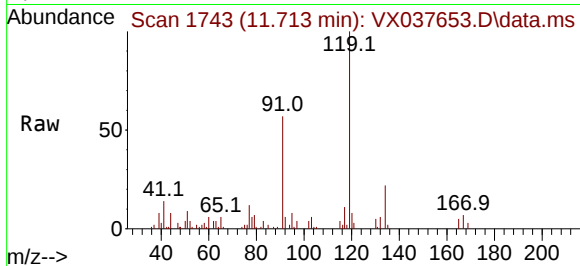
126 30.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.968 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

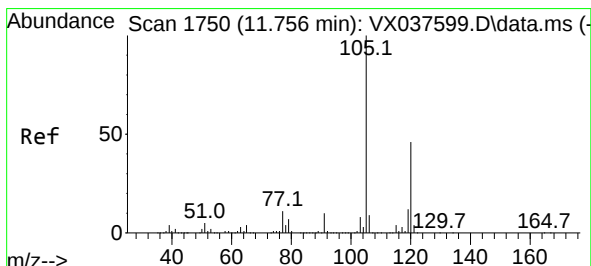
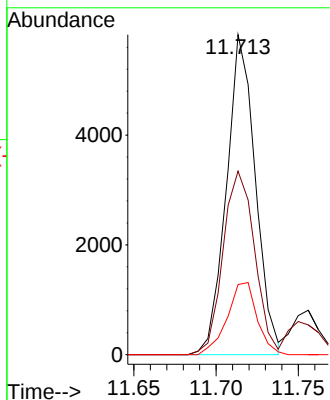
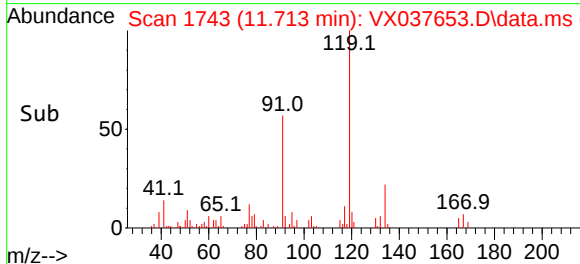
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



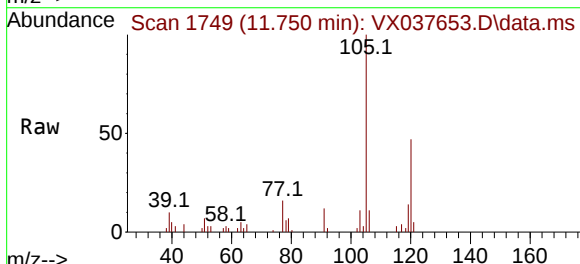
Tgt Ion:119 Resp: 7152
Ion Ratio Lower Upper
119 100
91 62.5 31.2 93.6
134 23.4 11.7 35.0

Manual Integrations
APPROVED

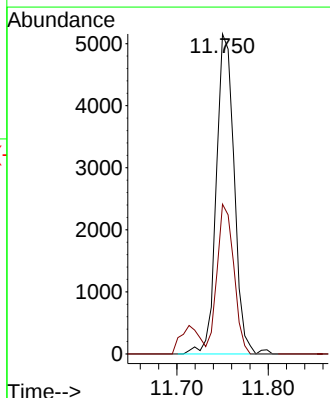
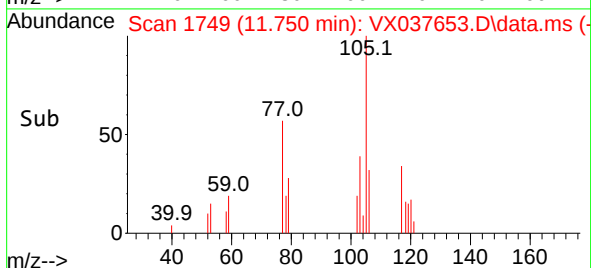
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

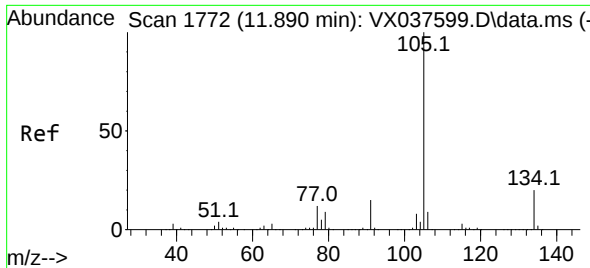


#84
1,2,4-Trimethylbenzene
Concen: 0.941 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion:105 Resp: 7002
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





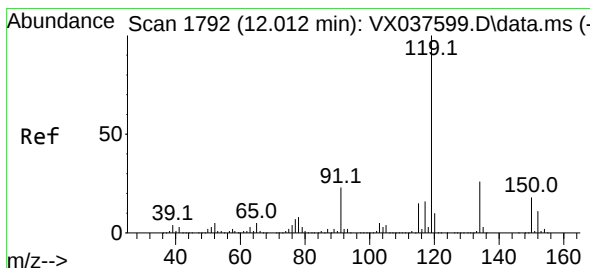
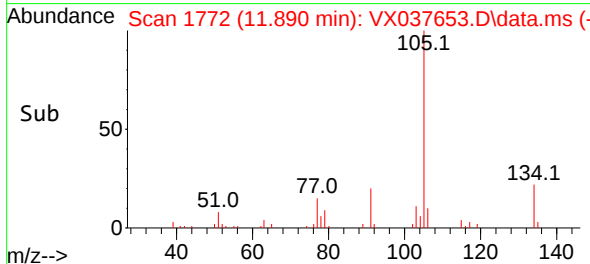
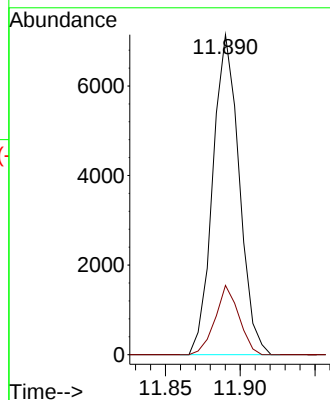
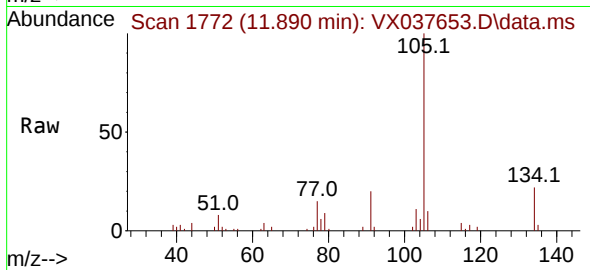
#85
 sec-Butylbenzene
 Concen: 0.957 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037653.D
 Acq: 11 Sep 2023 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 8764
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

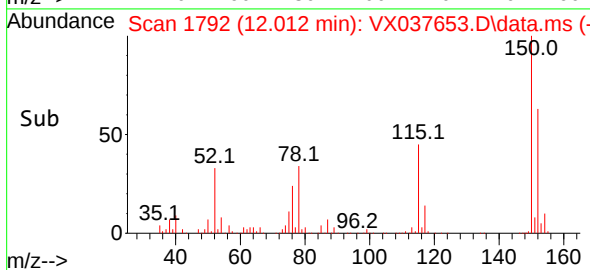
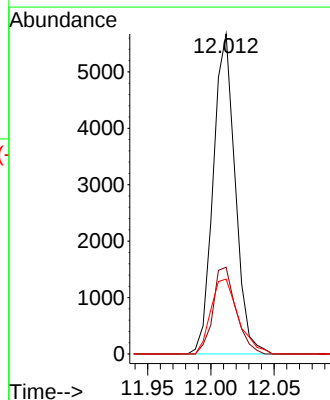
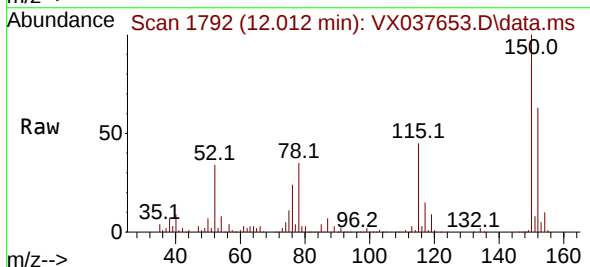
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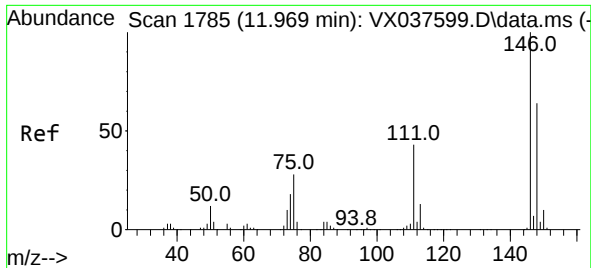
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#86
 p-Isopropyltoluene
 Concen: 0.908 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037653.D
 Acq: 11 Sep 2023 20:38

Tgt Ion:119 Resp: 6847
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.8 38.3
 91 29.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.043 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 417

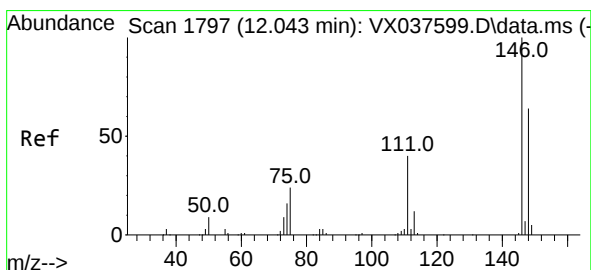
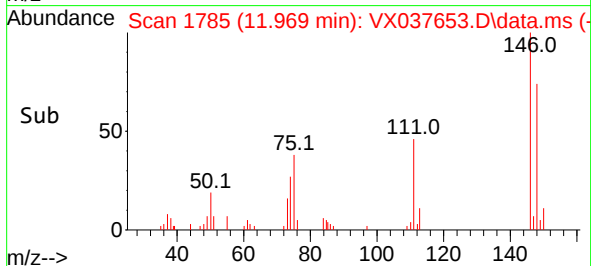
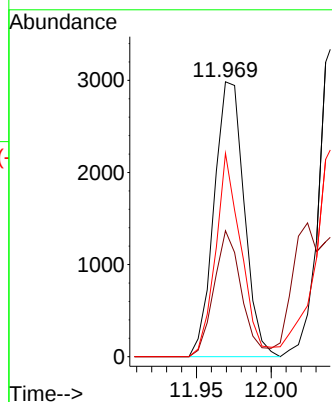
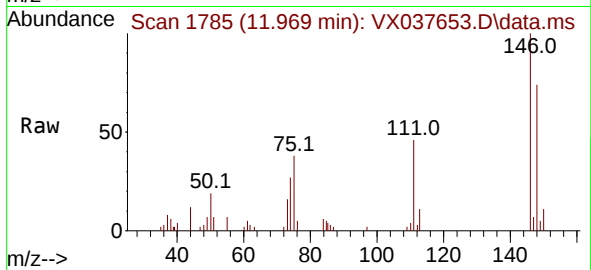
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.1	66.1
148	62.9	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 1.108 ug/l m

RT: 12.043 min Scan# 1797

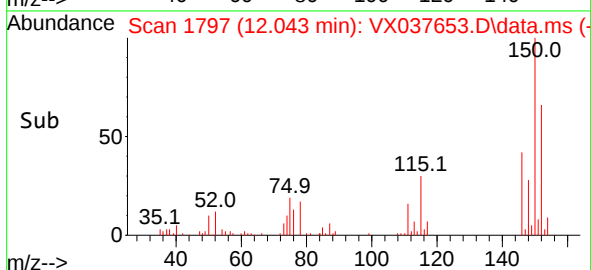
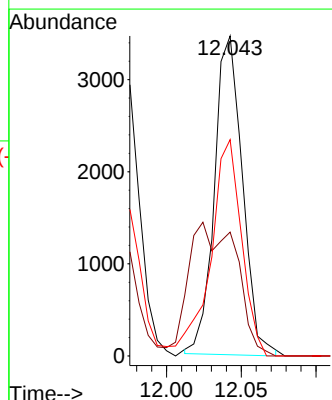
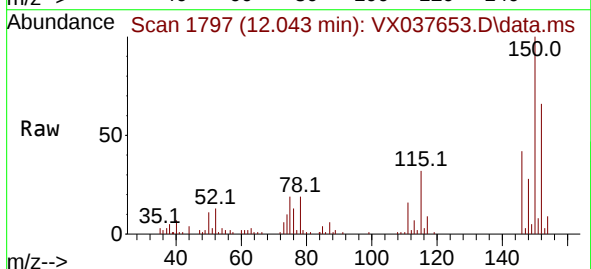
Delta R.T. -0.000 min

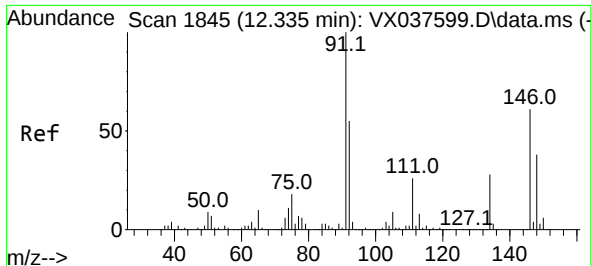
Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion:146 Resp: 4511

Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.3	63.7
148	58.1	31.8	95.4





#89

n-Butylbenzene

Concen: 0.908 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

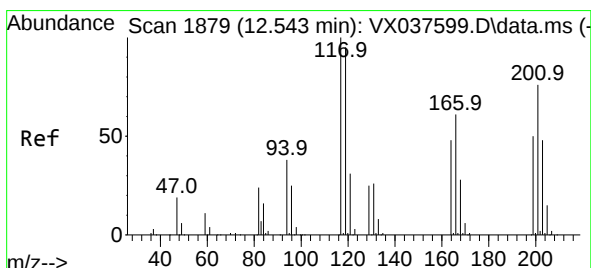
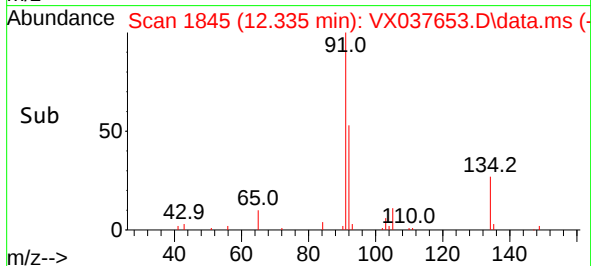
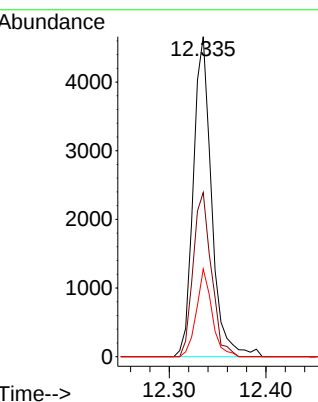
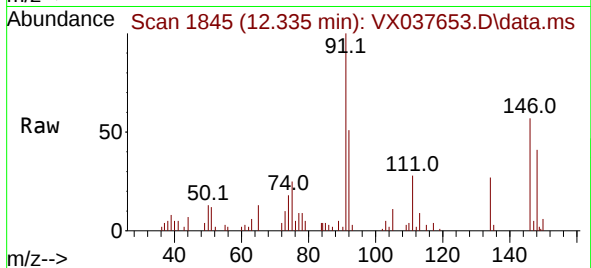
Tgt Ion: 91	Resp: 613
Ion Ratio	Lower Upper
91	100
92	51.1 27.4 82.0
134	23.4 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#90

Hexachloroethane

Concen: 0.819 ug/l

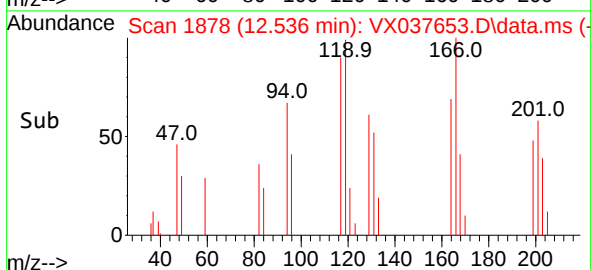
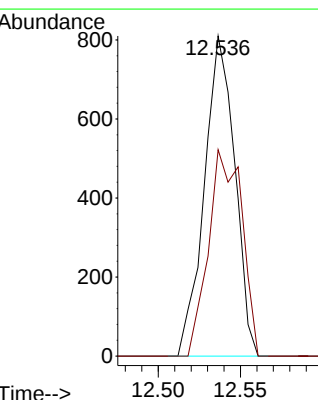
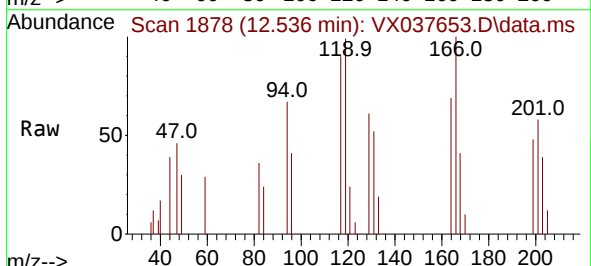
RT: 12.536 min Scan# 1878

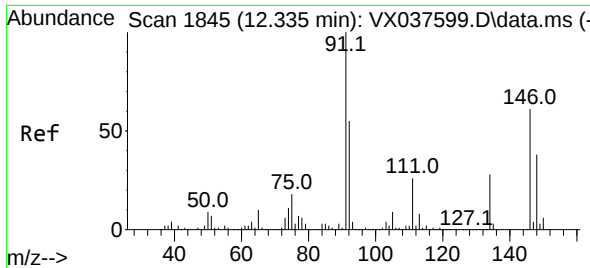
Delta R.T. -0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

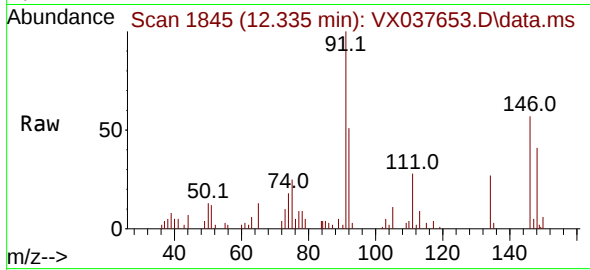
Tgt Ion: 117	Resp: 1044
Ion Ratio	Lower Upper
117	100
201	70.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.955 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

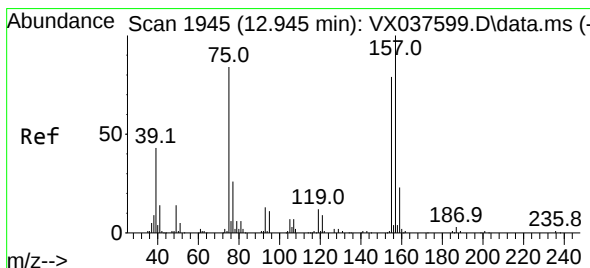
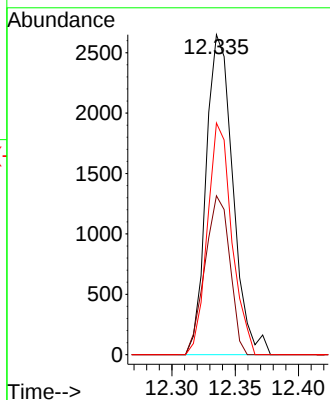
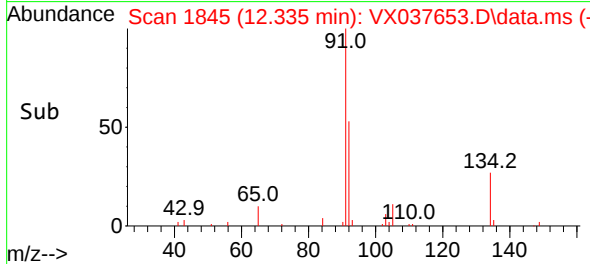
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



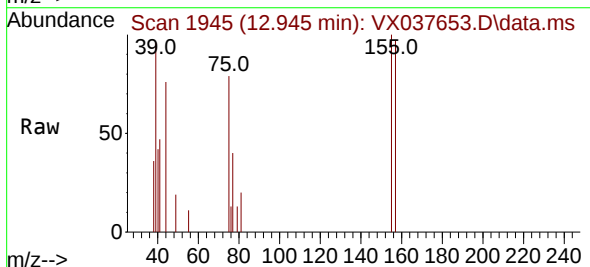
Tgt Ion:146 Resp: 3884
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.0
148 66.3 31.6 95.0

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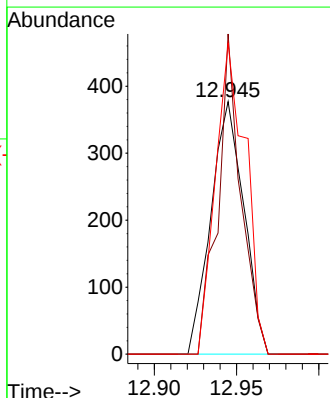
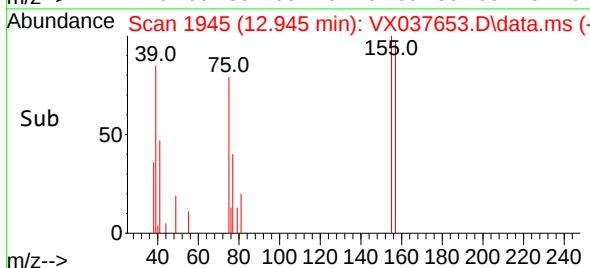
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

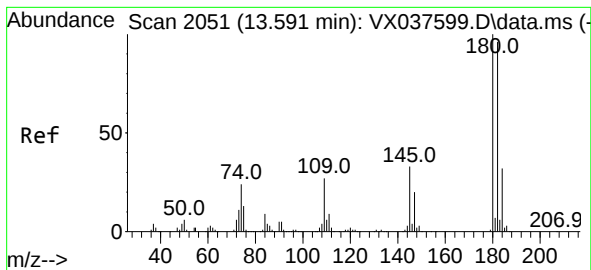


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.753 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38



Tgt Ion: 75 Resp: 526
Ion Ratio Lower Upper
75 100
155 88.8 36.1 108.5
157 112.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.985 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

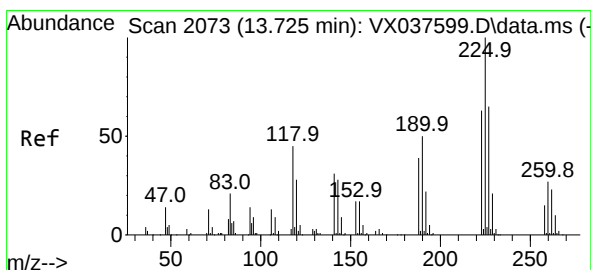
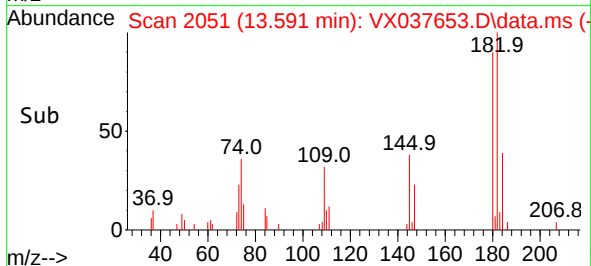
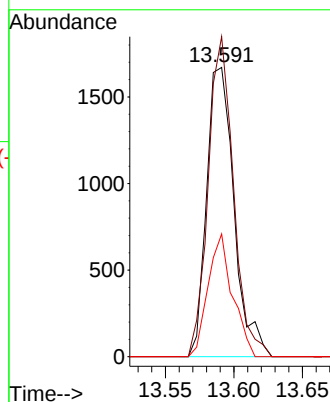
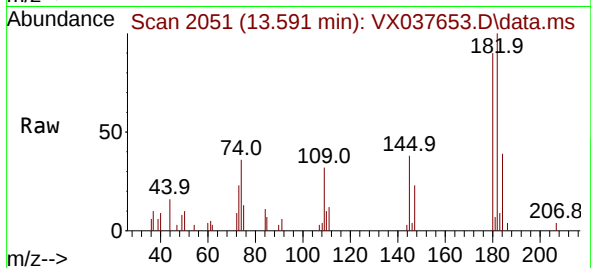
Tgt Ion:	180	Resp:	232
Ion Ratio	Lower	Upper	
180	100		
182	102.0	48.3	144.8
145	37.9	18.0	54.0

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#94

Hexachlorobutadiene

Concen: 0.860 ug/l

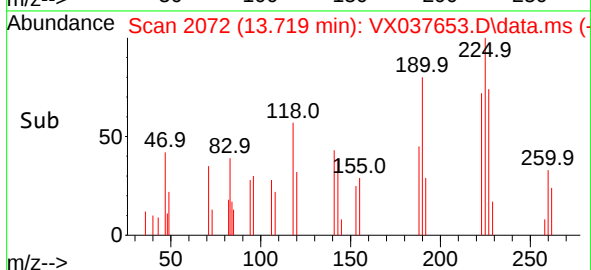
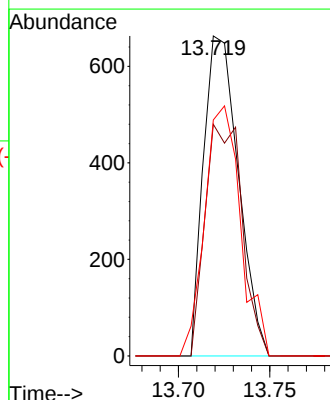
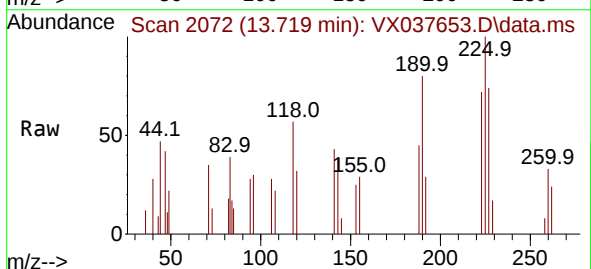
RT: 13.719 min Scan# 2072

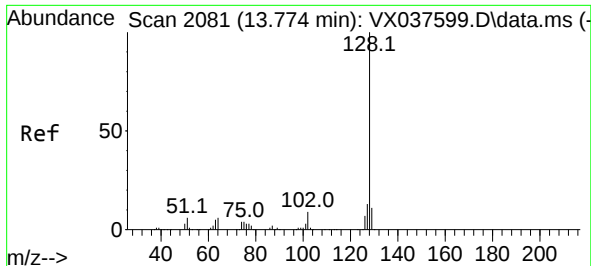
Delta R.T. -0.006 min

Lab File: VX037653.D

Acq: 11 Sep 2023 20:38

Tgt Ion:	225	Resp:	881
Ion Ratio	Lower	Upper	
225	100		
223	76.6	31.1	93.2
227	80.6	32.5	97.5





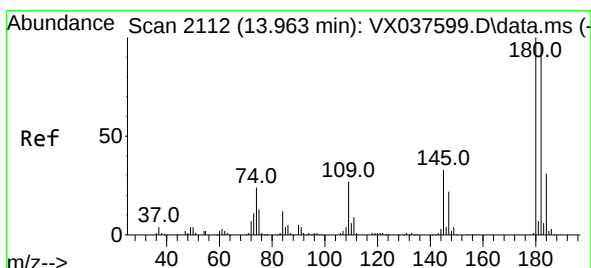
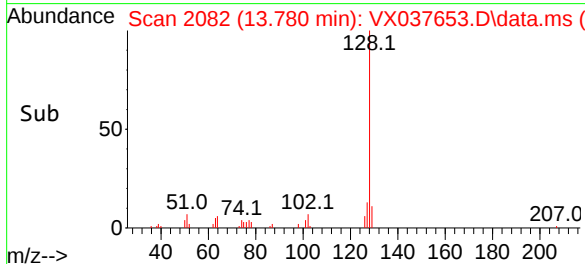
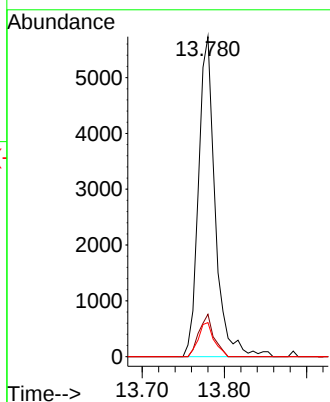
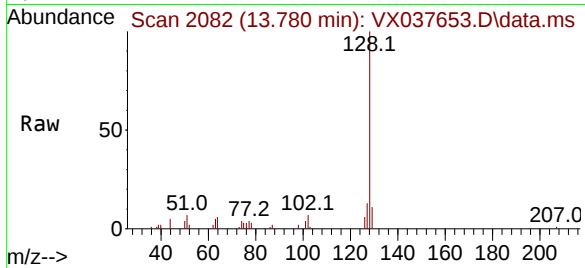
#95
Naphthalene
Concen: 0.944 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 807
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.1 8.8 13.2

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Reviewed By :John Carbone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.004 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037653.D
Acq: 11 Sep 2023 20:38

Tgt Ion:180 Resp: 2445
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.6
145 31.1 17.8 53.5

