

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037598.D
 Acq On : 08 Sep 2023 11:54
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 09 04:01:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39549	21.279	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	42.560%#		
35) Dibromofluoromethane	5.391	113	34295	19.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.940%#		
50) Toluene-d8	8.653	98	126060	20.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.020%#		
62) 4-Bromofluorobenzene	11.079	95	47557	20.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28327	20.272	ug/l	98
3) Chloromethane	1.307	50	32760	20.943	ug/l	97
4) Vinyl Chloride	1.374	62	32727	20.309	ug/l	95
5) Bromomethane	1.599	94	15146	21.211	ug/l	98
6) Chloroethane	1.678	64	17361m	20.110	ug/l	
7) Trichlorofluoromethane	1.880	101	46726	21.335	ug/l	99
8) Diethyl Ether	2.136	74	20779	21.346	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	27916	19.057	ug/l	93
10) Methyl Iodide	2.447	142	40496	21.315	ug/l	92
11) Tert butyl alcohol	2.965	59	43260	104.018	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	29118	19.694	ug/l	83
13) Acrolein	2.239	56	44618	109.121	ug/l	99
14) Allyl chloride	2.660	41	43939	21.193	ug/l #	86
15) Acrylonitrile	3.062	53	97605	107.646	ug/l	98
16) Acetone	2.380	43	78698	102.966	ug/l #	82
17) Carbon Disulfide	2.508	76	68322	18.450	ug/l	97
18) Methyl Acetate	2.703	43	67182	21.665	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	111801	21.328	ug/l	98
20) Methylene Chloride	2.788	84	38645	21.341	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	33331	20.181	ug/l	88
22) Diisopropyl ether	3.757	45	95084	21.657	ug/l #	94
23) Vinyl Acetate	3.721	43	344532	109.926	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	60159	21.027	ug/l	97
25) 2-Butanone	4.562	43	123212	106.294	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	43413	20.583	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	40886	20.773	ug/l	85
28) Bromochloromethane	4.904	49	28223	22.599	ug/l #	71
29) Tetrahydrofuran	5.007	42	80642	108.594	ug/l #	81
30) Chloroform	5.092	83	65555	21.355	ug/l	99
31) Cyclohexane	5.470	56	44430	19.647	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	54682	20.682	ug/l	95
36) 1,1-Dichloropropene	5.696	75	42696	18.817	ug/l	96
37) Ethyl Acetate	4.721	43	47502	20.419	ug/l #	91
38) Carbon Tetrachloride	5.672	117	44801	19.105	ug/l	99
39) Methylcyclohexane	7.379	83	50400	18.217	ug/l	89
40) Benzene	6.037	78	142544	20.418	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24649	20.799	ug/l #	83
42) 1,2-Dichloroethane	6.092	62	49043	20.979	ug/l	92
43) Isopropyl Acetate	6.342	43	72434	20.788	ug/l #	90
44) Trichloroethene	7.129	130	37476	19.542	ug/l	94
45) 1,2-Dichloropropane	7.434	63	35608	20.827	ug/l	97
46) Dibromomethane	7.586	93	26636	20.758	ug/l	91
47) Bromodichloromethane	7.824	83	47953	20.452	ug/l	98
48) Methyl methacrylate	7.696	41	35173	21.091	ug/l #	77
49) 1,4-Dioxane	7.665	88	23194	443.266	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	239085	107.888	ug/l	88
52) Toluene	8.720	92	92816	20.469	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	48340	19.856	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	55295	20.414	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	39810	21.115	ug/l	98
56) Ethyl methacrylate	9.116	69	57975	21.105	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	65250	20.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	147991	106.479	ug/l	91
59) 2-Hexanone	9.433	43	184140	108.947	ug/l	85
60) Dibromochloromethane	9.525	129	38479	20.498	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42389	20.996	ug/l	100
64) Tetrachloroethene	9.275	164	30011	18.616	ug/l	96
65) Chlorobenzene	10.079	112	100476	19.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36825	20.543	ug/l	98
67) Ethyl Benzene	10.195	91	170351	19.813	ug/l	98
68) m/p-Xylenes	10.299	106	137020	40.512	ug/l	95
69) o-Xylene	10.640	106	67865	20.180	ug/l	97
70) Styrene	10.659	104	112135	20.509	ug/l	96
71) Bromoform	10.799	173	26690	19.656	ug/l #	98
73) Isopropylbenzene	10.963	105	171701	20.054	ug/l	99
74) N-amyl acetate	10.841	43	62991	21.343	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	63174	21.233	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55596m	20.791	ug/l	
77) Bromobenzene	11.201	156	43701	20.621	ug/l	91
78) n-propylbenzene	11.305	91	189245	19.875	ug/l	98
79) 2-Chlorotoluene	11.366	91	123810	20.464	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	148030	20.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15583	19.773	ug/l	89
82) 4-Chlorotoluene	11.457	91	138768	20.342	ug/l	97
83) tert-Butylbenzene	11.713	119	149267	20.387	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	149477	20.587	ug/l	97
85) sec-Butylbenzene	11.890	105	175297	19.861	ug/l	99
86) p-Isopropyltoluene	12.012	119	148886	19.918	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	79828	19.797	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	80492	19.622	ug/l	100
89) n-Butylbenzene	12.335	91	115509	18.807	ug/l	98
90) Hexachloroethane	12.542	117	24811	19.533	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	81889	20.388	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13356	21.083	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	46072	18.964	ug/l	98
94) Hexachlorobutadiene	13.725	225	19665	18.338	ug/l	98
95) Naphthalene	13.774	128	173218	20.411	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48462	19.312	ug/l	100

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VSTDICC020

Manual Integrations
APPROVED

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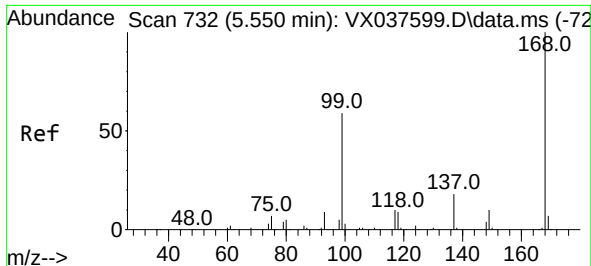
Quant Time: Sep 09 04:01:02 2023
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QLast Update : Sat Sep 09 03:56:07 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

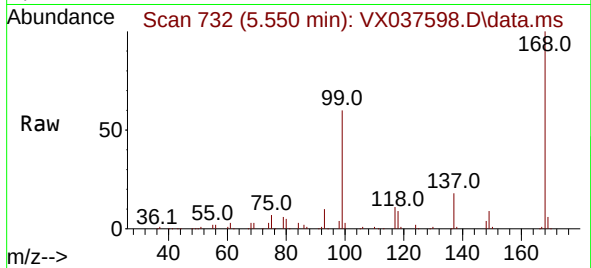
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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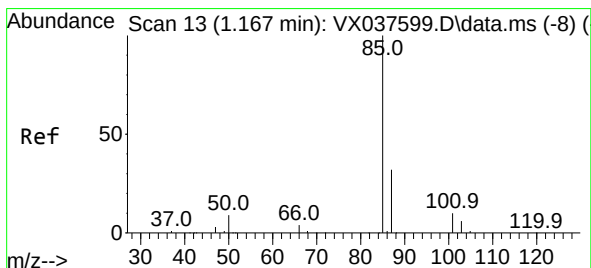
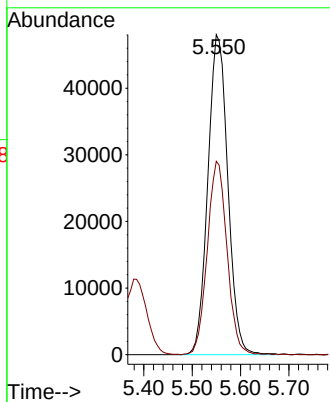
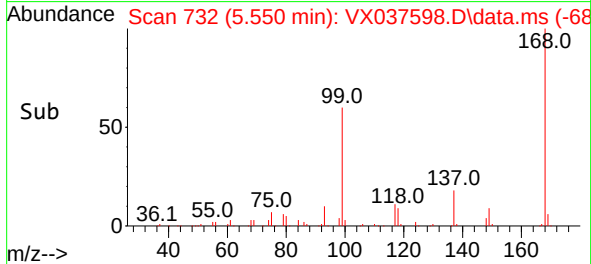
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 13768
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

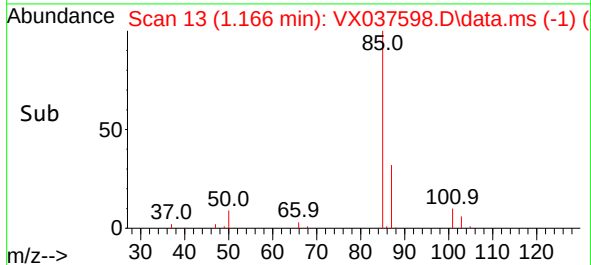
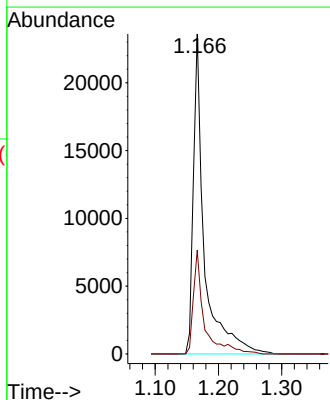
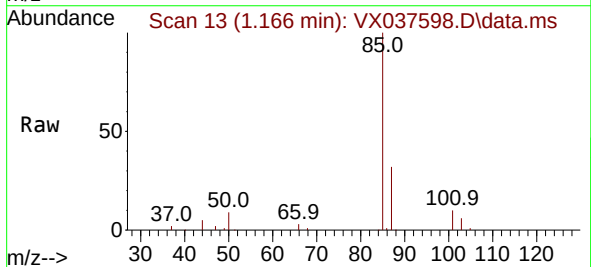
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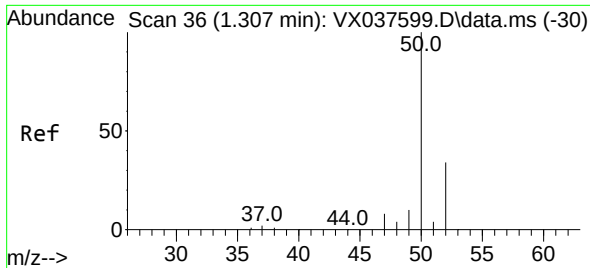
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#2
Dichlorodifluoromethane
Concen: 20.272 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 85 Resp: 28327
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





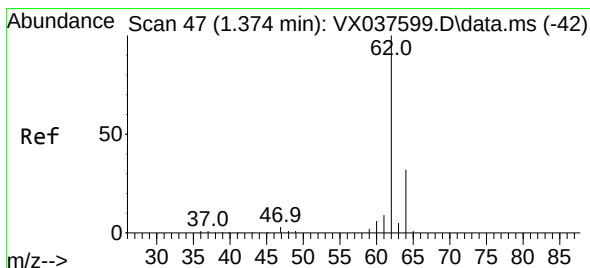
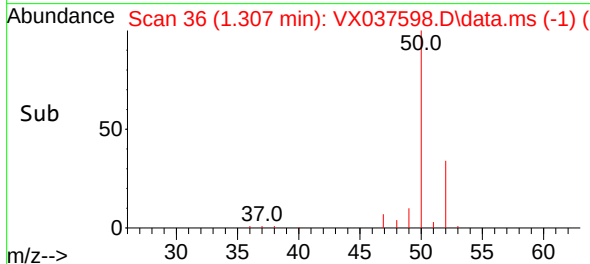
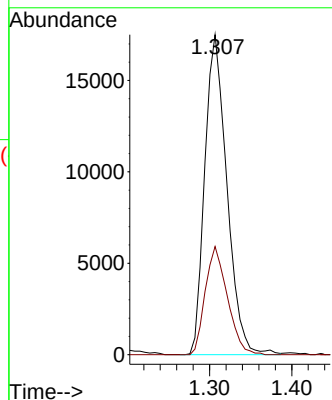
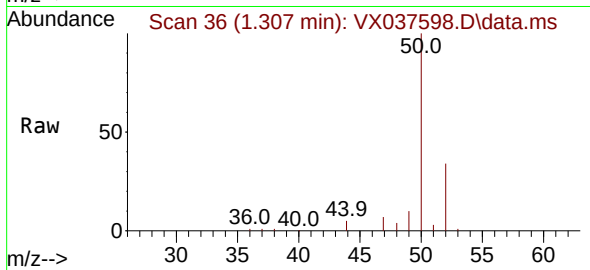
#3
Chloromethane
Concen: 20.943 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 50 Resp: 32760
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

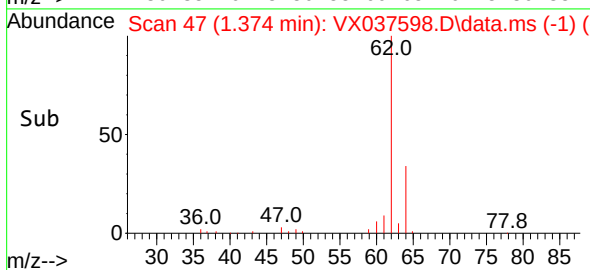
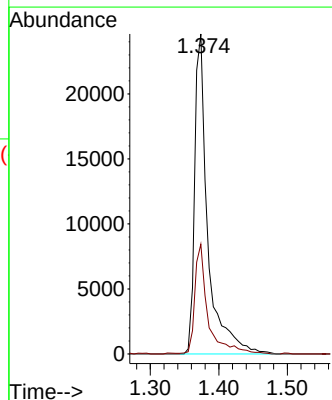
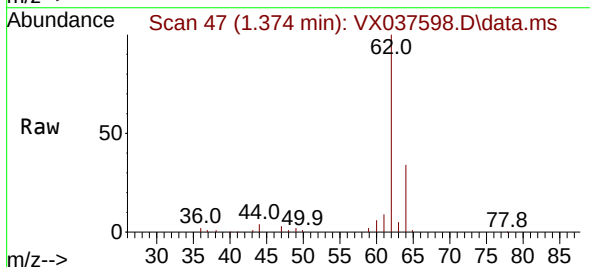
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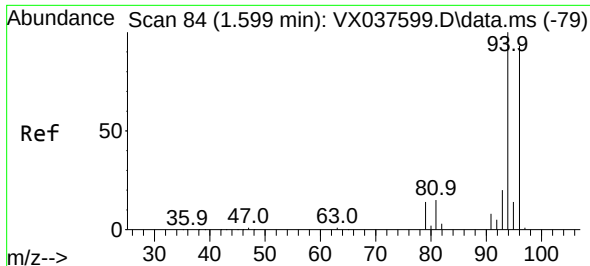
Reviewed By :John Carlone 09/09/2023
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#4
Vinyl Chloride
Concen: 20.309 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

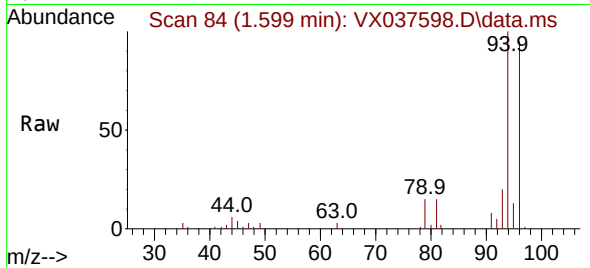
Tgt Ion: 62 Resp: 32727
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5
 Bromomethane
 Concen: 21.211 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX037598.D
 Acq: 08 Sep 2023 11:54

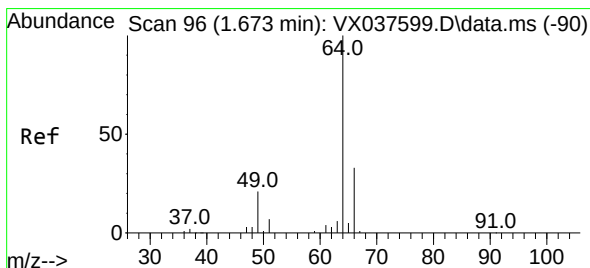
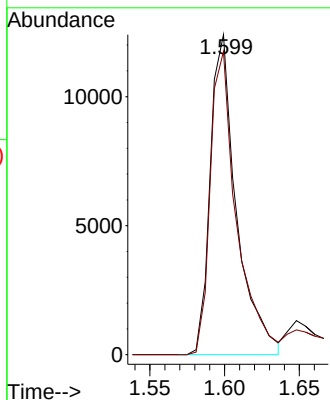
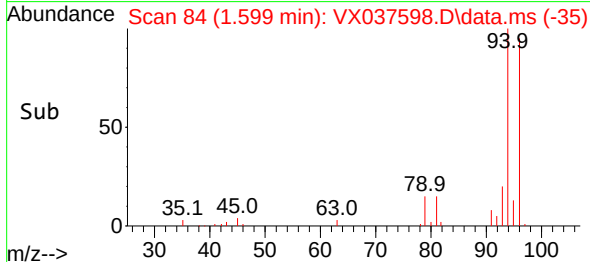
Instrument :
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Tgt Ion: 94 Resp: 15140
 Ion Ratio Lower Upper
 94 100
 96 94.8 74.6 111.8

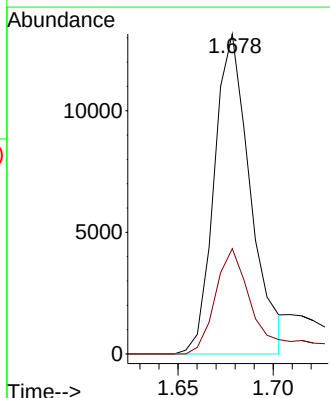
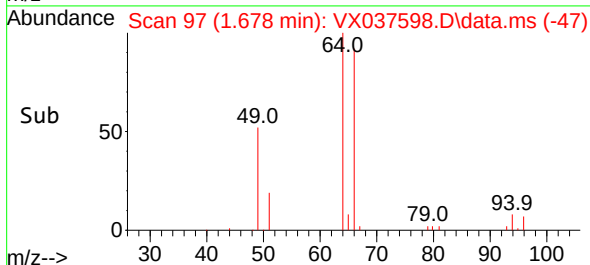
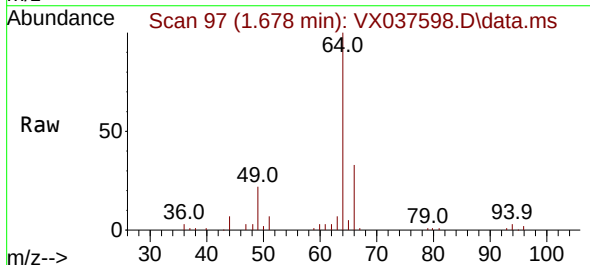
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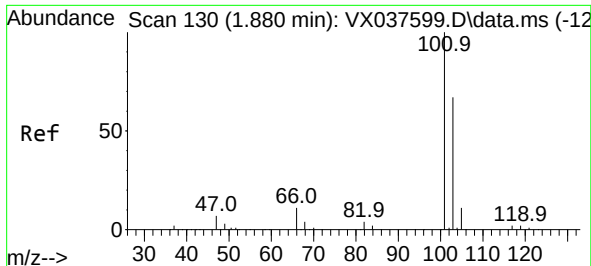
Reviewed By :John Carlone 09/09/2023
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#6
 Chloroethane
 Concen: 20.110 ug/l m
 RT: 1.678 min Scan# 97
 Delta R.T. 0.005 min
 Lab File: VX037598.D
 Acq: 08 Sep 2023 11:54

Tgt Ion: 64 Resp: 17361
 Ion Ratio Lower Upper
 64 100
 66 32.9 25.1 37.7





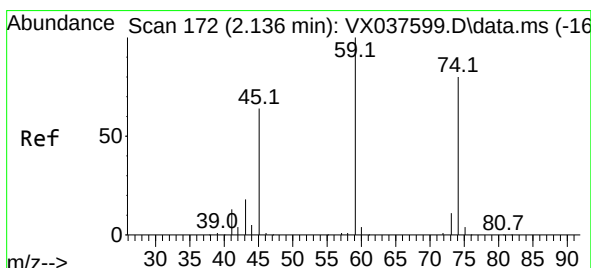
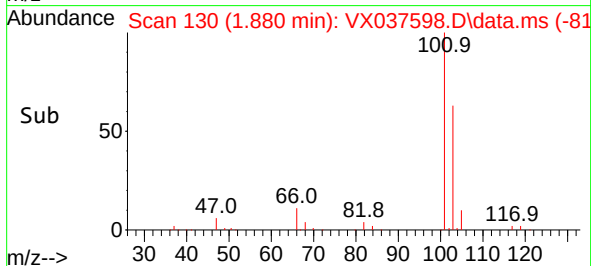
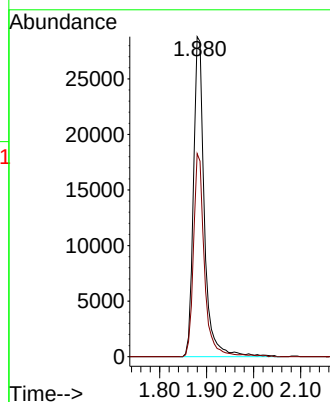
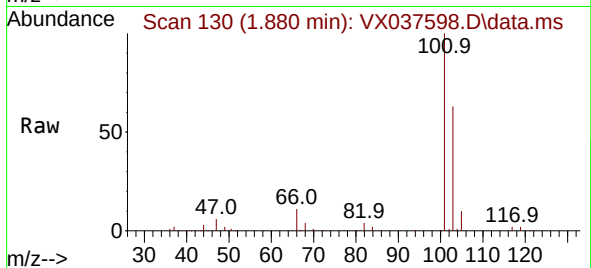
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Trichlorofluoromethane
Concen: 21.335 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 46720
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

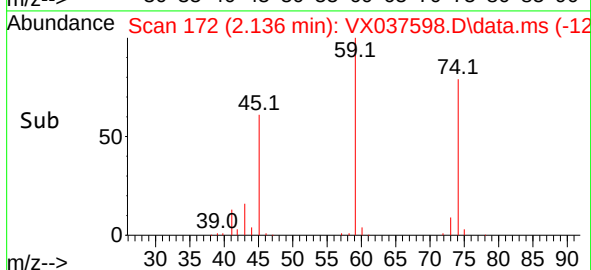
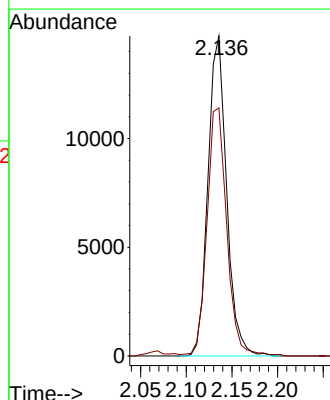
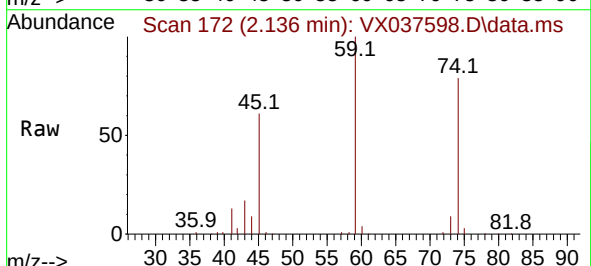
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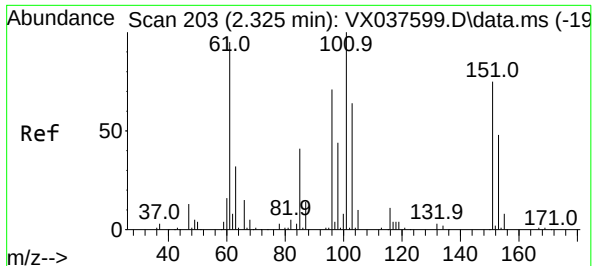
Reviewed By :John Carlone 09/09/2023
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#8
Diethyl Ether
Concen: 21.346 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 74 Resp: 20779
Ion Ratio Lower Upper
74 100
45 82.4 53.3 159.8





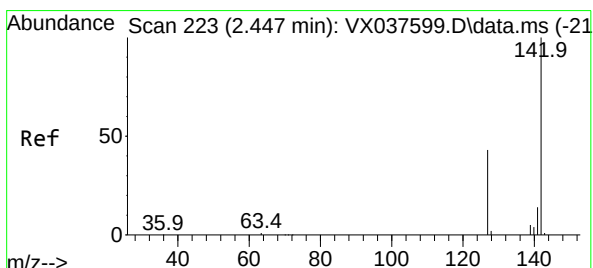
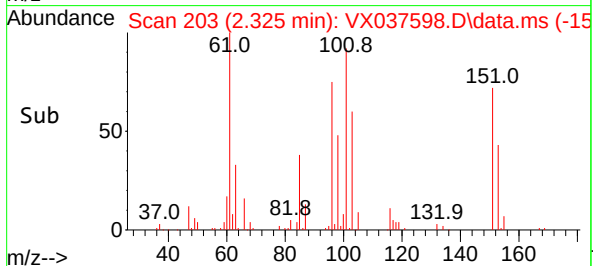
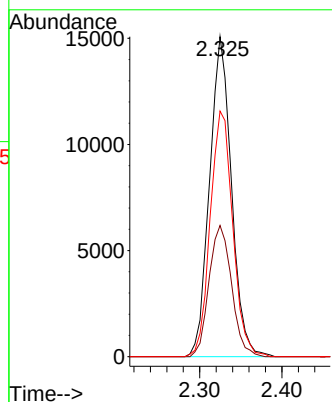
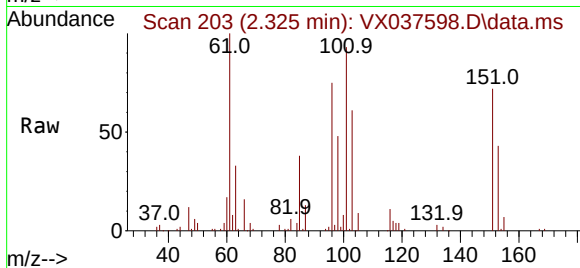
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1,1,2-Trichlorotrifluoroethane
Concen: 19.057 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 27910
Ion Ratio Lower Upper
101 100
85 42.1 37.0 55.6
151 78.9 58.6 87.8

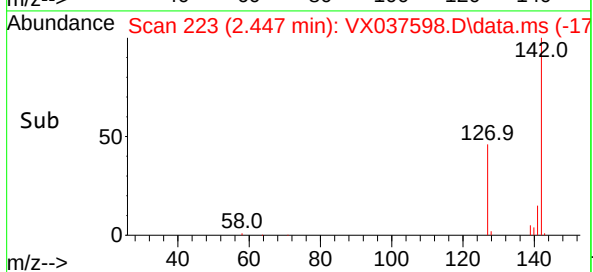
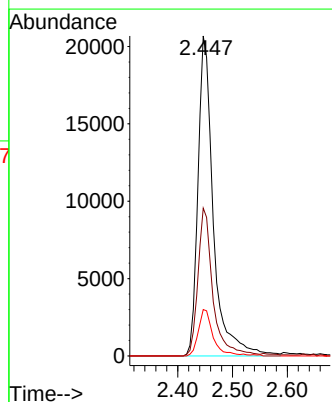
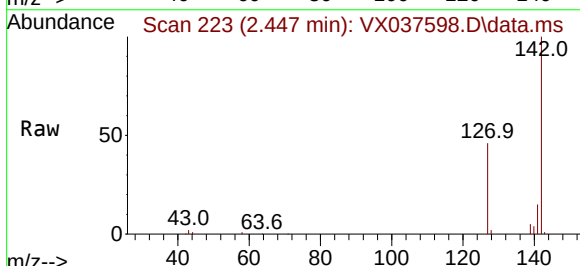
Manual Integrations
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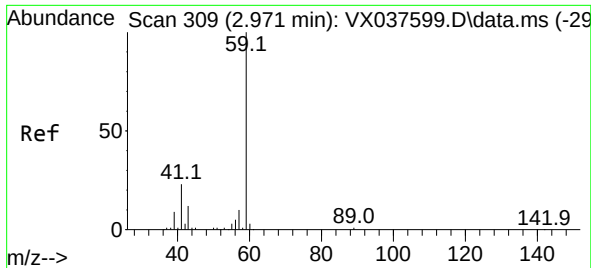
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
Methyl Iodide
Concen: 21.315 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion:142 Resp: 40496
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 13.9 11.6 17.4





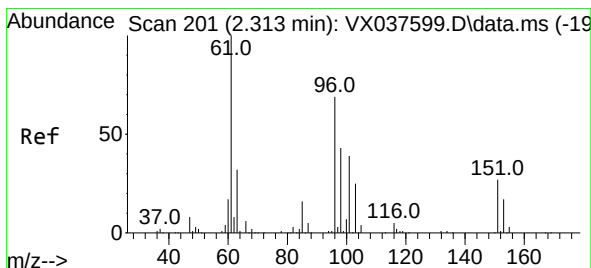
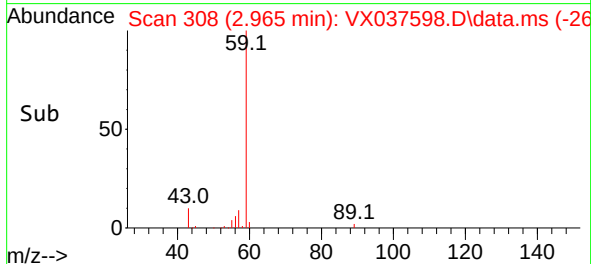
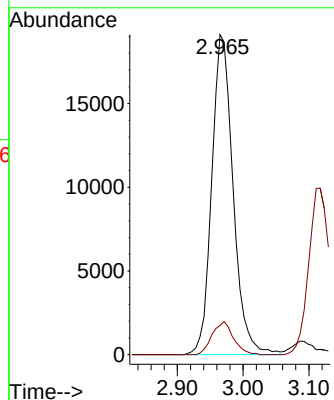
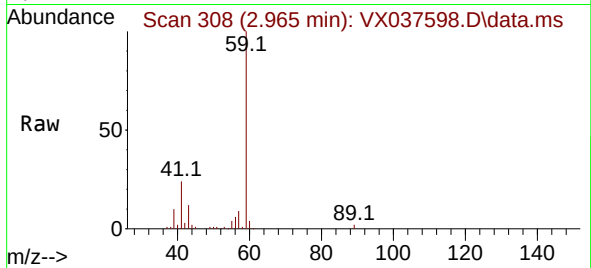
#11
Tert butyl alcohol
Concen: 104.018 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 43260
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

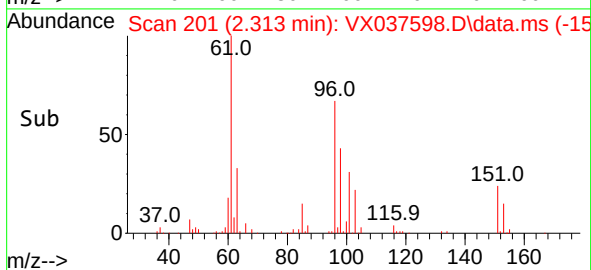
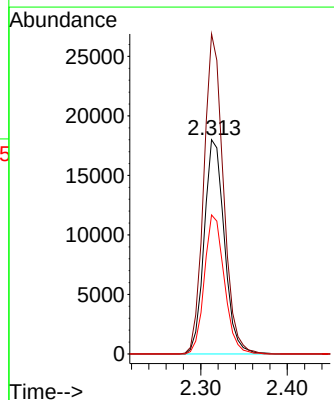
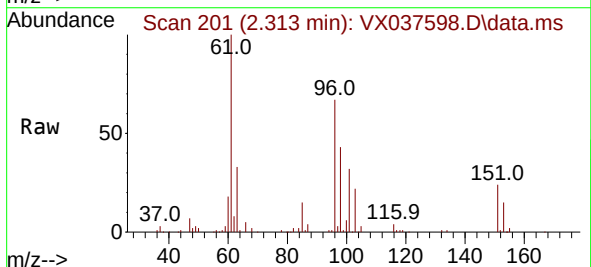
Manual Integrations
APPROVED

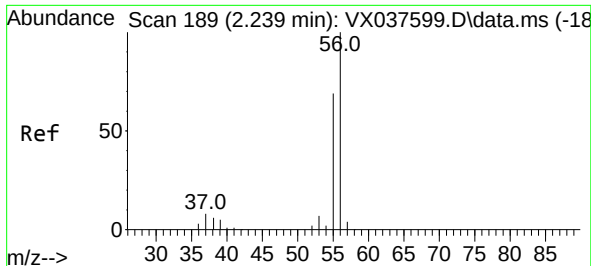
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#12
1,1-Dichloroethene
Concen: 19.694 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 96 Resp: 29118
Ion Ratio Lower Upper
96 100
61 149.3 144.6 216.8
98 64.9 50.4 75.6





#13

Acrolein

Concen: 109.121 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 44618

Ion Ratio Lower Upper

56 100

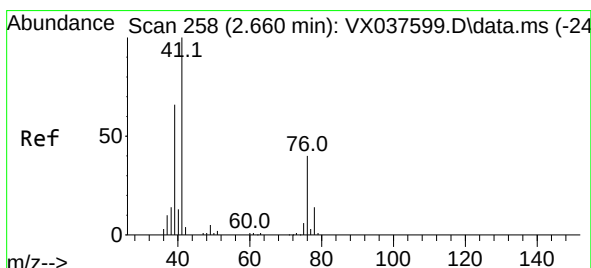
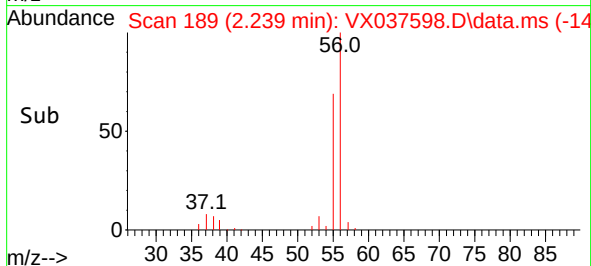
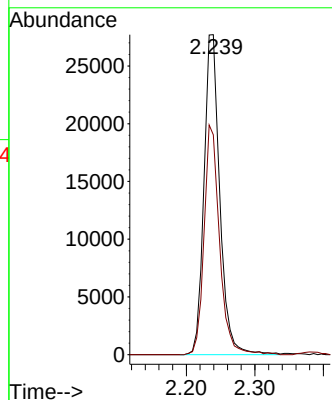
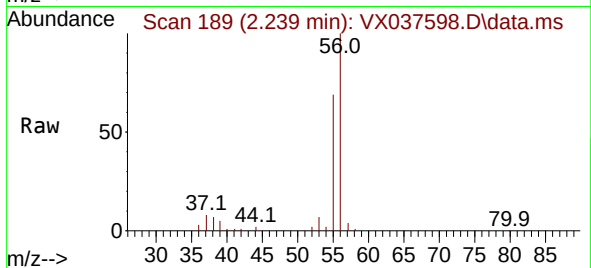
55 70.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#14

Allyl chloride

Concen: 21.193 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

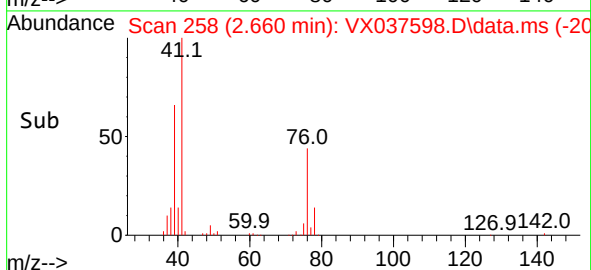
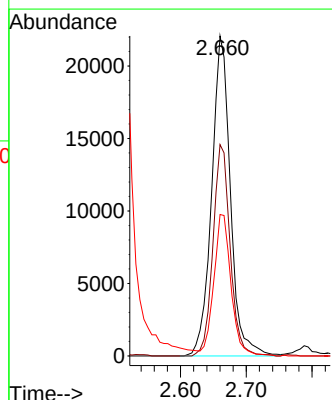
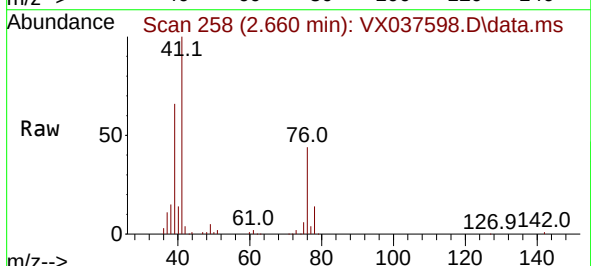
Tgt Ion: 41 Resp: 43939

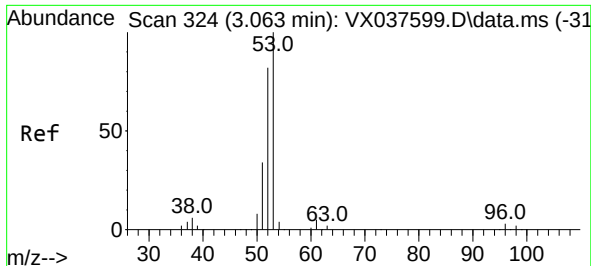
Ion Ratio Lower Upper

41 100

39 60.4 55.8 83.6

76 40.5 24.3 36.5





#15

Acrylonitrile

Concen: 107.646 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

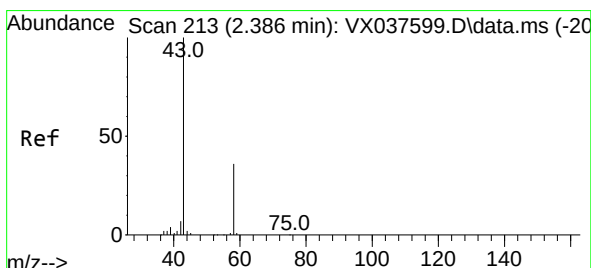
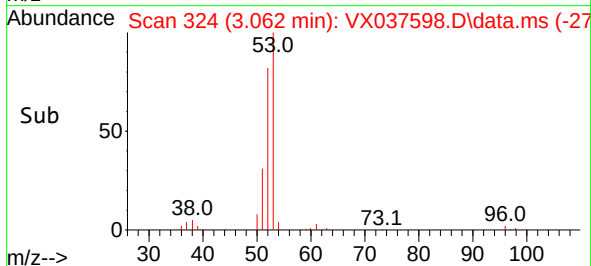
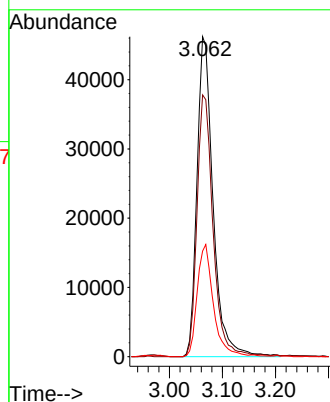
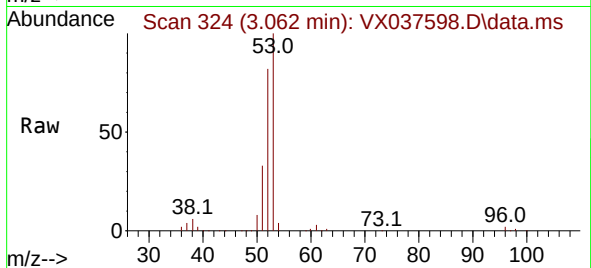
Tgt Ion: 53	Resp: 9760
Ion Ratio	Lower Upper
53 100	
52 81.5	66.0 99.0
51 35.5	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#16

Acetone

Concen: 102.966 ug/l

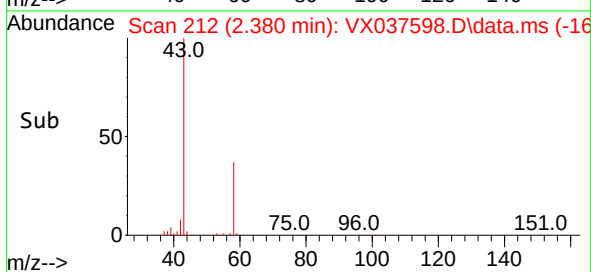
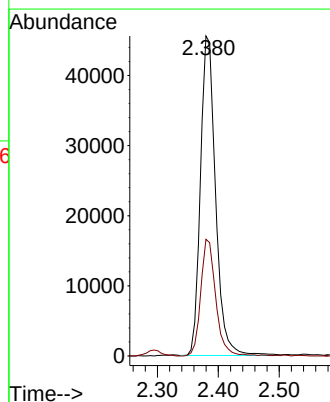
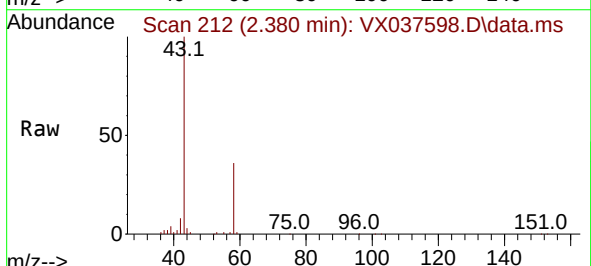
RT: 2.380 min Scan# 212

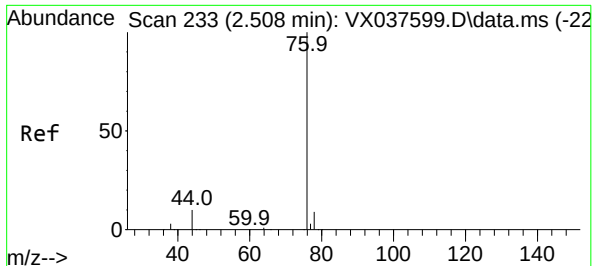
Delta R.T. -0.006 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Tgt Ion: 43	Resp: 78698
Ion Ratio	Lower Upper
43 100	
58 36.5	21.9 32.9





#17

Carbon Disulfide

Concen: 18.450 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 6832

Ion Ratio Lower Upper

76 100

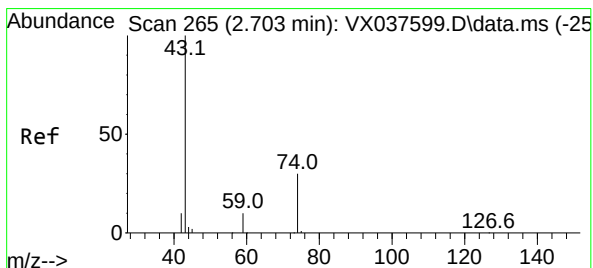
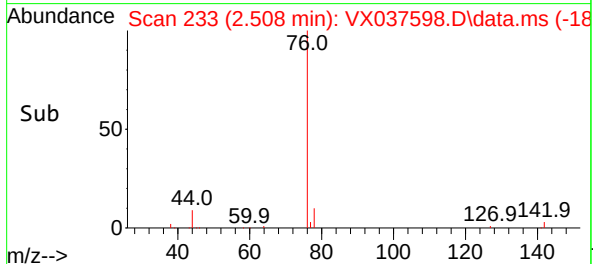
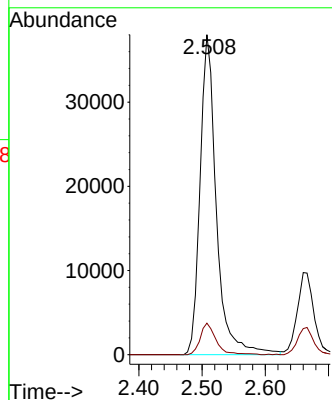
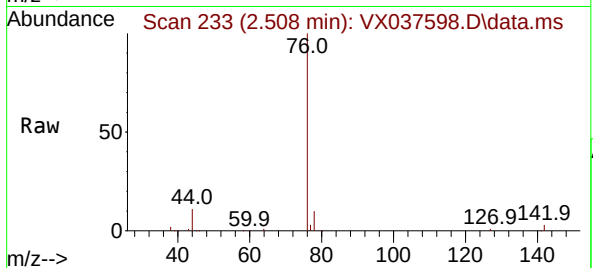
78 9.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#18

Methyl Acetate

Concen: 21.665 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037598.D

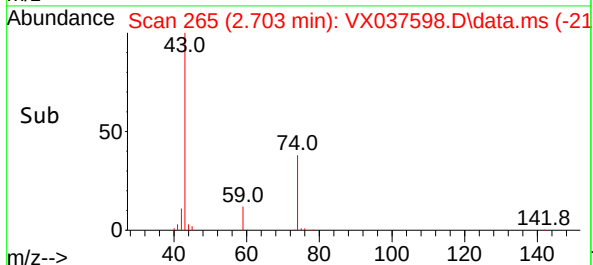
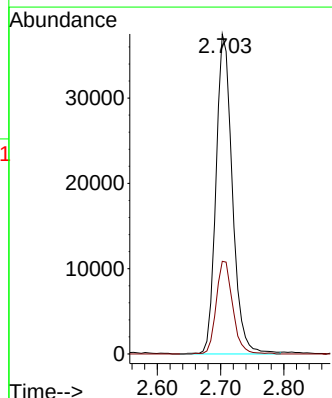
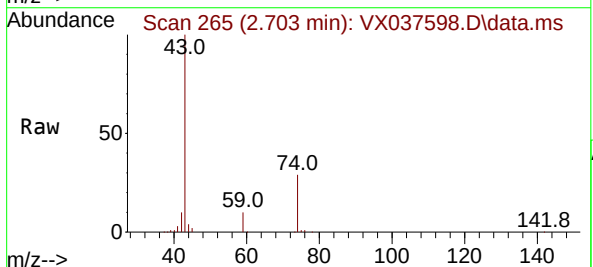
Acq: 08 Sep 2023 11:54

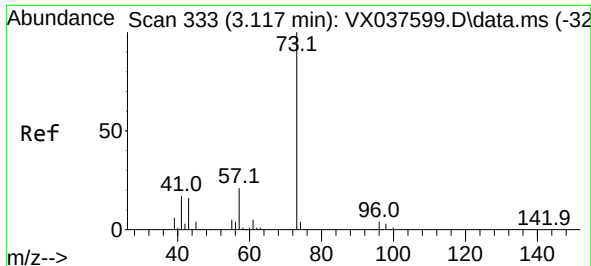
Tgt Ion: 43 Resp: 67182

Ion Ratio Lower Upper

43 100

74 29.2 17.8 26.8#





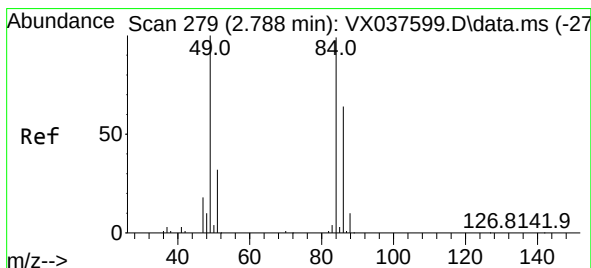
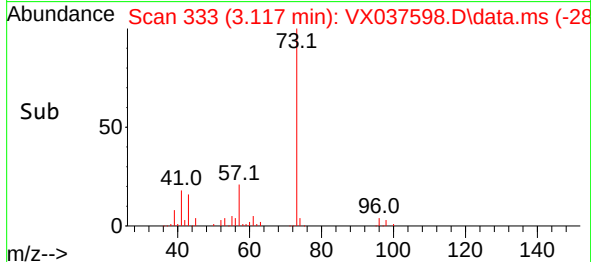
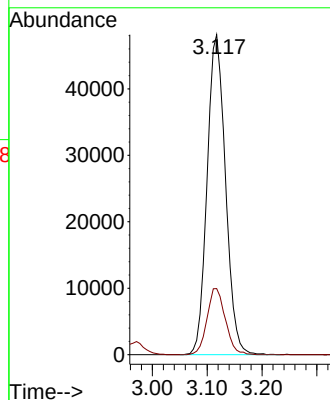
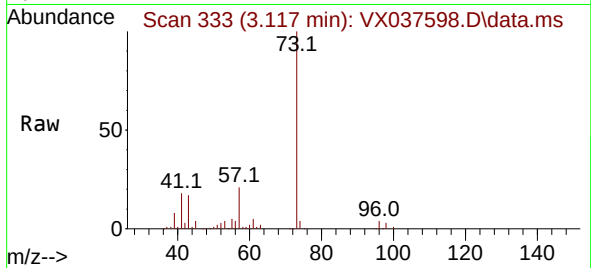
#19
Methyl tert-butyl Ether
Concen: 21.328 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 11180
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

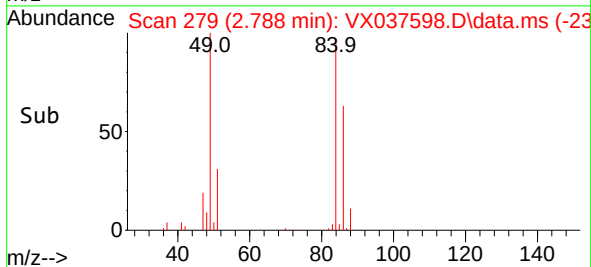
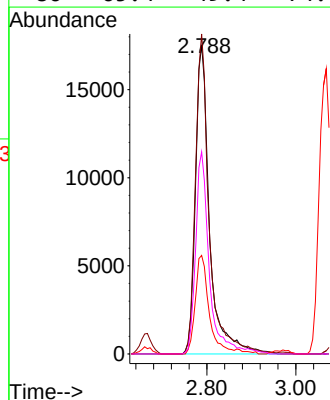
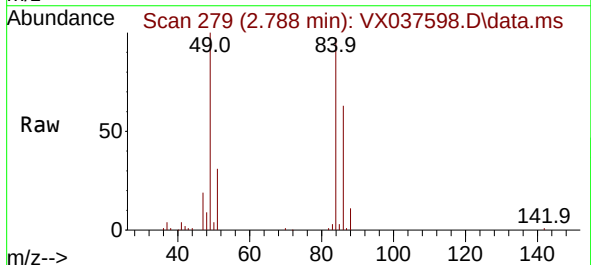
Manual Integrations
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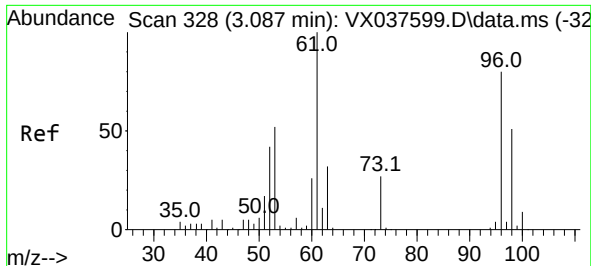
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 21.341 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

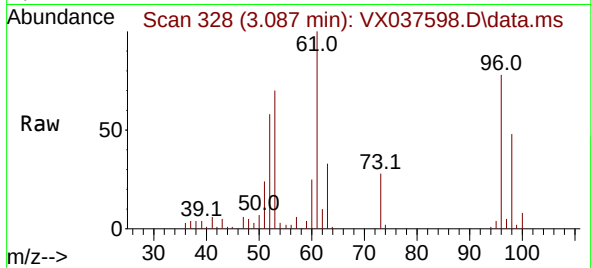
Tgt Ion: 84 Resp: 38645
Ion Ratio Lower Upper
84 100
49 103.6 103.6 155.4
51 31.9 33.8 50.6#
86 65.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.181 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

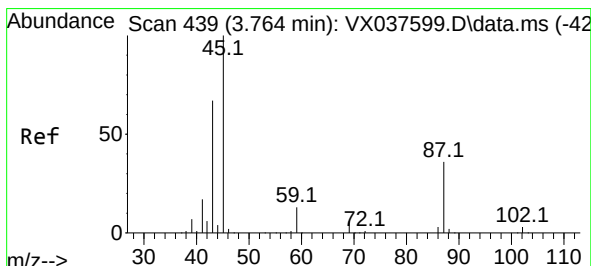
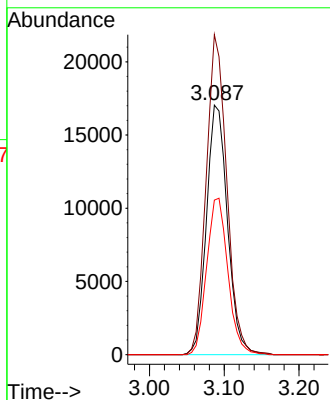
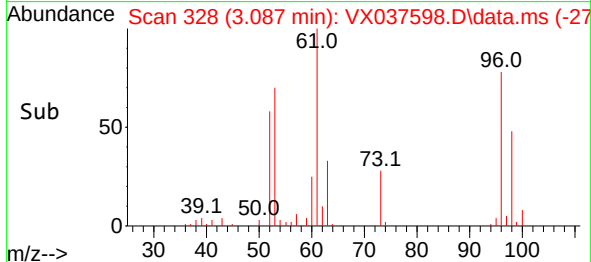
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



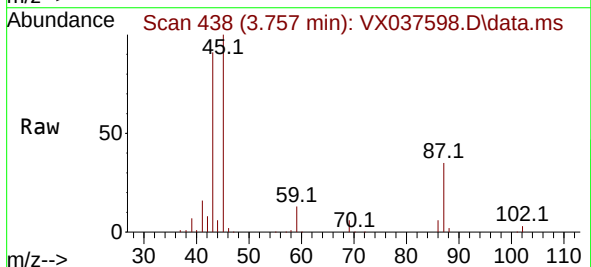
Tgt Ion: 96 Resp: 3333
Ion Ratio Lower Upper
96 100
61 128.2 119.2 178.8
98 61.9 48.7 73.1

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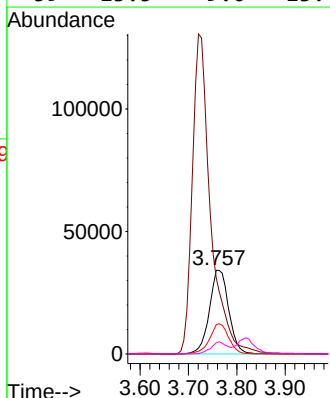
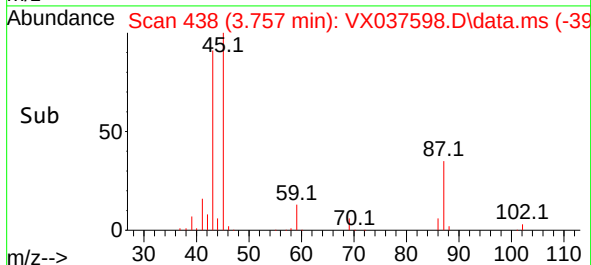
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

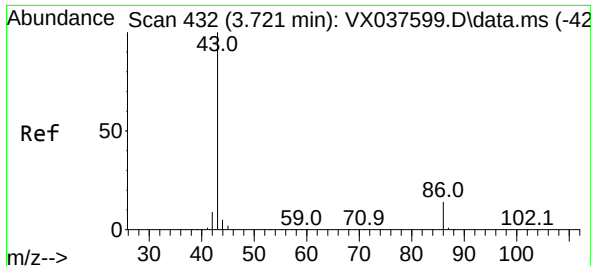


#22
Diisopropyl ether
Concen: 21.657 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54



Tgt Ion: 45 Resp: 95084
Ion Ratio Lower Upper
45 100
43 90.1 69.7 104.5
87 35.1 20.8 31.2#
59 13.5 9.0 13.4#





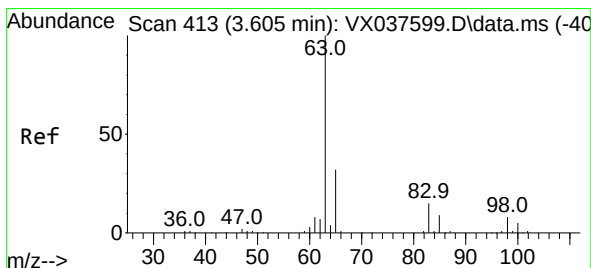
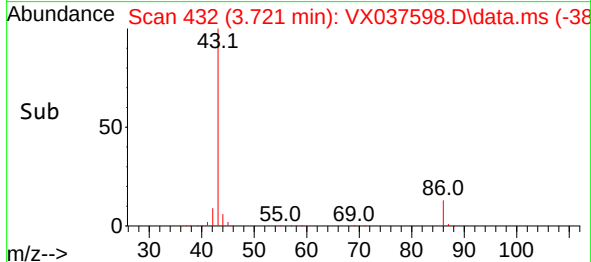
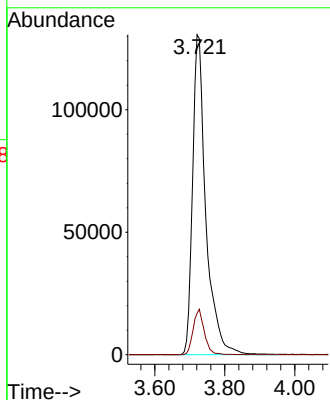
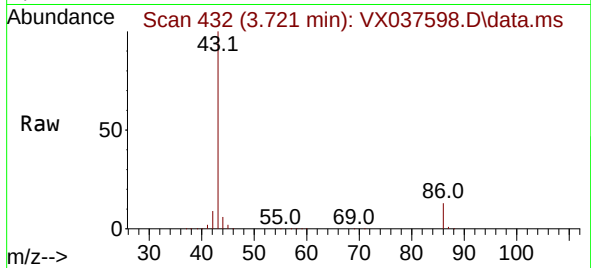
#23
 Vinyl Acetate
 Concen: 109.926 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037598.D
 Acq: 08 Sep 2023 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 34453
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.8 11.8

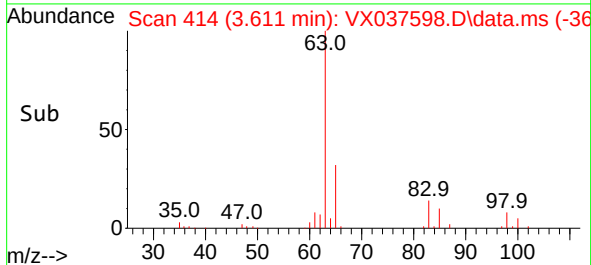
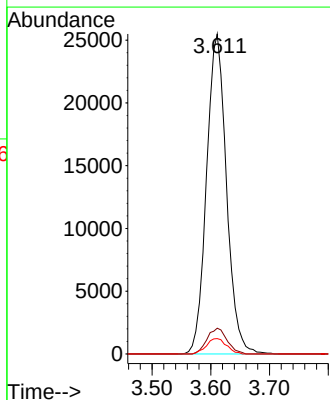
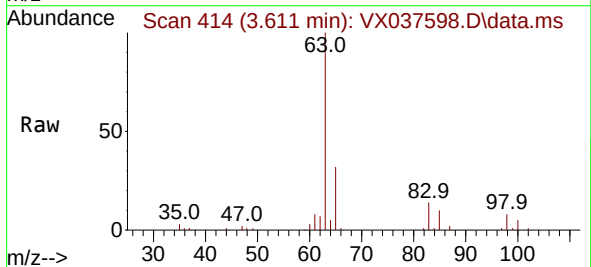
Manual Integrations
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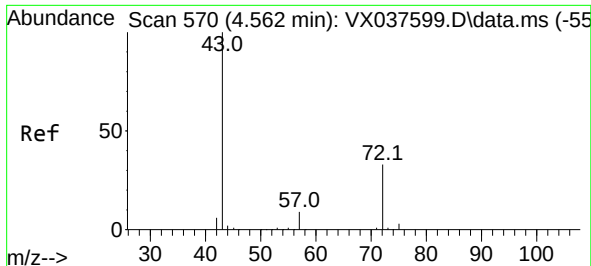
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#24
 1,1-Dichloroethane
 Concen: 21.027 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037598.D
 Acq: 08 Sep 2023 11:54

Tgt Ion: 63 Resp: 60159
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 106.294 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 12321

Ion Ratio Lower Upper

43 100

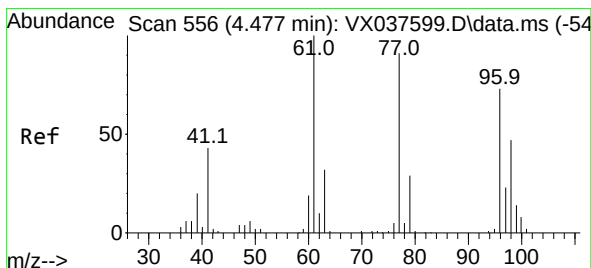
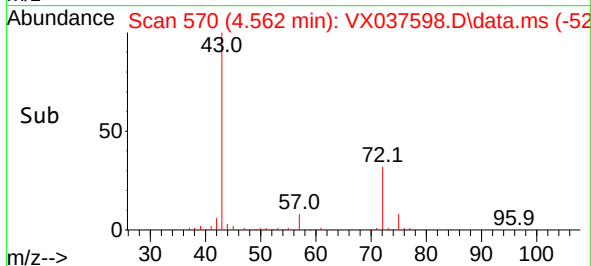
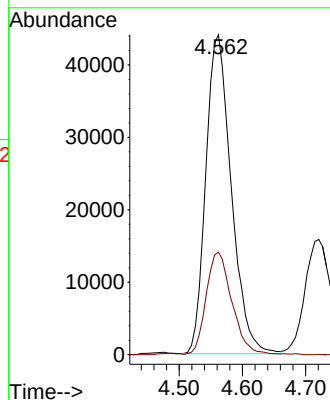
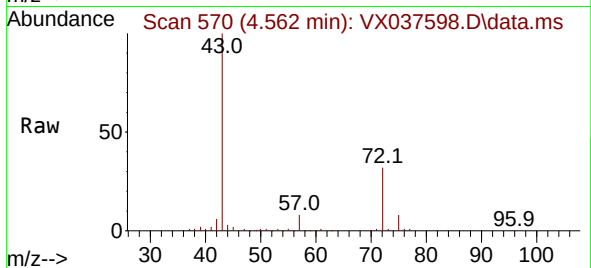
72 32.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#26

2,2-Dichloropropane

Concen: 20.583 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037598.D

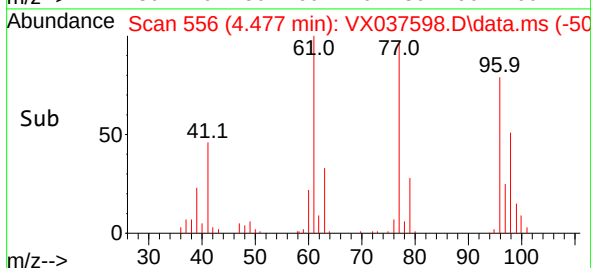
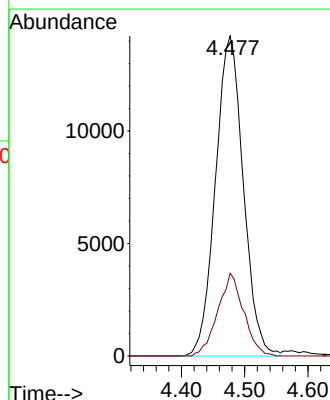
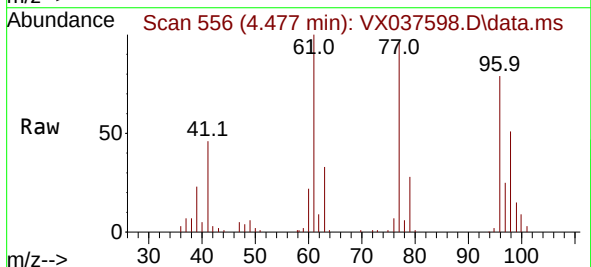
Acq: 08 Sep 2023 11:54

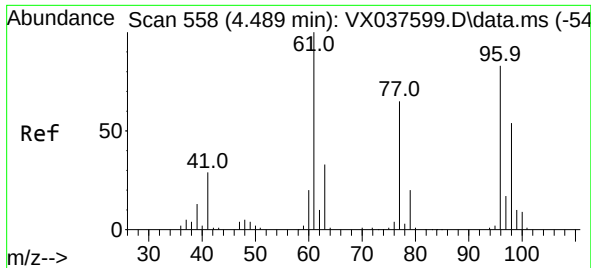
Tgt Ion: 77 Resp: 43413

Ion Ratio Lower Upper

77 100

97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.773 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 4088

Ion Ratio Lower Upper

96 100

61 128.7 0.0 312.2

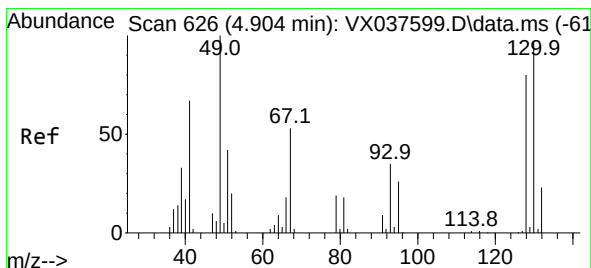
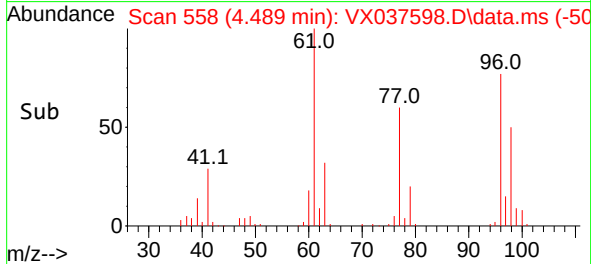
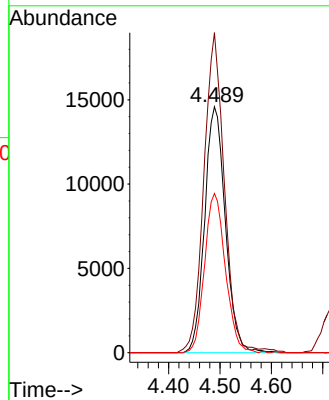
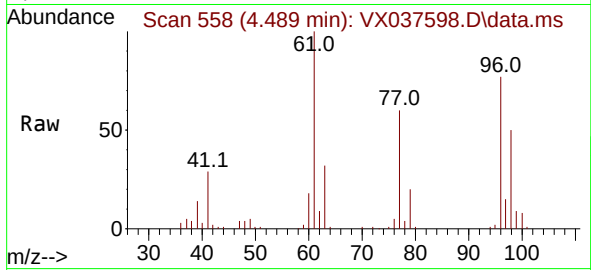
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#28

Bromochloromethane

Concen: 22.599 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

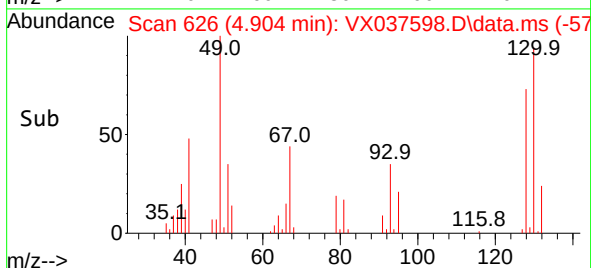
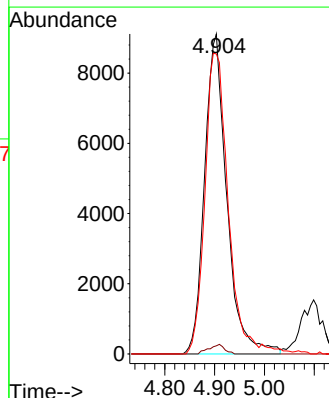
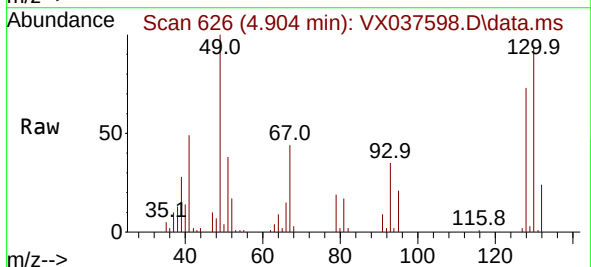
Tgt Ion: 49 Resp: 28223

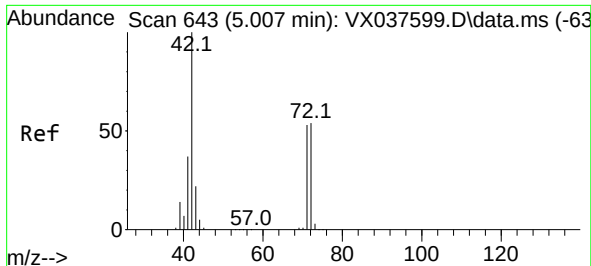
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 96.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 108.594 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

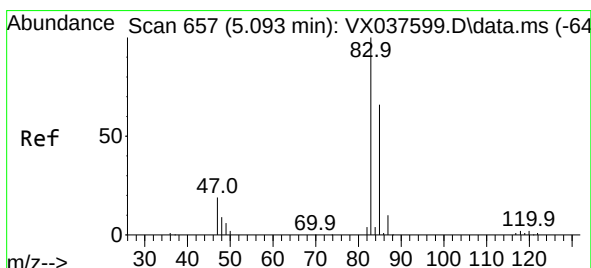
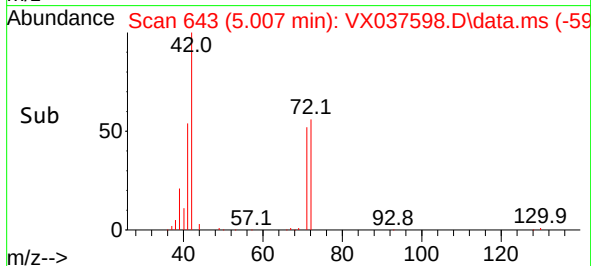
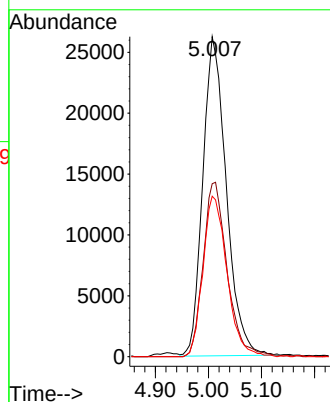
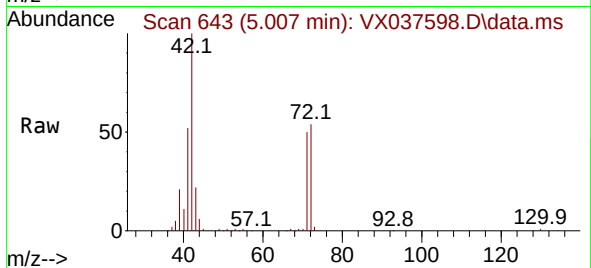
Tgt Ion:	42	Resp:	8064
Ion	Ratio	Lower	Upper
42	100		
72	55.8	34.2	51.4
71	51.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#30

Chloroform

Concen: 21.355 ug/l

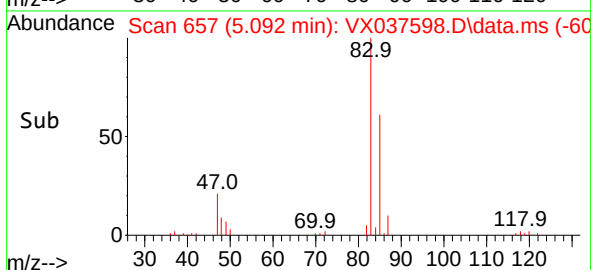
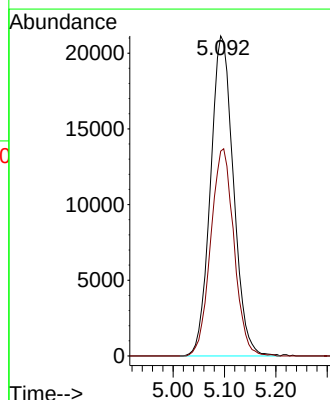
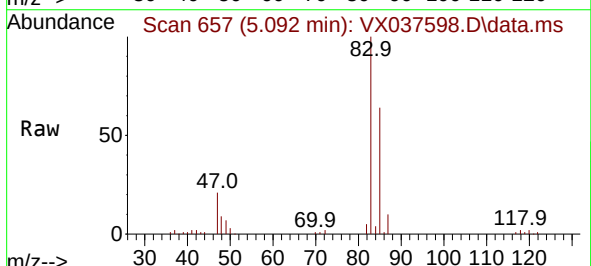
RT: 5.092 min Scan# 657

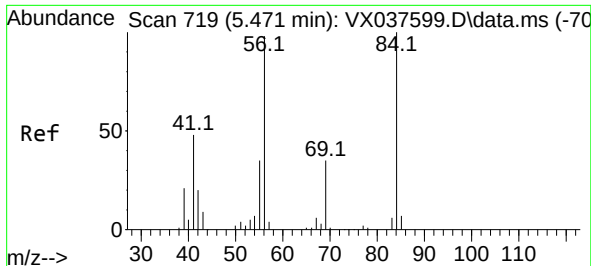
Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

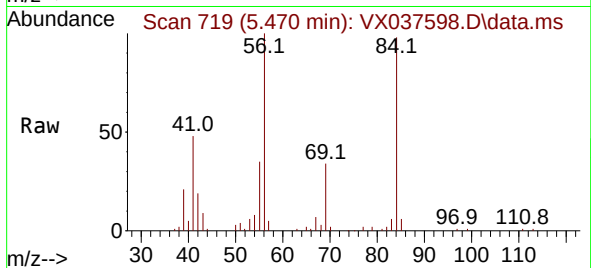
Tgt Ion:	83	Resp:	6555
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5





#31
Cyclohexane
Concen: 19.647 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

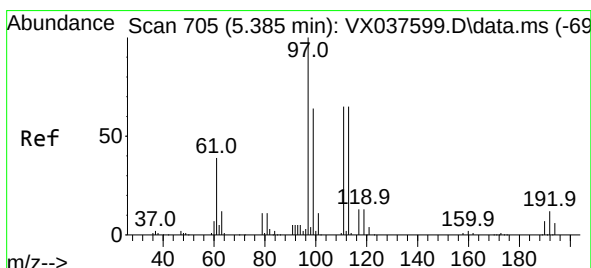
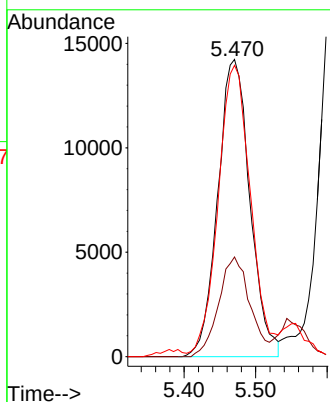
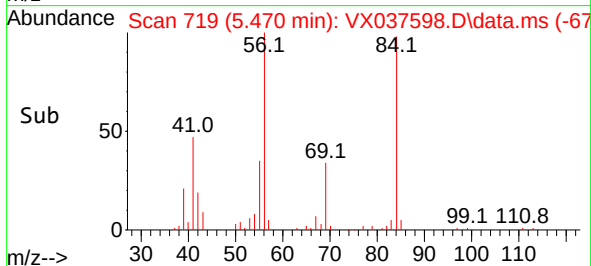
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 44430
Ion Ratio Lower Upper
56 100
69 33.5 23.4 35.2
84 95.6 65.9 98.9

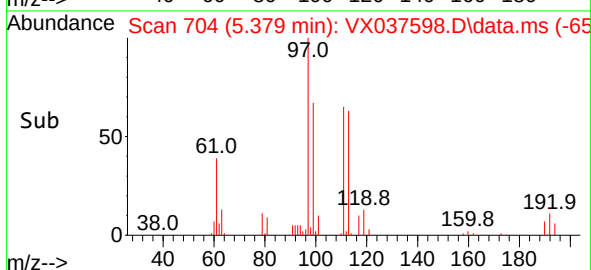
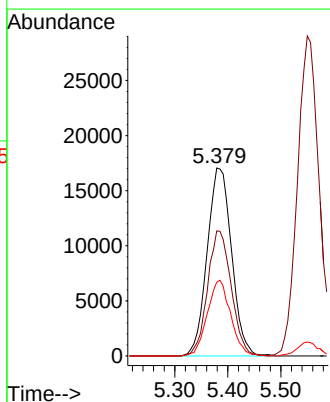
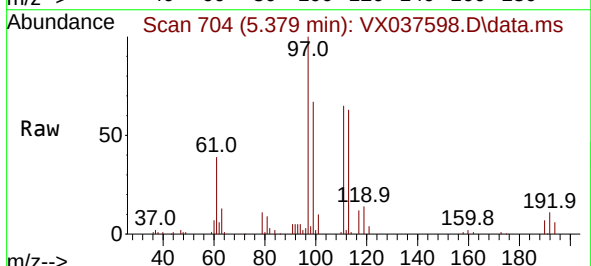
Manual Integrations
APPROVED

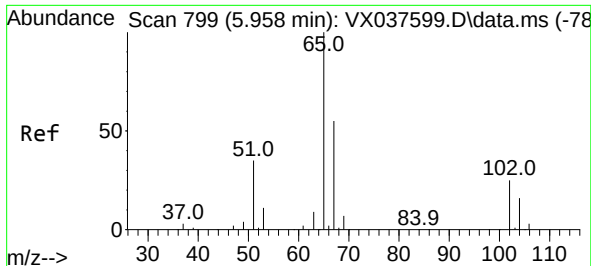
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#32
1,1,1-Trichloroethane
Concen: 20.682 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 97 Resp: 54682
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 38.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 21.279 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 39549

Ion Ratio Lower Upper

65 100

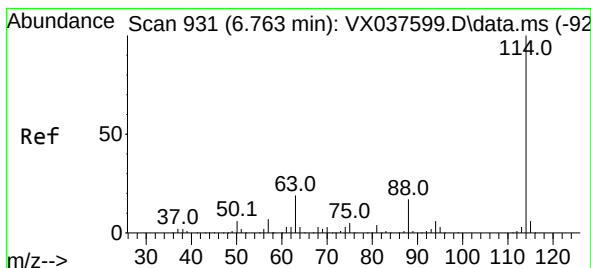
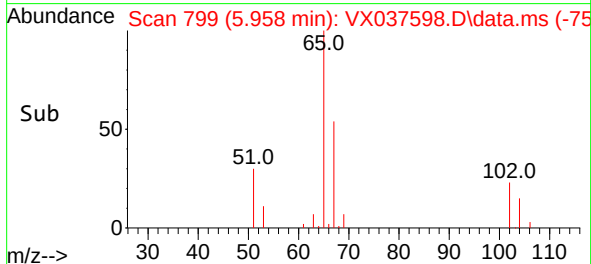
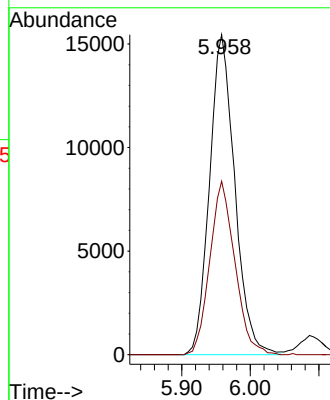
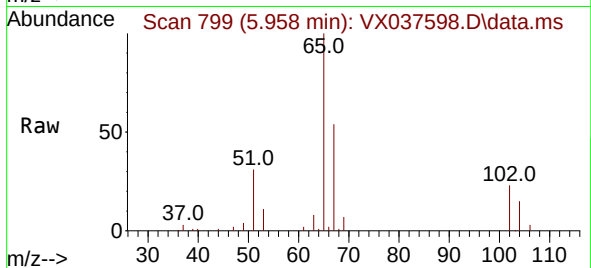
67 53.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

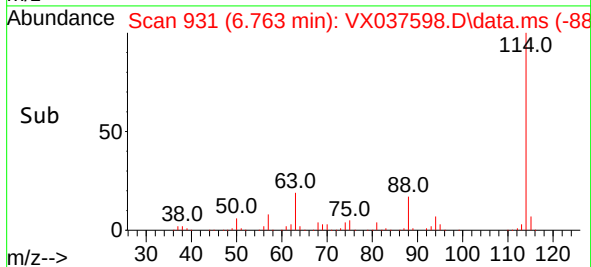
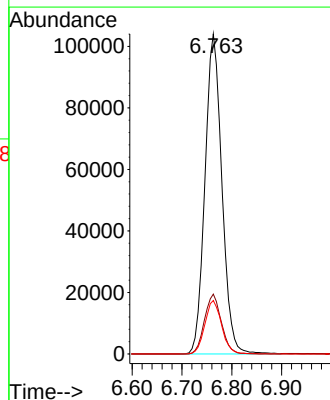
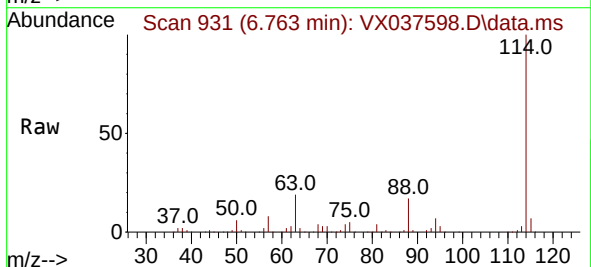
Tgt Ion:114 Resp: 245551

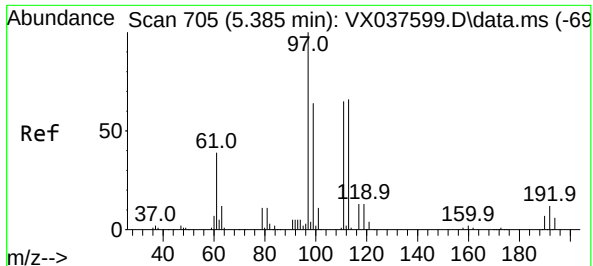
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

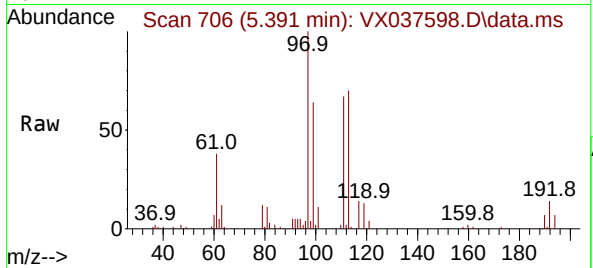
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 19.968 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

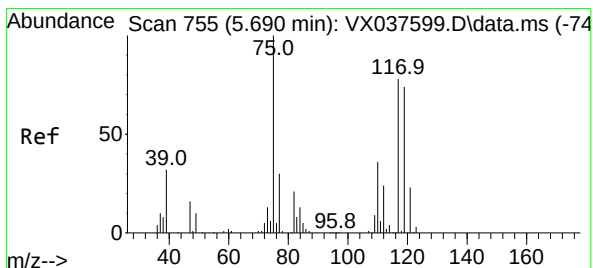
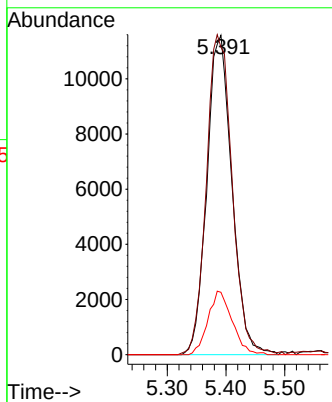
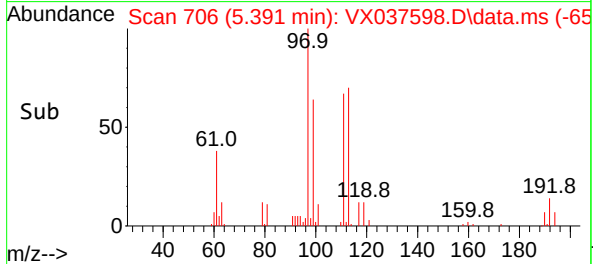
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 3429
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.2 13.3 19.9

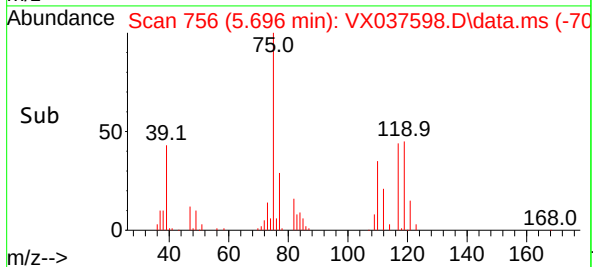
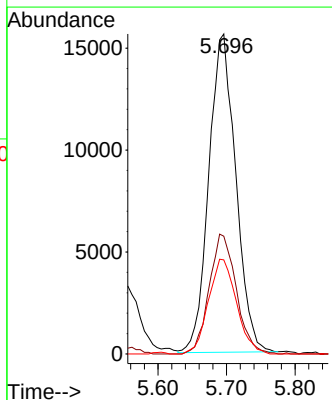
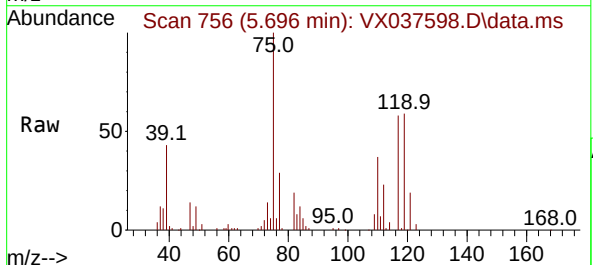
Manual Integrations
APPROVED

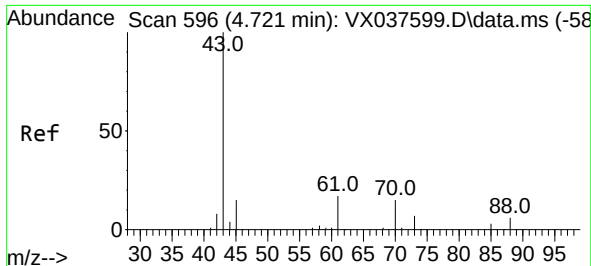
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
1,1-Dichloropropene
Concen: 18.817 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

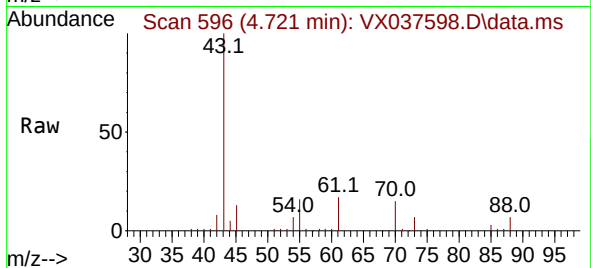
Tgt Ion: 75 Resp: 42696
Ion Ratio Lower Upper
75 100
110 37.8 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 20.419 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

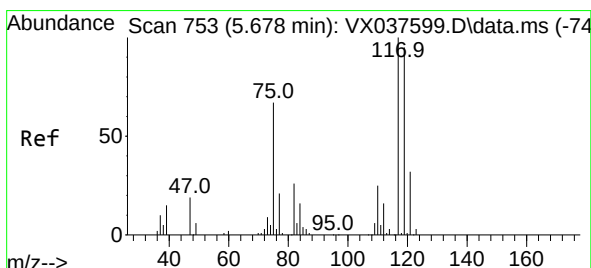
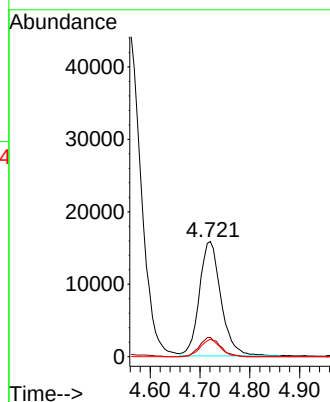
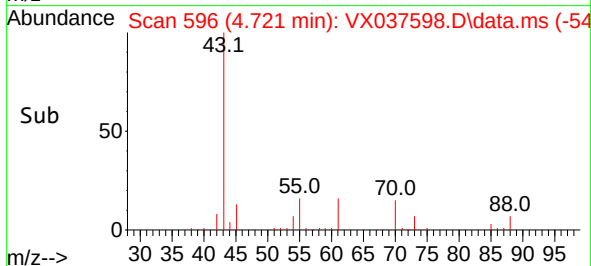
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 47502
Ion Ratio Lower Upper
43 100
61 16.4 10.6 16.0
70 14.0 8.3 12.5

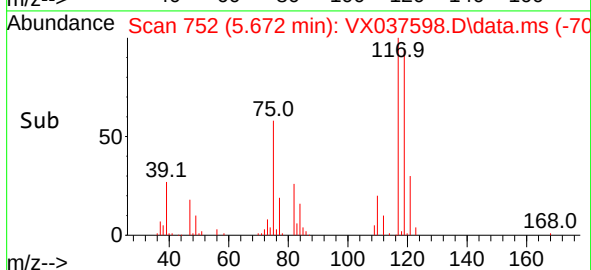
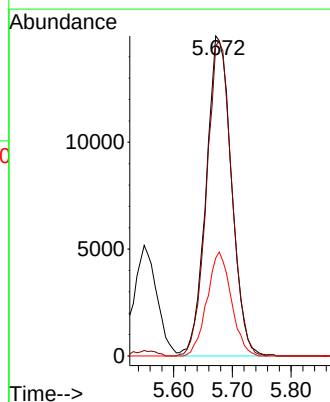
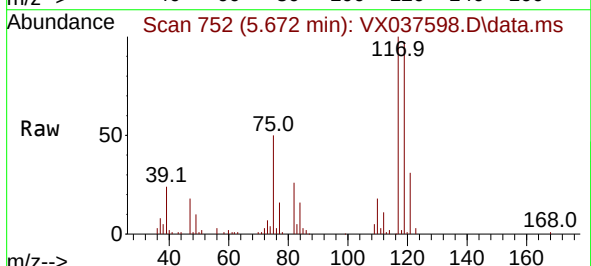
Manual Integrations
APPROVED

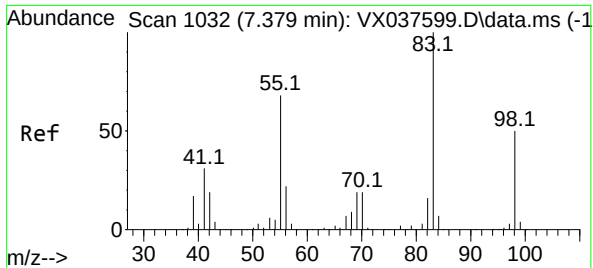
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#38
Carbon Tetrachloride
Concen: 19.105 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion:117 Resp: 44801
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 30.6 24.4 36.6





#39
Methylcyclohexane
Concen: 18.217 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

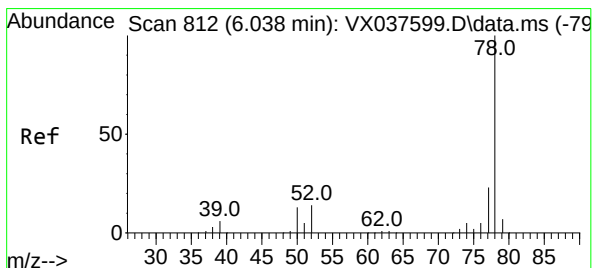
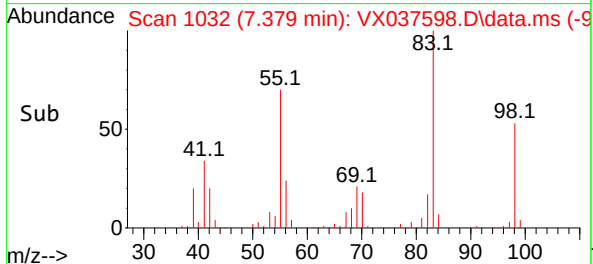
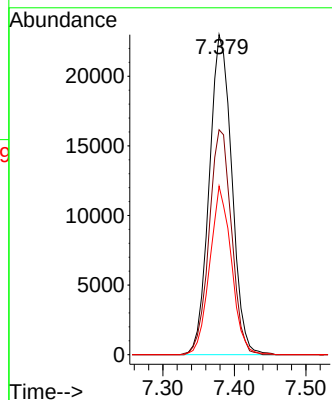
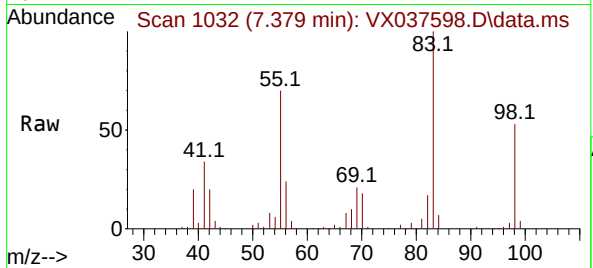
Tgt Ion: 83 Resp: 50400
Ion Ratio Lower Upper
83 100
55 70.3 64.6 97.0
98 52.6 36.7 55.1

Manual Integrations

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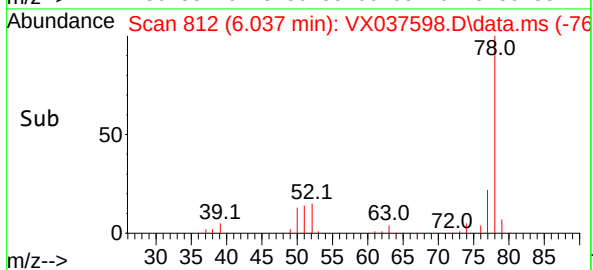
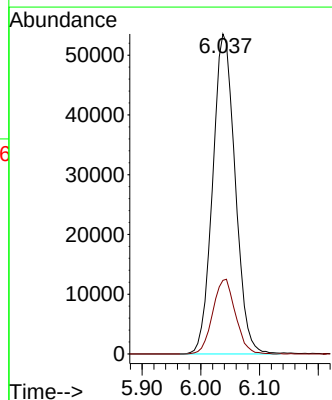
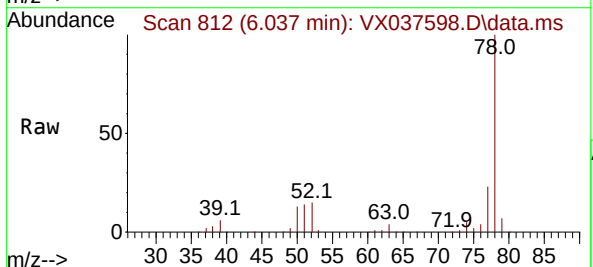
Reviewed By :John Carlone 09/09/2023

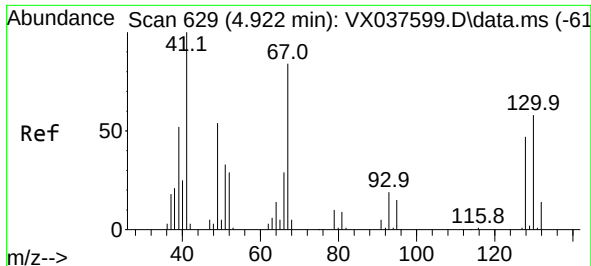
Supervised By :Mahesh Dadoda 09/11/2023



#40
Benzene
Concen: 20.418 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 78 Resp: 142544
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





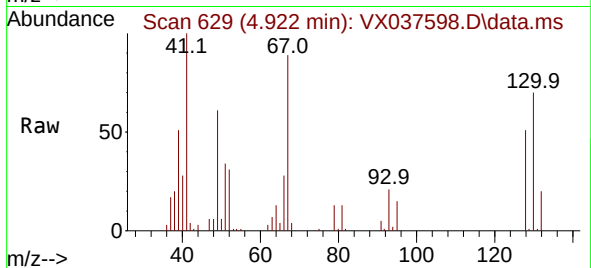
#41
Methacrylonitrile
Concen: 20.799 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



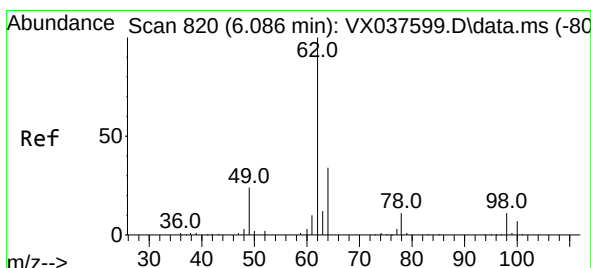
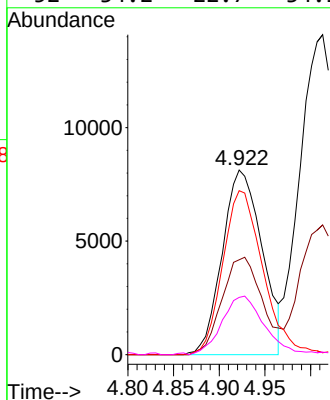
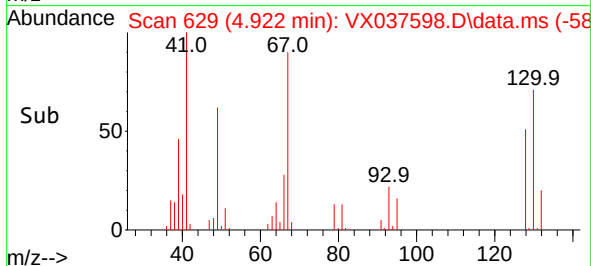
Tgt Ion: 41 Resp: 24649
Ion Ratio Lower Upper
41 100
39 54.5 45.2 67.8
67 90.5 52.6 78.8
52 34.2 22.7 34.1#

Manual Integrations

APPROVED

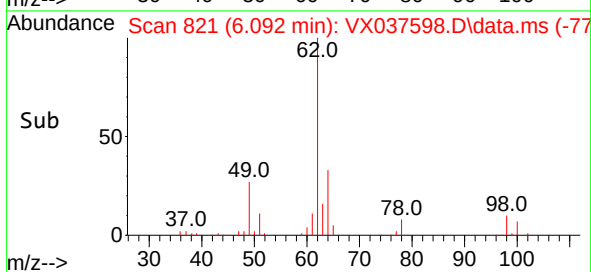
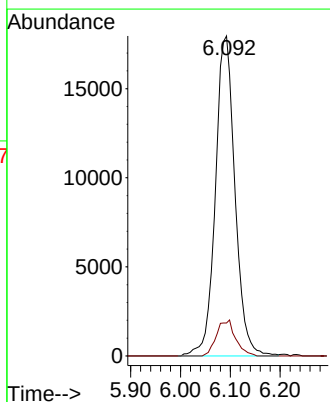
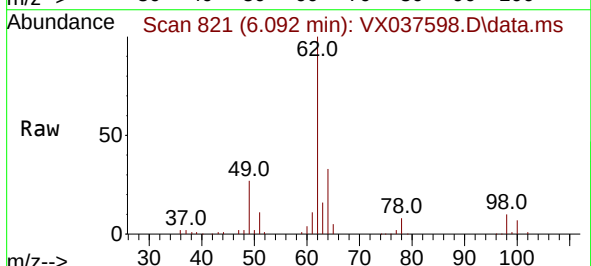
Reviewed By :John Carlone 09/09/2023

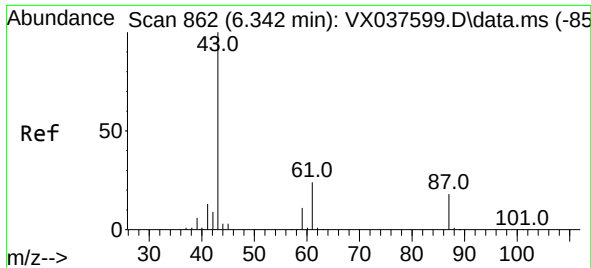
Supervised By :Mahesh Dadoda 09/11/2023



#42
1,2-Dichloroethane
Concen: 20.979 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 62 Resp: 49043
Ion Ratio Lower Upper
62 100
98 10.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.788 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

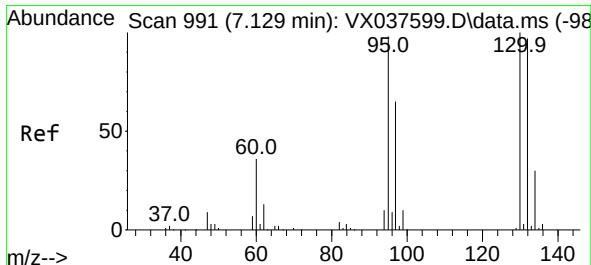
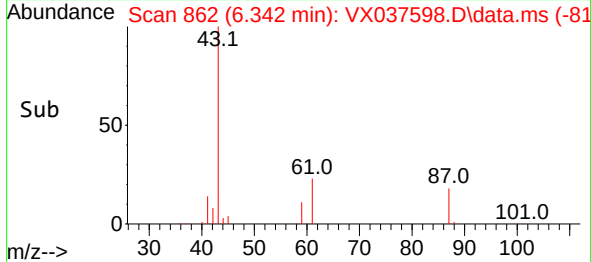
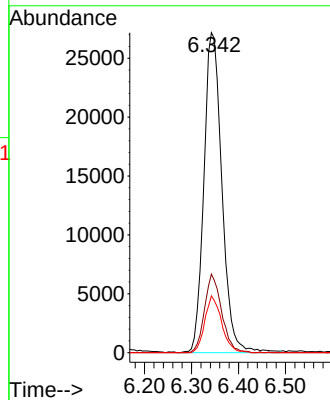
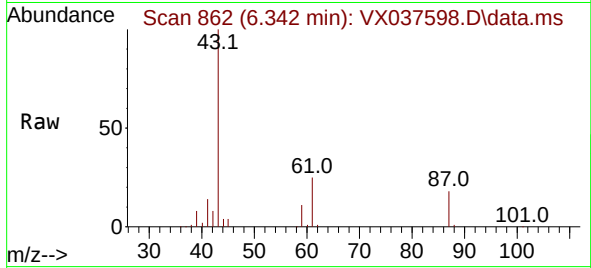
Tgt Ion: 43	Resp: 72434
Ion Ratio	Lower Upper
43 100	
61 23.3	15.2 22.8
87 16.5	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Trichloroethene

Concen: 19.542 ug/l

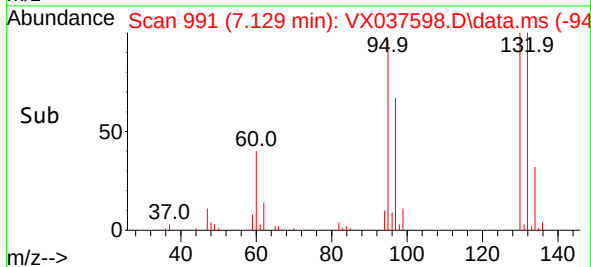
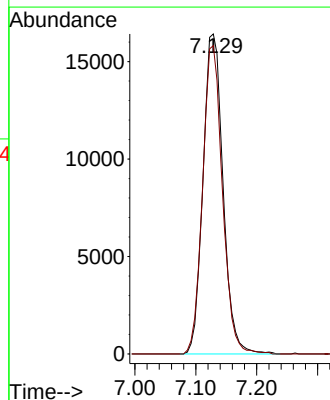
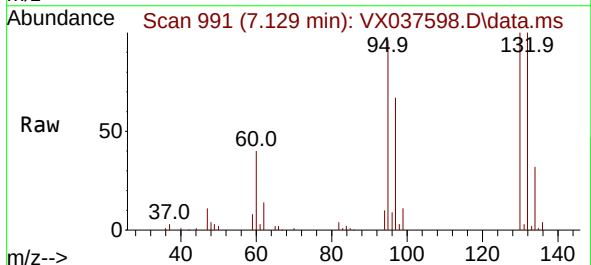
RT: 7.129 min Scan# 991

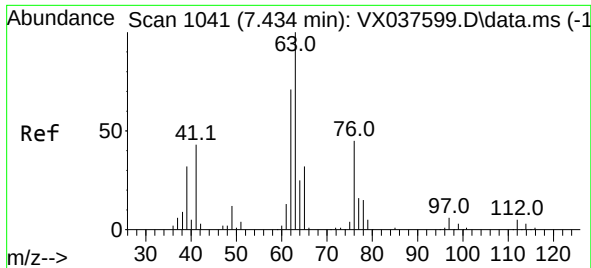
Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Tgt Ion:130	Resp: 37476
Ion Ratio	Lower Upper
130 100	
95 96.4	0.0 204.4





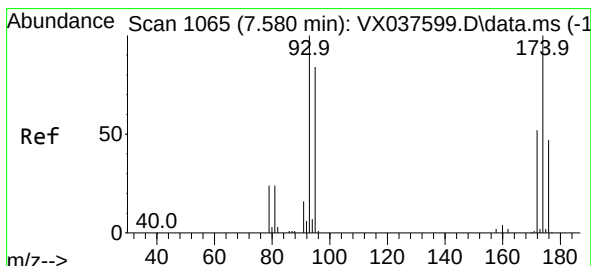
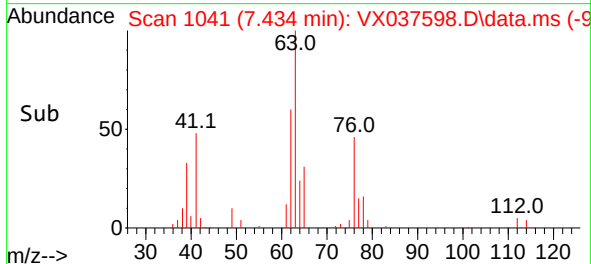
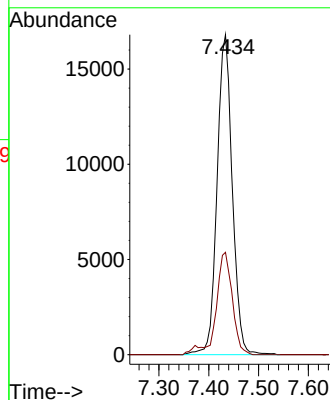
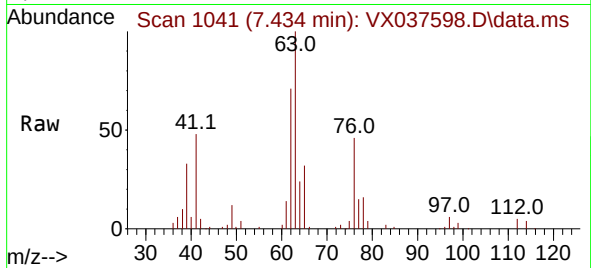
#45
1,2-Dichloropropane
Concen: 20.827 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 35608
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5

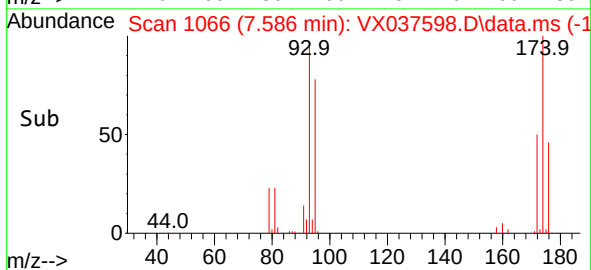
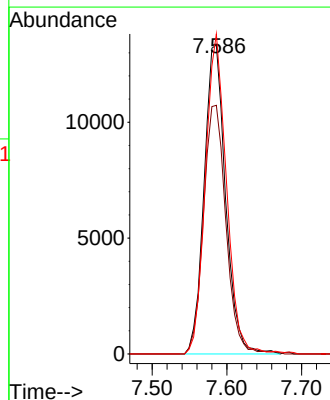
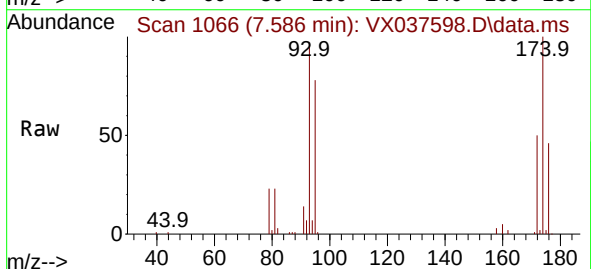
Manual Integrations
APPROVED

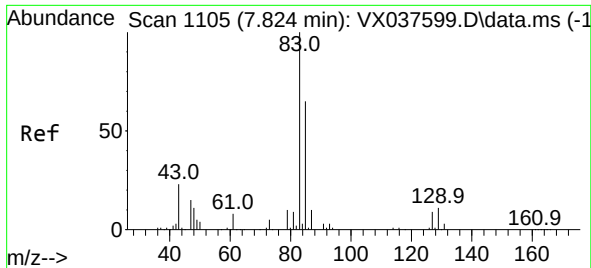
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#46
Dibromomethane
Concen: 20.758 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 93 Resp: 26636
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 101.7 69.4 104.0





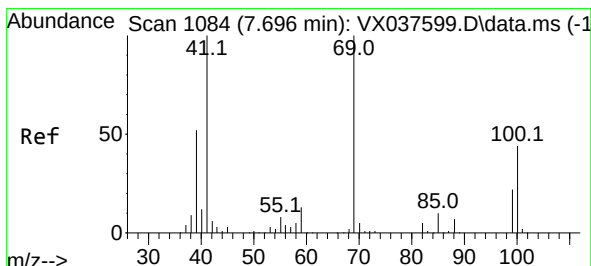
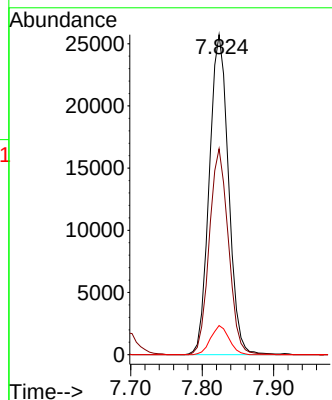
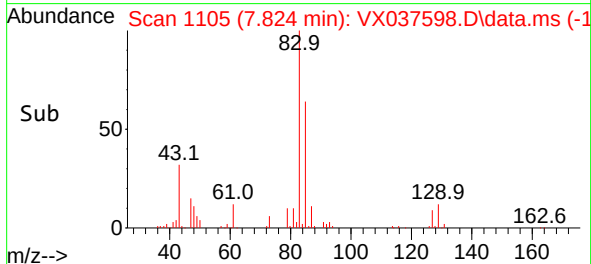
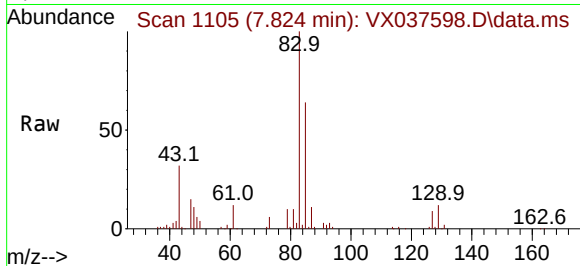
#47
Bromodichloromethane
Concen: 20.452 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4795
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 9.1 7.1 10.7

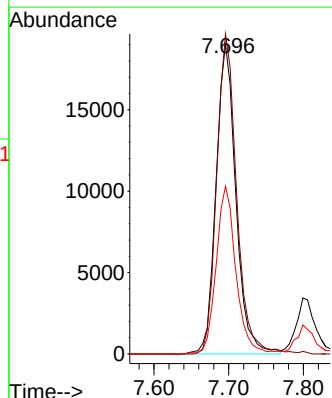
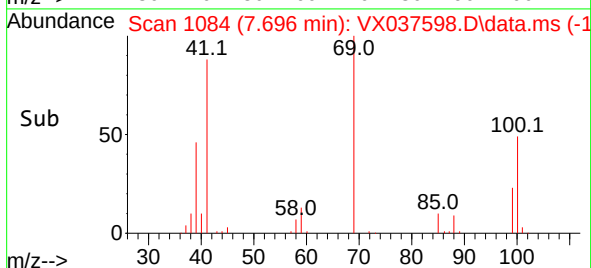
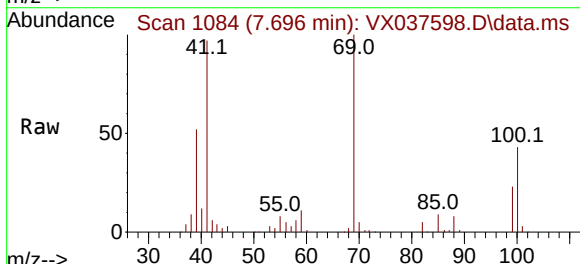
Manual Integrations
APPROVED

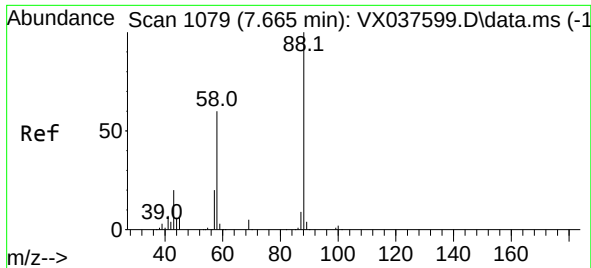
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
Methyl methacrylate
Concen: 21.091 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 41 Resp: 35173
Ion Ratio Lower Upper
41 100
69 103.6 59.2 88.8#
39 53.9 47.7 71.5





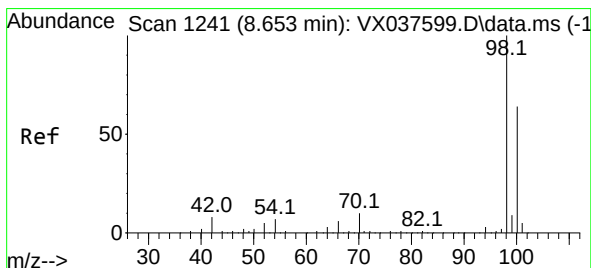
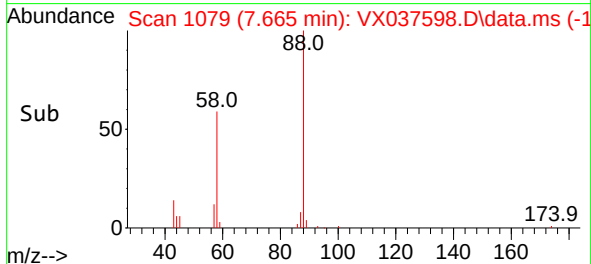
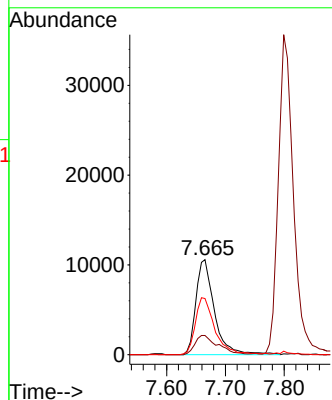
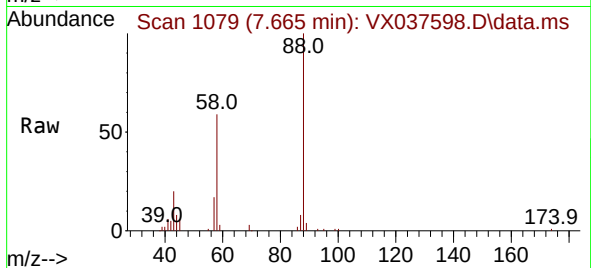
#49
1,4-Dioxane
Concen: 443.266 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 23194
Ion Ratio Lower Upper
88 100
43 25.1 0.0 0.0
58 63.2 60.1 90.1

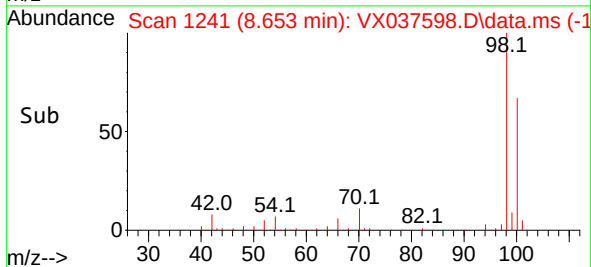
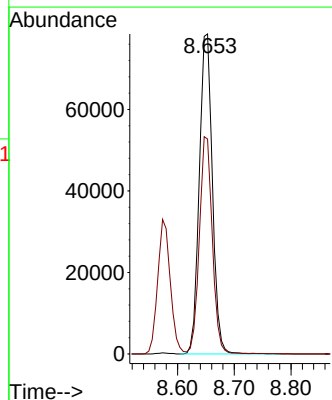
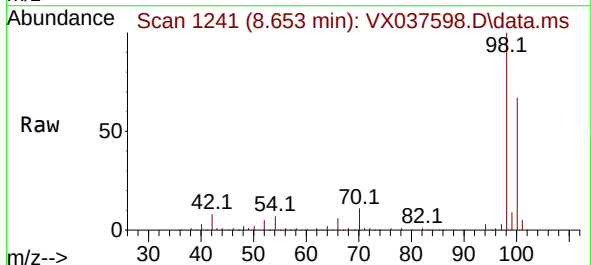
Manual Integrations
APPROVED

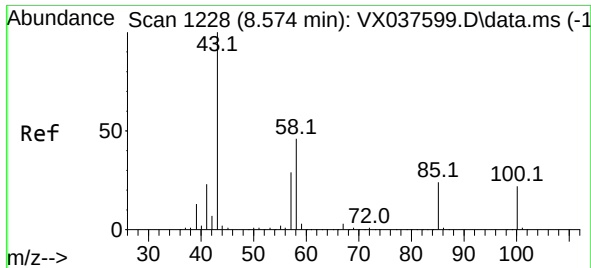
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#50
Toluene-d8
Concen: 20.012 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 98 Resp: 126060
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 107.888 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

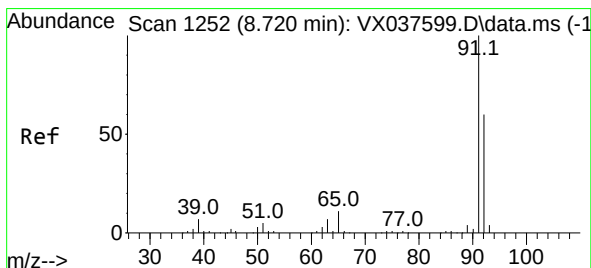
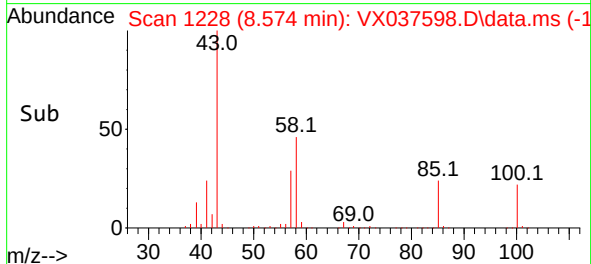
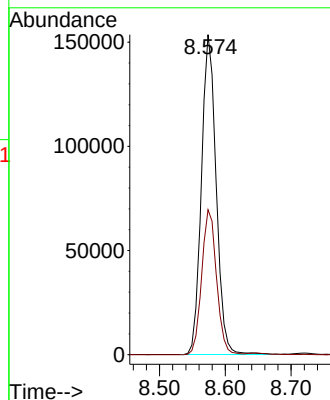
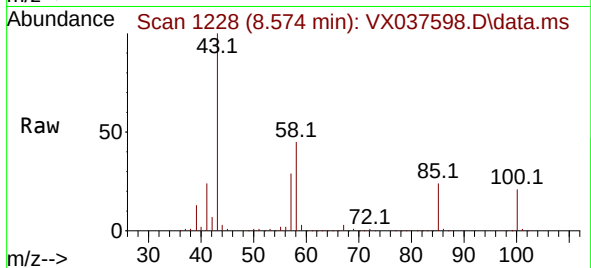
VSTDICC020

Tgt Ion: 43 Resp: 23908
Ion Ratio Lower Upper
43 100
58 45.5 30.4 45.6

Manual Integrations

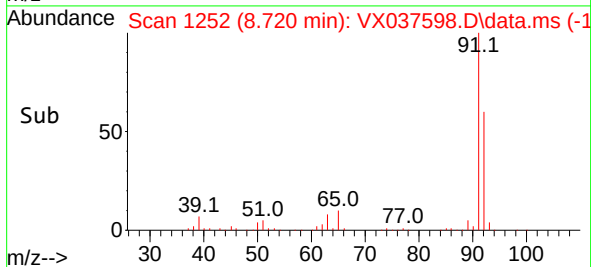
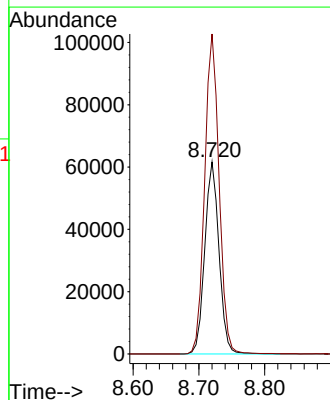
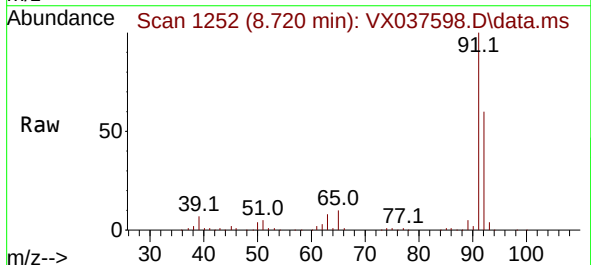
APPROVED

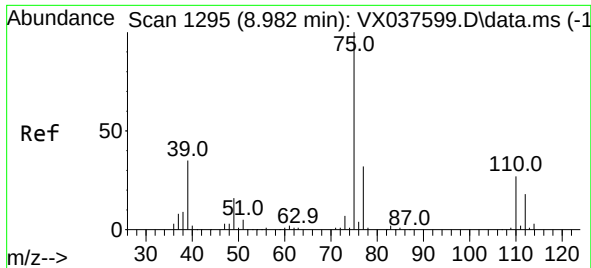
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#52
Toluene
Concen: 20.469 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 92 Resp: 92816
Ion Ratio Lower Upper
92 100
91 168.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.856 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 48340

Ion Ratio Lower Upper

75 100

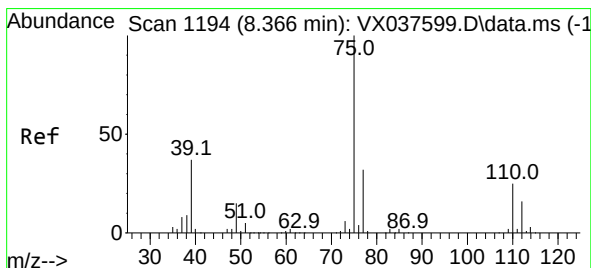
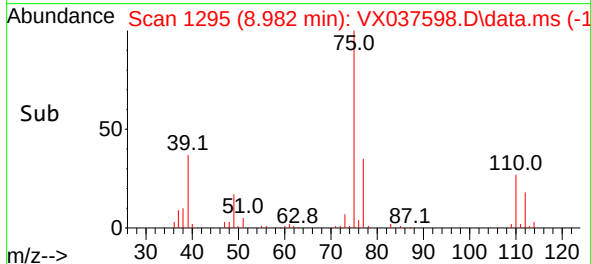
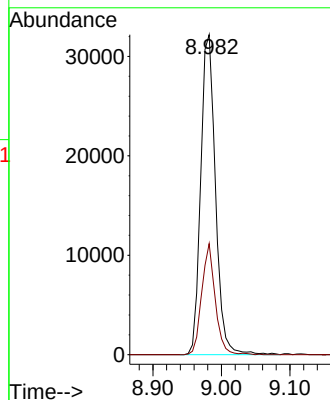
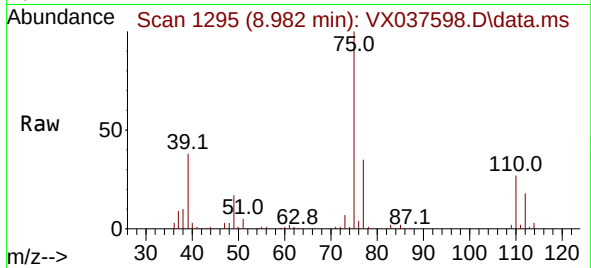
77 34.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#54

cis-1,3-Dichloropropene

Concen: 20.414 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

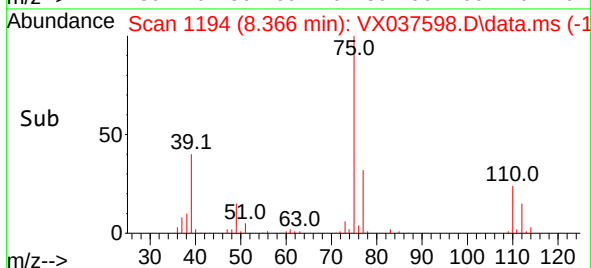
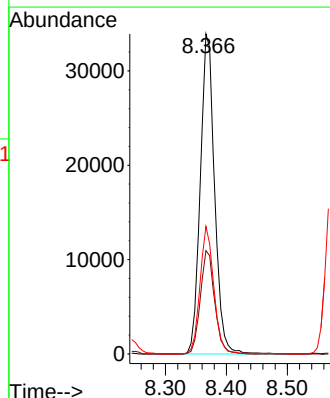
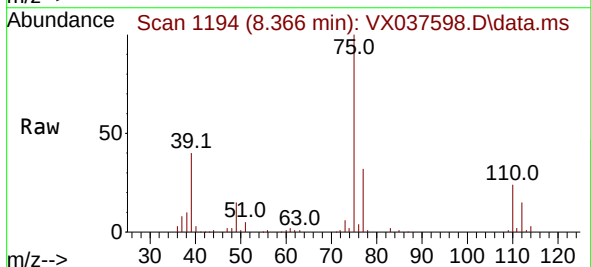
Tgt Ion: 75 Resp: 55295

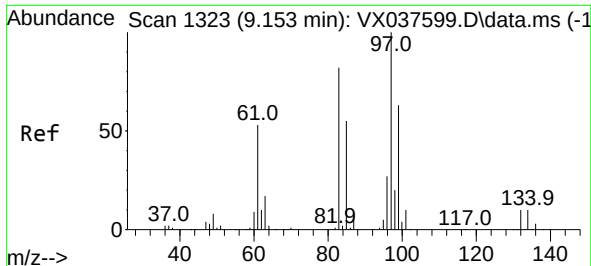
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

39 39.9 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 21.115 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

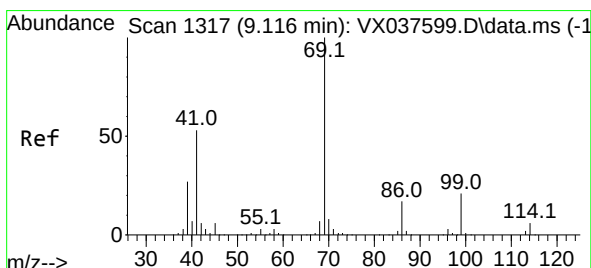
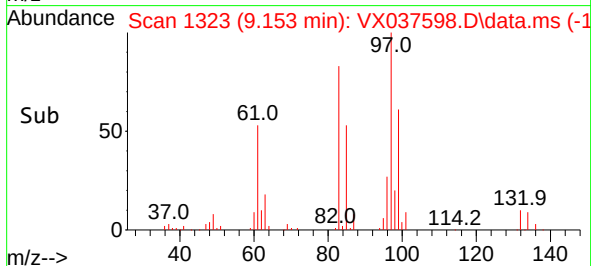
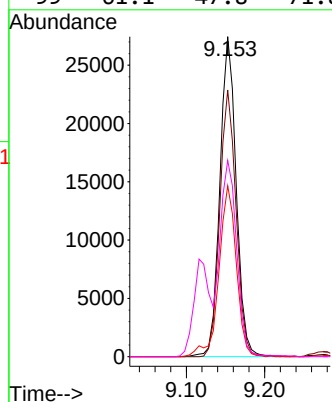
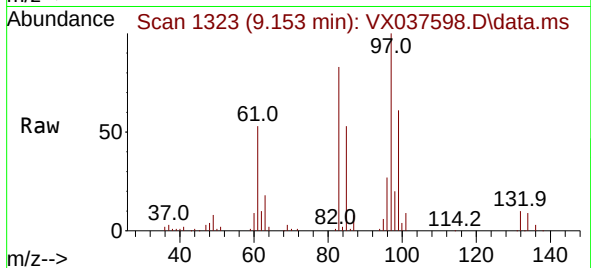
Tgt Ion:	97	Resp:	39810
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	53.4	41.6	62.4
99	61.1	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#56

Ethyl methacrylate

Concen: 21.105 ug/l

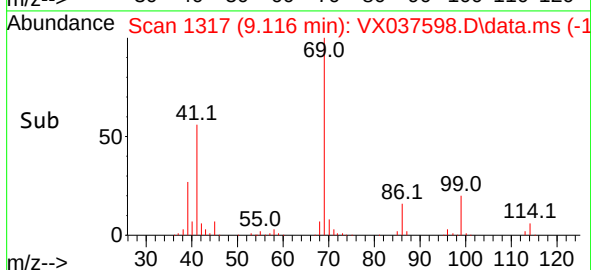
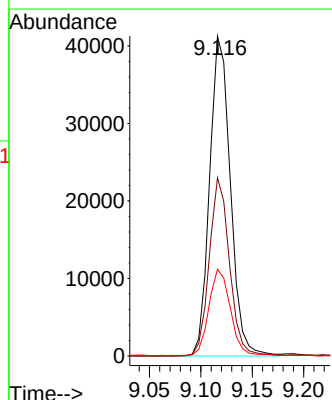
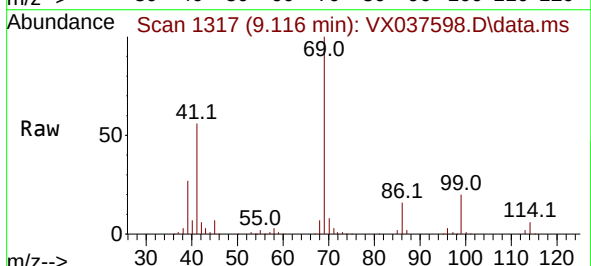
RT: 9.116 min Scan# 1317

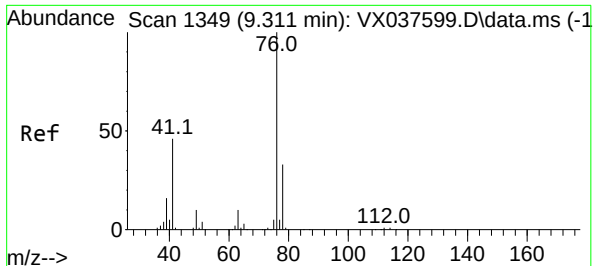
Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Tgt Ion:	69	Resp:	57975
Ion	Ratio	Lower	Upper
69	100		
41	54.4	56.8	85.2#
39	28.3	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 20.767 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 65250

Ion Ratio Lower Upper

76 100

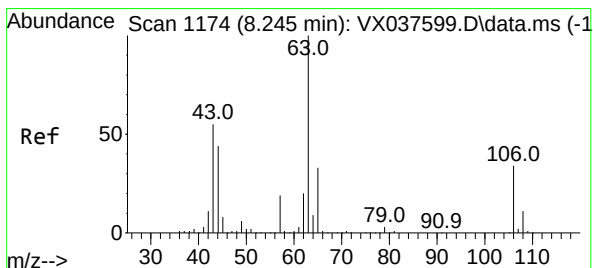
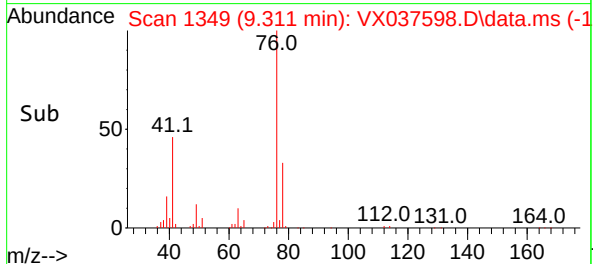
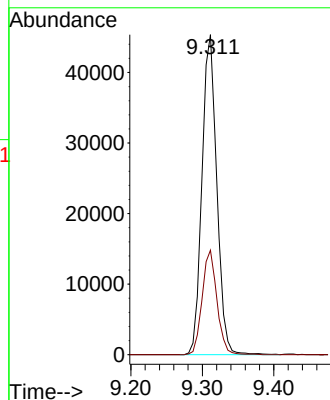
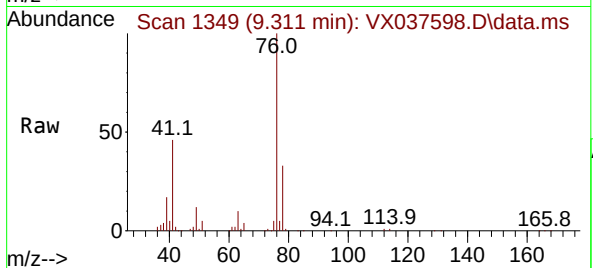
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.479 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037598.D

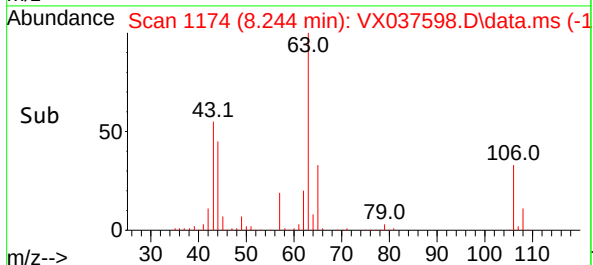
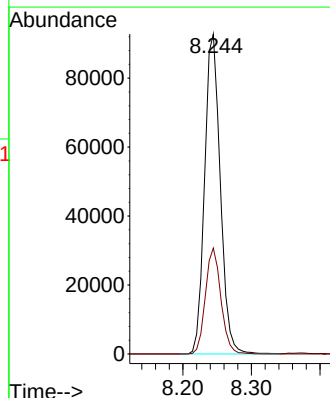
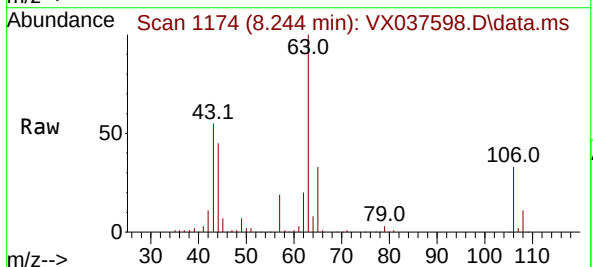
Acq: 08 Sep 2023 11:54

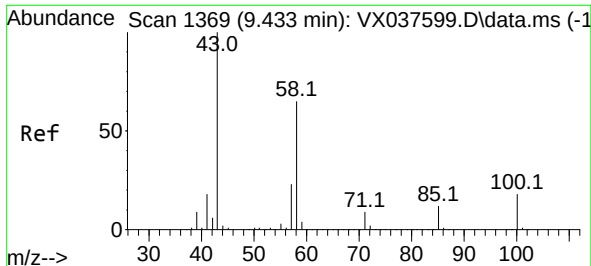
Tgt Ion: 63 Resp: 147991

Ion Ratio Lower Upper

63 100

106 32.6 22.5 33.7





#59

2-Hexanone

Concen: 108.947 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 184140

Ion Ratio Lower Upper

43 100

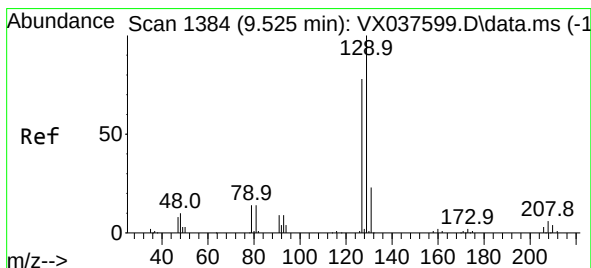
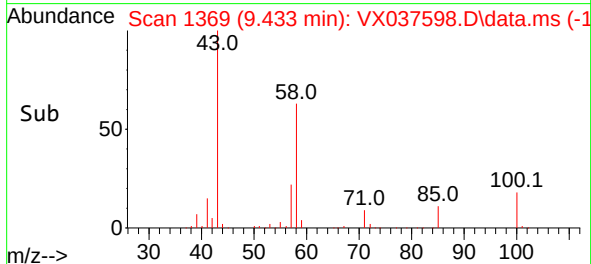
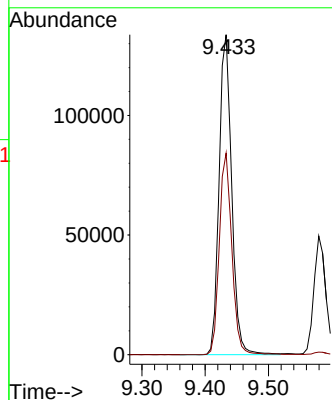
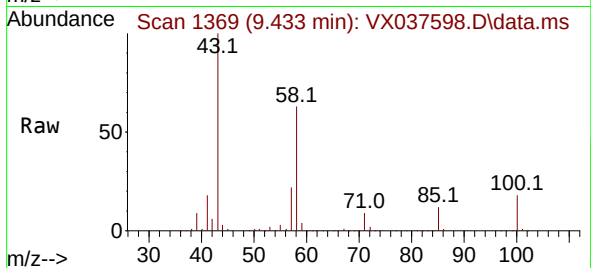
58 62.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#60

Dibromochloromethane

Concen: 20.498 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX037598.D

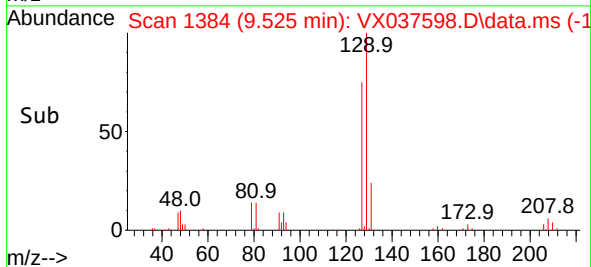
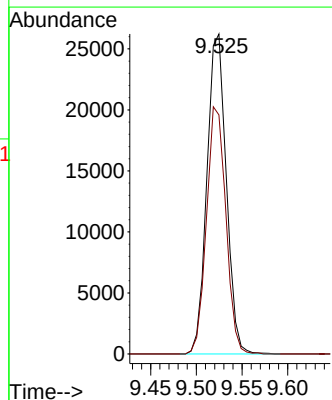
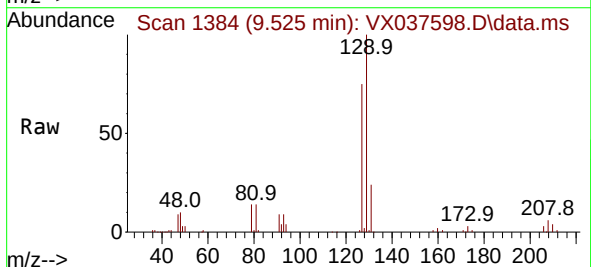
Acq: 08 Sep 2023 11:54

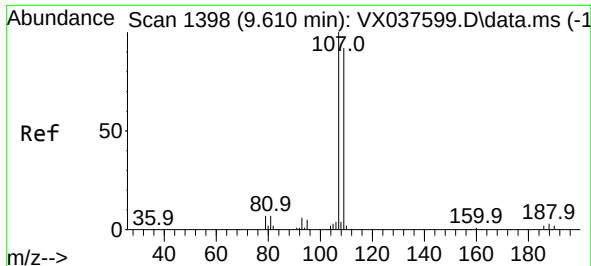
Tgt Ion:129 Resp: 38479

Ion Ratio Lower Upper

129 100

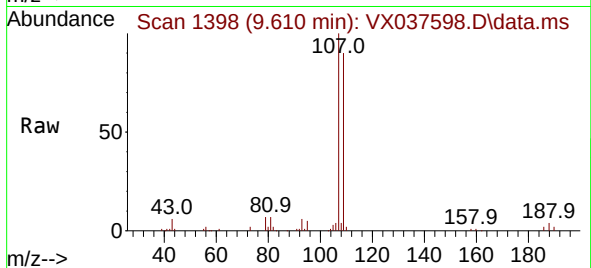
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.996 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

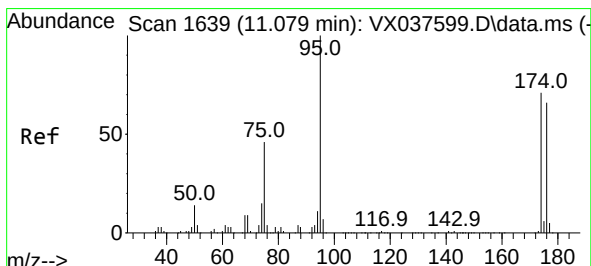
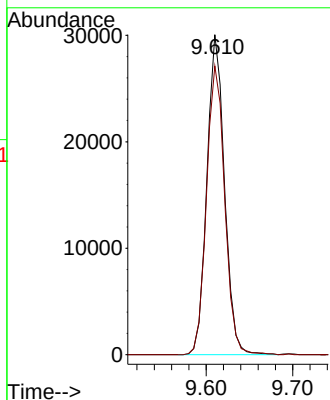
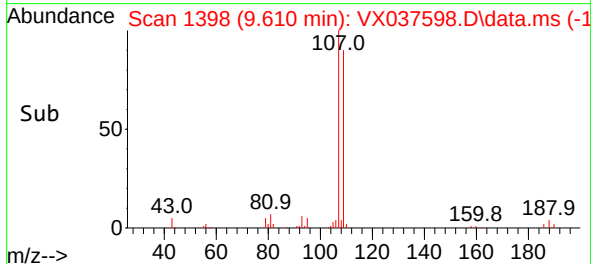
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



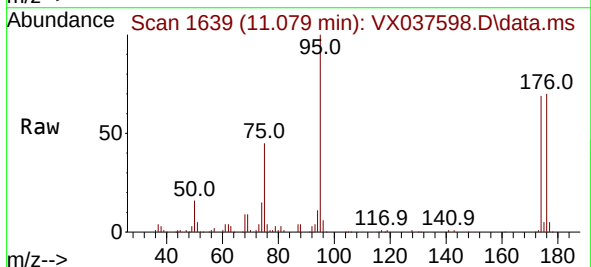
Tgt Ion:107 Resp: 42389
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
APPROVED

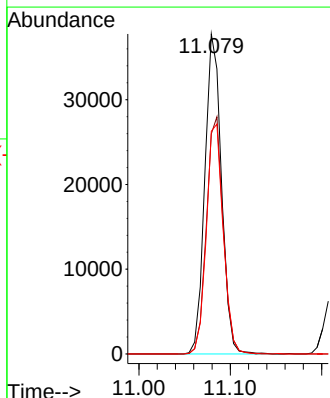
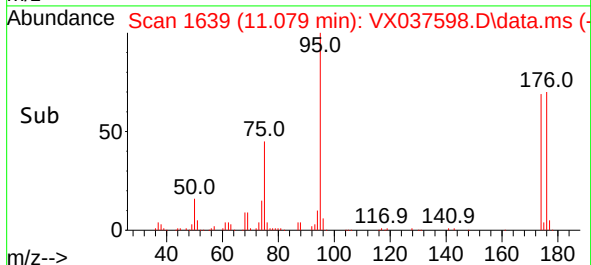
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

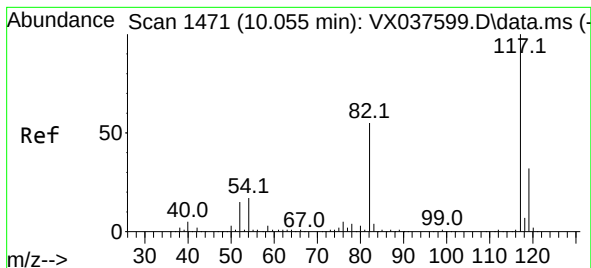


#62
4-Bromofluorobenzene
Concen: 20.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54



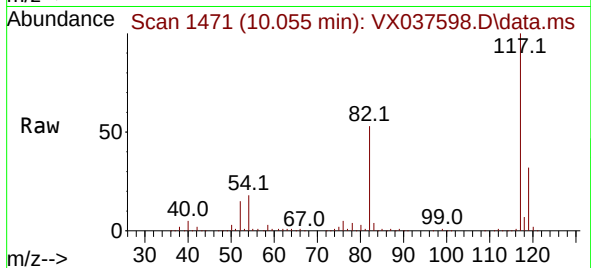
Tgt Ion: 95 Resp: 47557
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 73.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

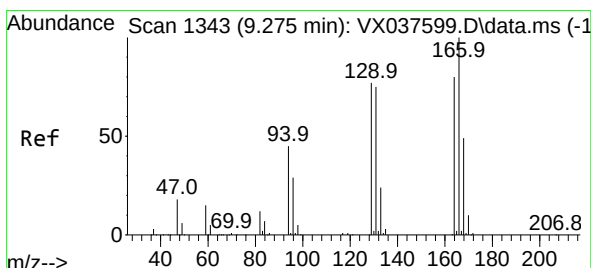
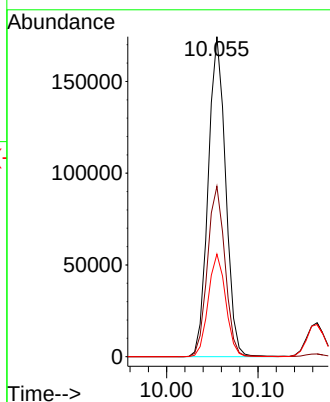
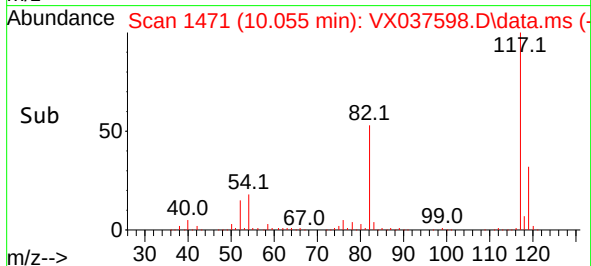
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 230219
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.1 25.5 38.3

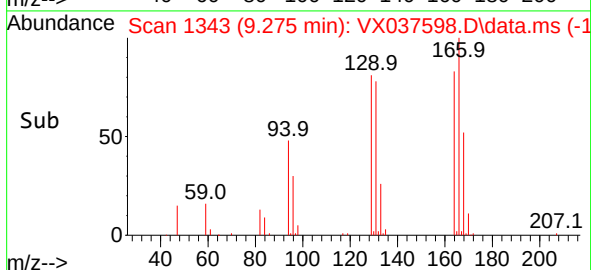
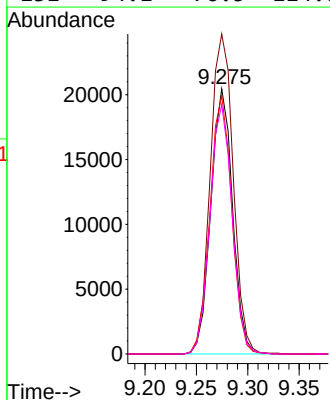
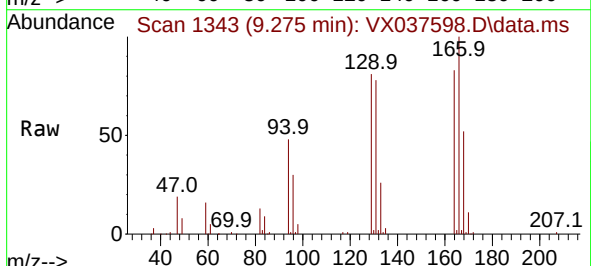
Manual Integrations
APPROVED

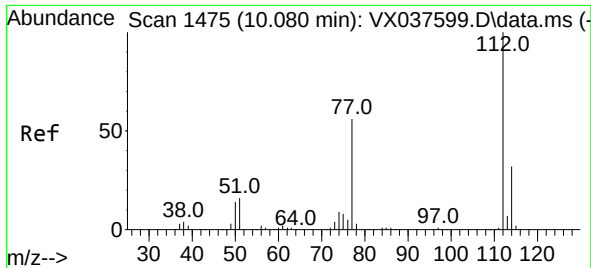
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Tetrachloroethene
Concen: 18.616 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion:164 Resp: 30011
Ion Ratio Lower Upper
164 100
166 120.7 102.7 154.1
129 97.4 80.4 120.6
131 94.1 76.5 114.7





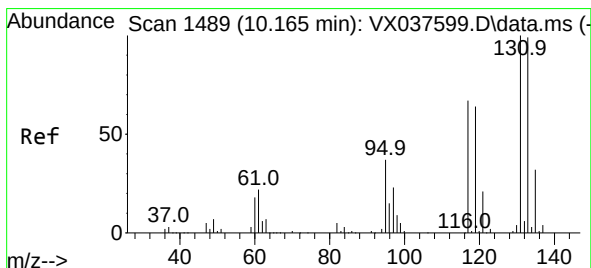
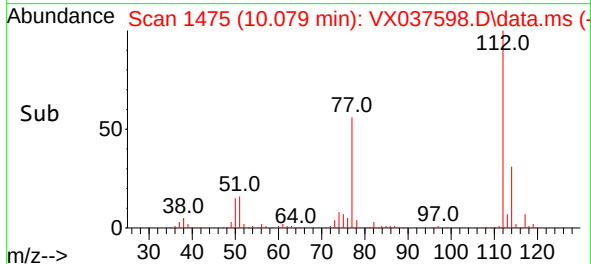
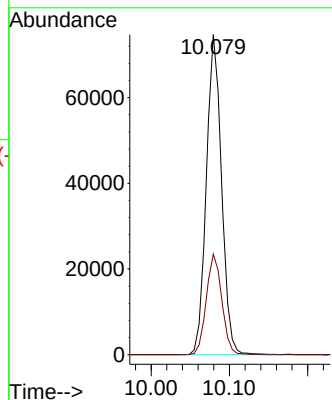
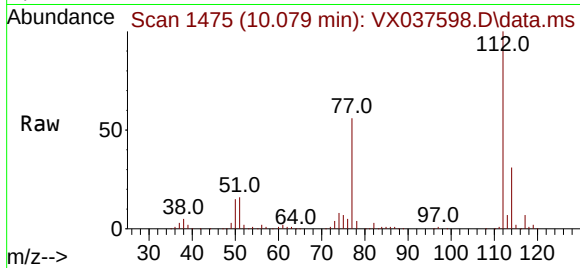
#65
Chlorobenzene
Concen: 19.864 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 100470
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

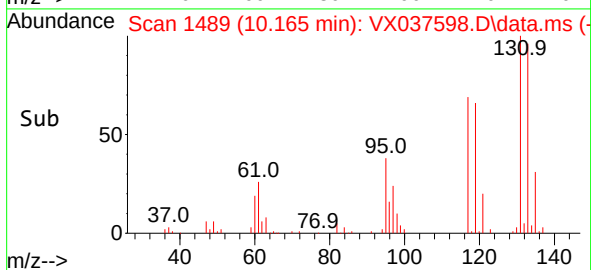
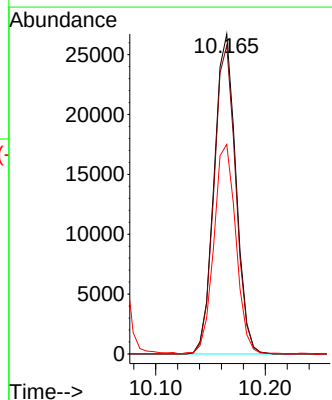
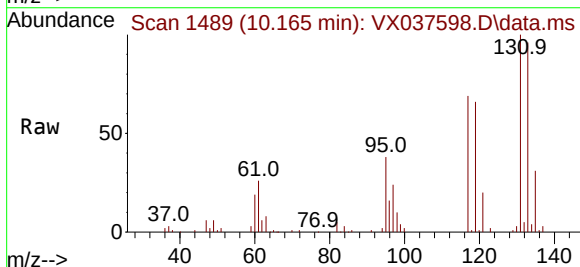
Manual Integrations
APPROVED

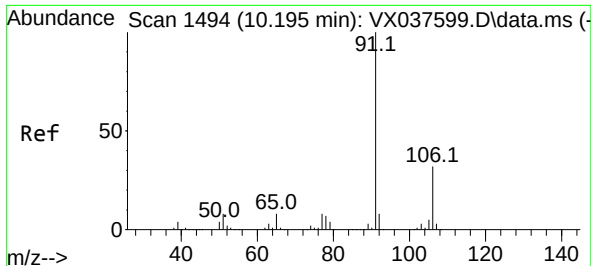
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.543 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion:131 Resp: 36825
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 66.6 32.2 96.6





#67

Ethyl Benzene

Concen: 19.813 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 17035

Ion Ratio Lower Upper

91 100

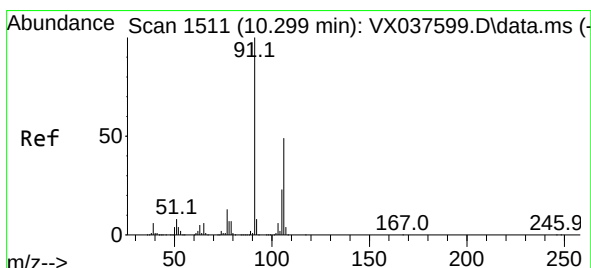
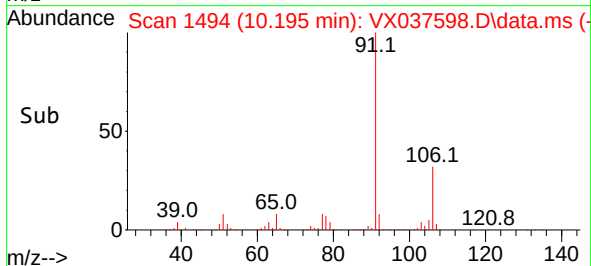
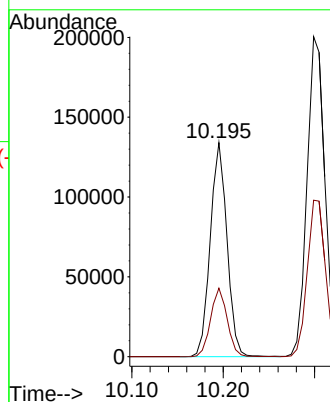
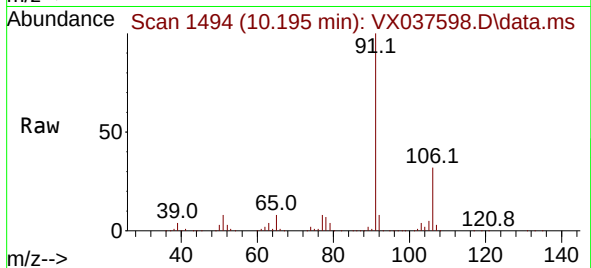
106 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#68

m/p-Xylenes

Concen: 40.512 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037598.D

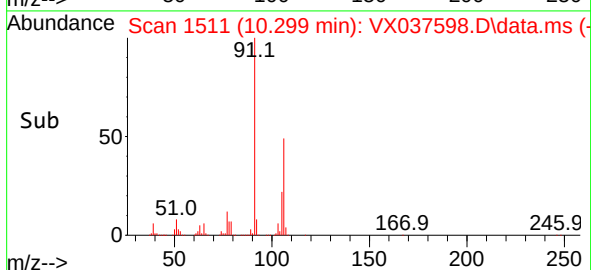
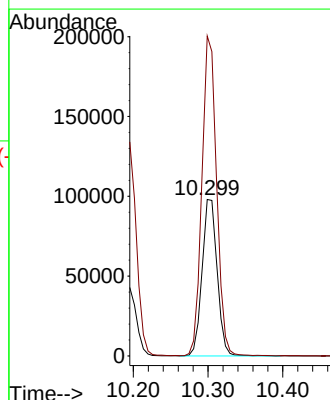
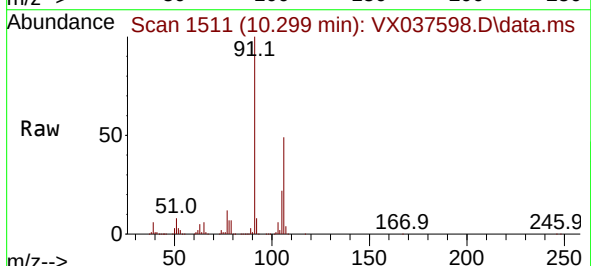
Acq: 08 Sep 2023 11:54

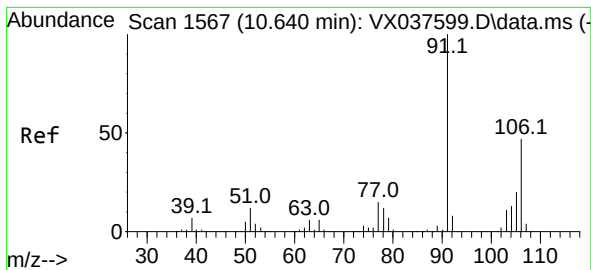
Tgt Ion:106 Resp: 137020

Ion Ratio Lower Upper

106 100

91 199.8 165.5 248.3





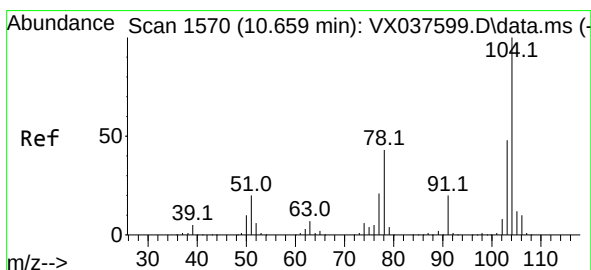
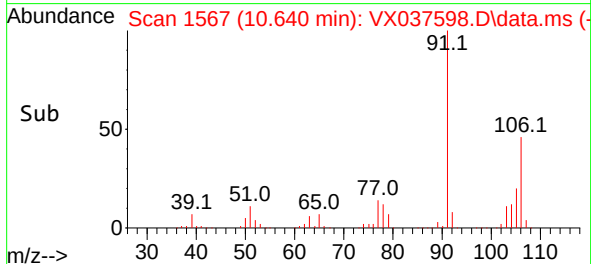
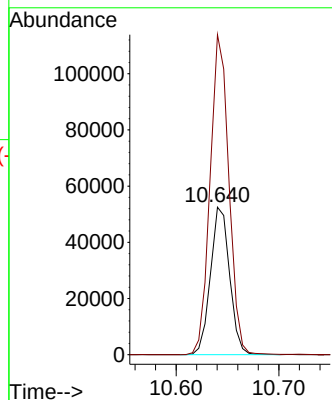
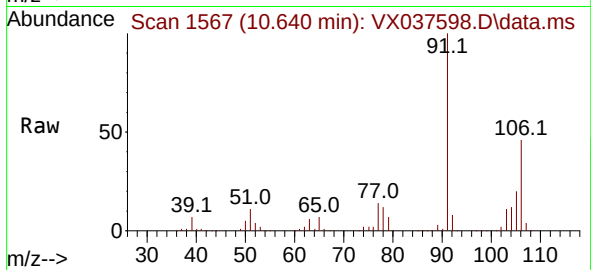
#69
o-Xylene
Concen: 20.180 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 6786
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8

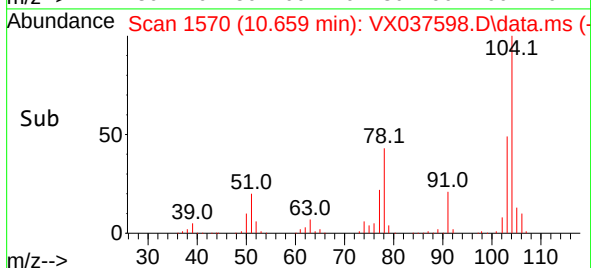
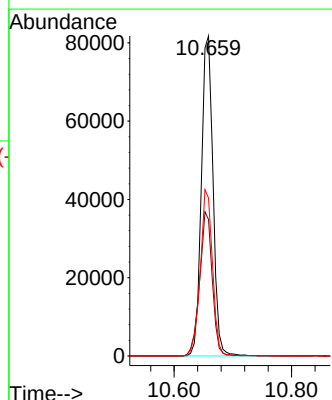
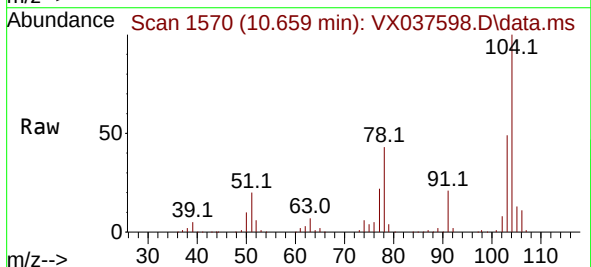
Manual Integrations
APPROVED

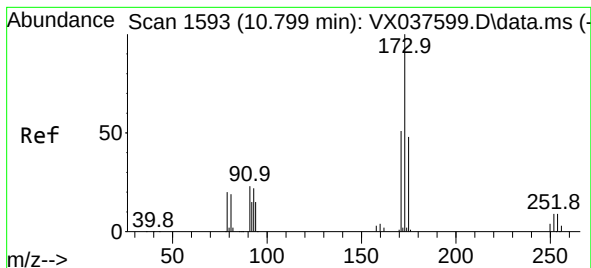
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Styrene
Concen: 20.509 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion:104 Resp: 112135
Ion Ratio Lower Upper
104 100
78 48.7 43.6 65.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 19.656 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

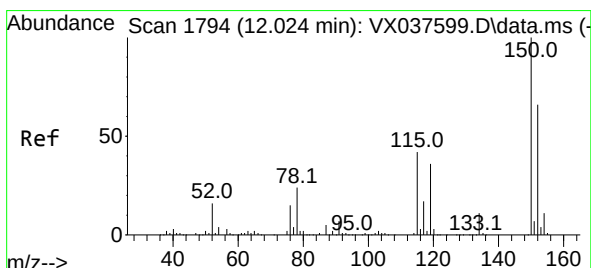
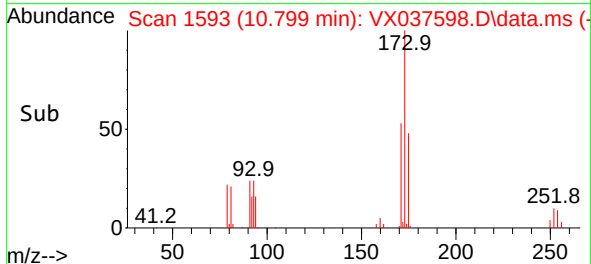
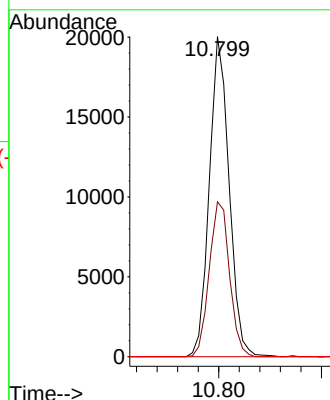
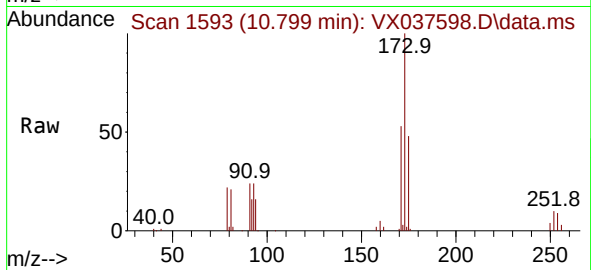
Tgt Ion:173	Resp:	26690
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

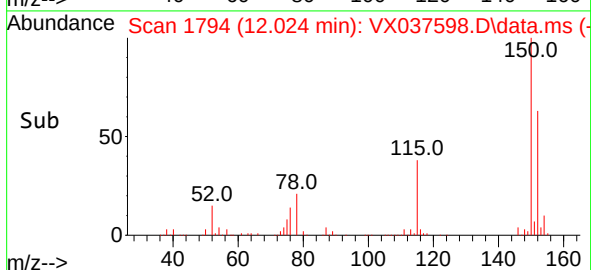
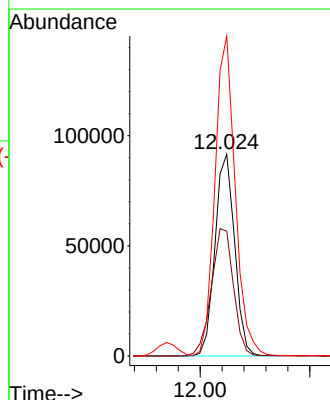
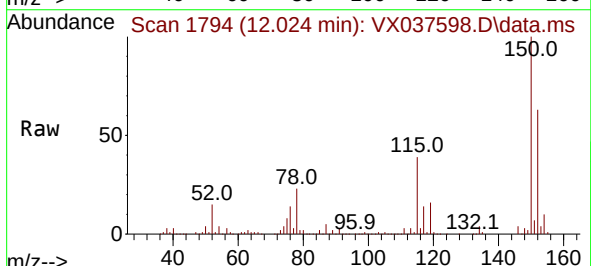
RT: 12.024 min Scan# 1794

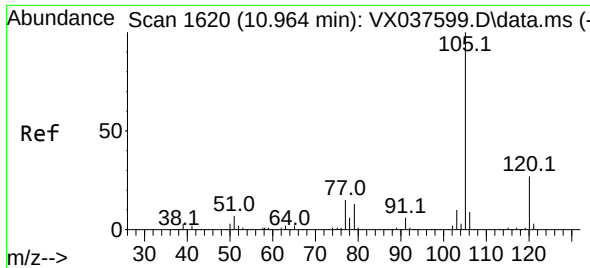
Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Tgt Ion:152	Resp:	113984
Ion Ratio	Lower	Upper
152	100	
115	71.1	43.3 129.9
150	163.2	0.0 345.0





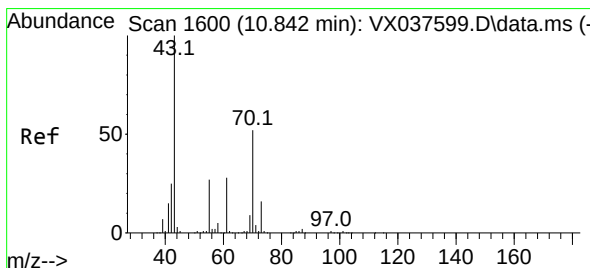
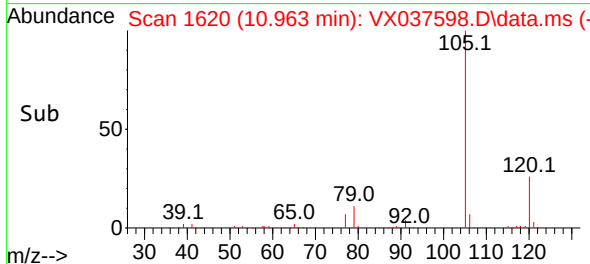
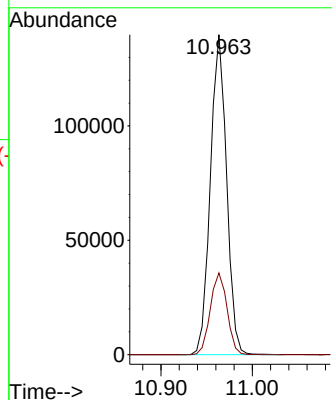
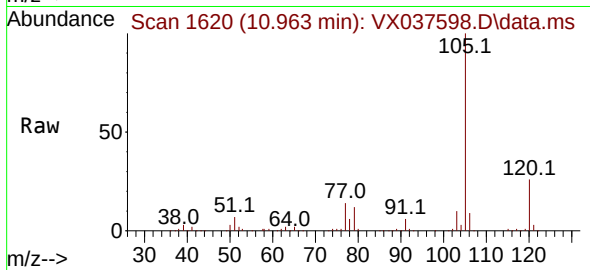
#73
Isopropylbenzene
Concen: 20.054 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 17170
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

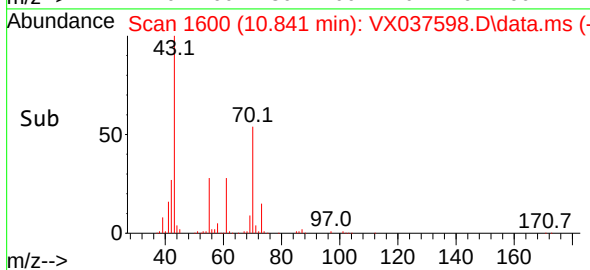
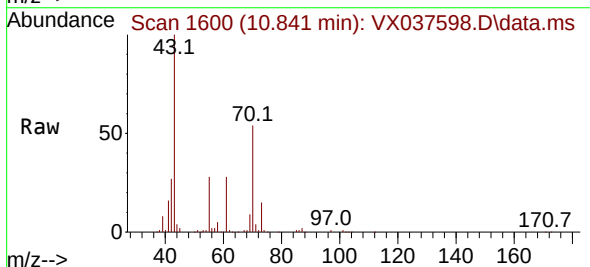
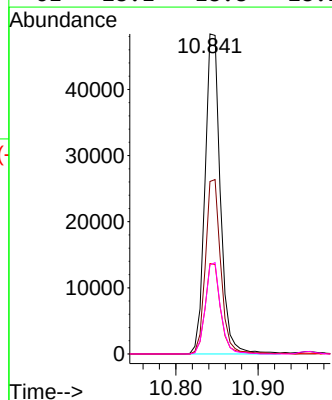
Manual Integrations
APPROVED

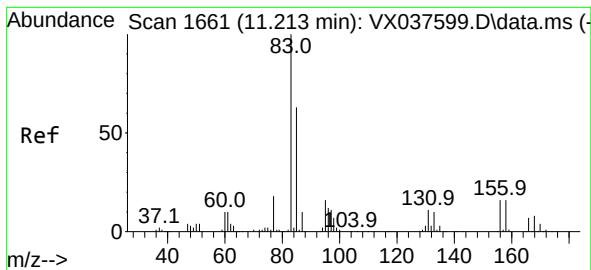
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#74
N-ethyl acetate
Concen: 21.343 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 43 Resp: 62991
Ion Ratio Lower Upper
43 100
70 54.0 32.9 49.3#
55 28.5 19.3 28.9
61 28.1 18.8 28.2





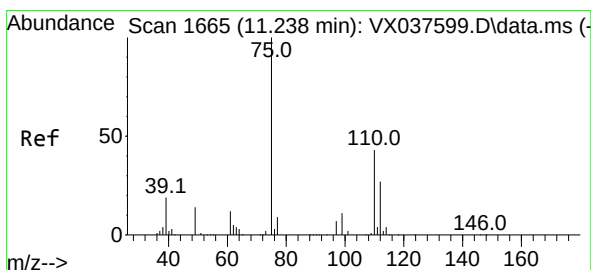
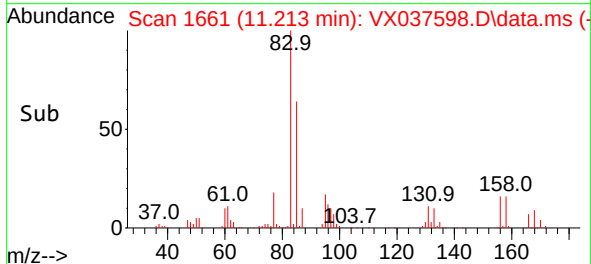
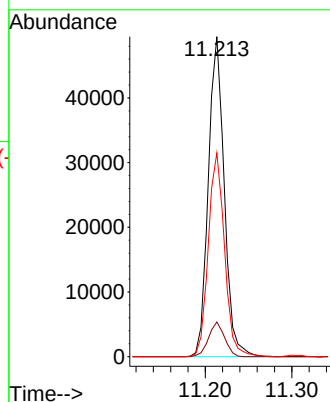
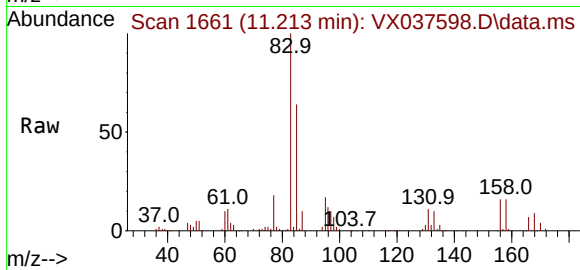
#75
1,1,2,2-Tetrachloroethane
Concen: 21.233 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 63174
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.8
85 64.9 32.0 96.2

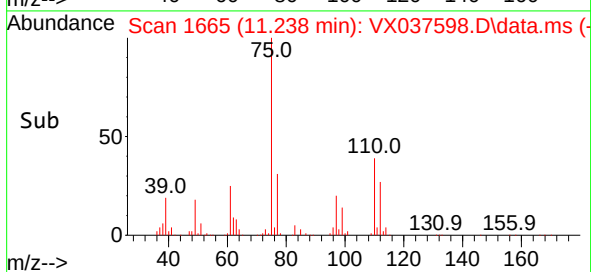
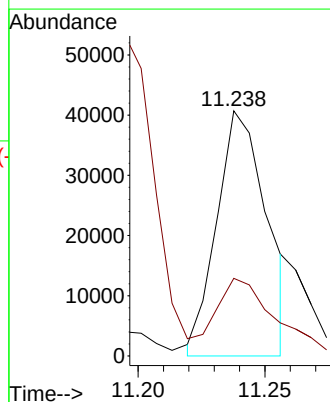
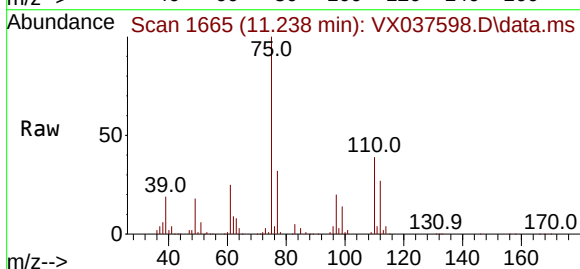
Manual Integrations
APPROVED

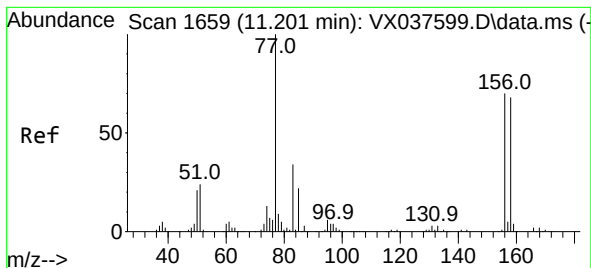
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#76
1,2,3-Trichloropropane
Concen: 20.791 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion: 75 Resp: 55596
Ion Ratio Lower Upper
75 100
77 38.5 19.1 57.5





#77

Bromobenzene

Concen: 20.621 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

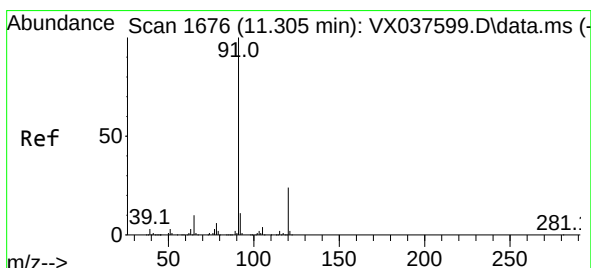
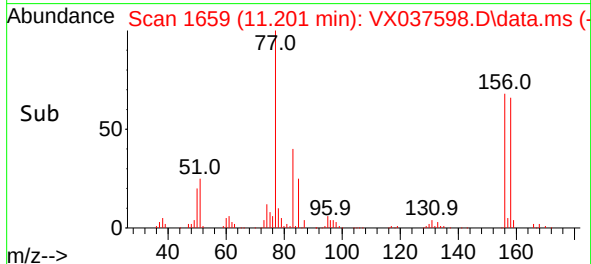
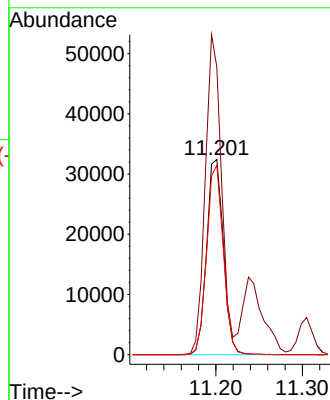
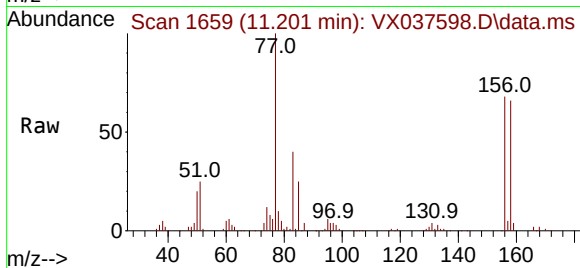
Tgt Ion:	156	Resp:	4370
Ion Ratio	Lower	Upper	
156	100		
77	157.0	88.4	265.3
158	95.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#78

n-propylbenzene

Concen: 19.875 ug/l

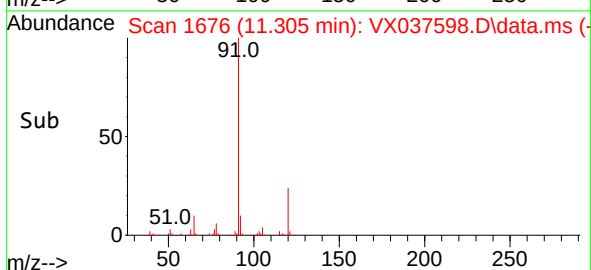
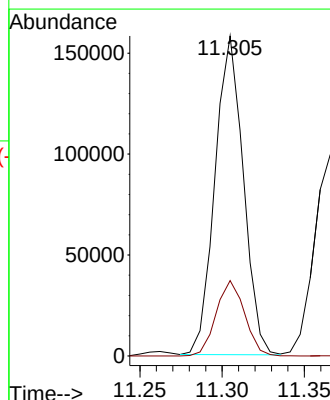
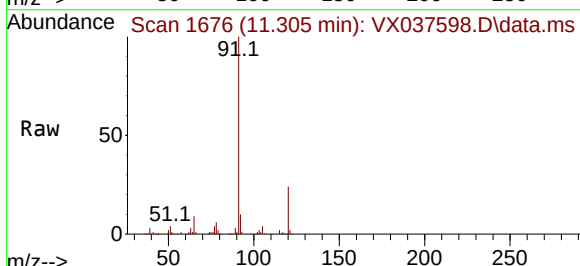
RT: 11.305 min Scan# 1676

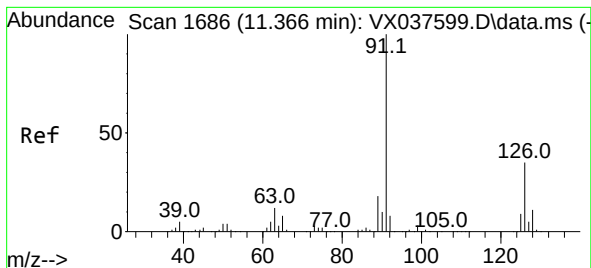
Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Tgt Ion:	91	Resp:	189245
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.4





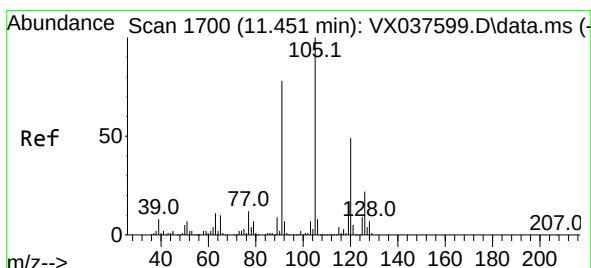
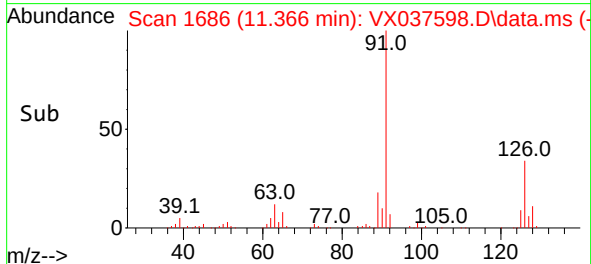
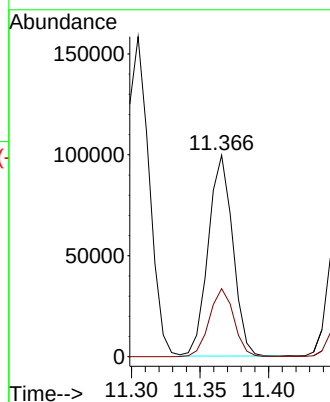
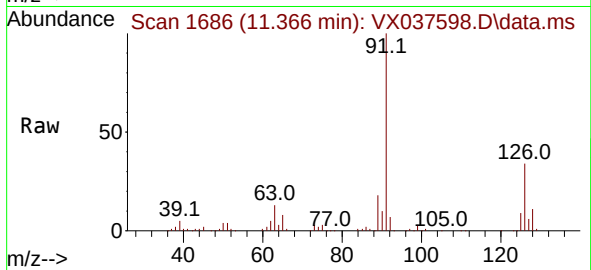
#79
2-Chlorotoluene
Concen: 20.464 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 123810
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

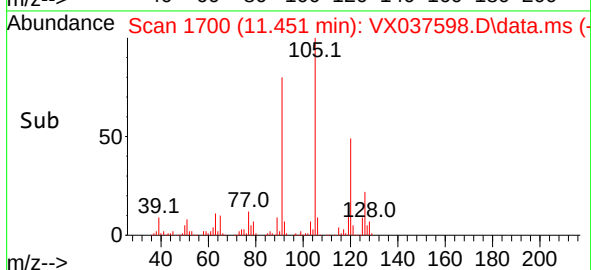
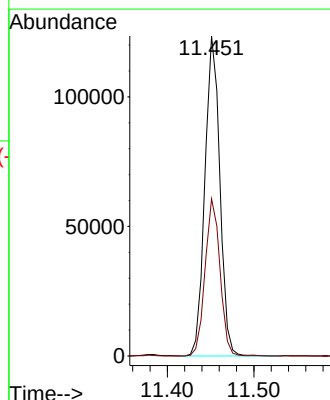
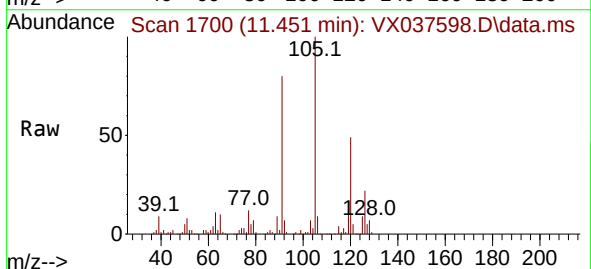
Manual Integrations
APPROVED

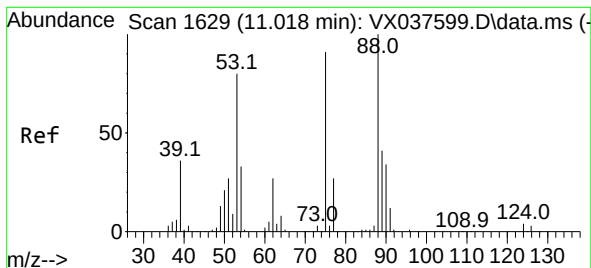
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.384 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Tgt Ion:105 Resp: 148030
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





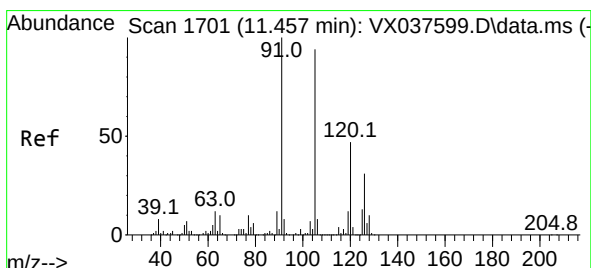
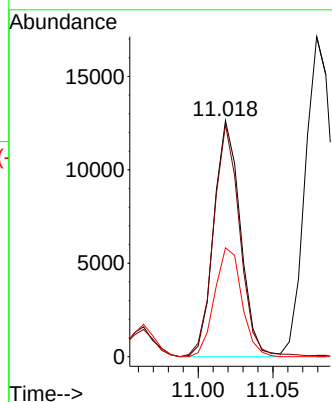
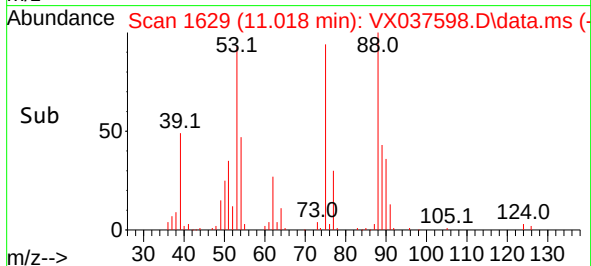
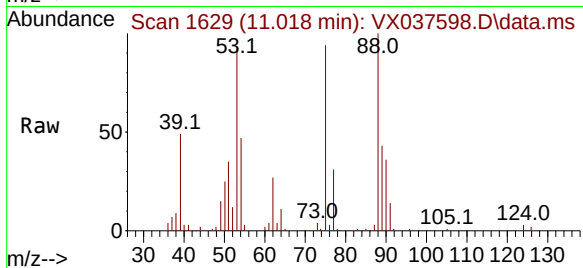
#81
trans-1,4-Dichloro-2-butene
Concen: 19.773 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 1558
Ion Ratio Lower Upper
75 100
53 97.8 90.5 135.7
89 47.2 36.9 55.3

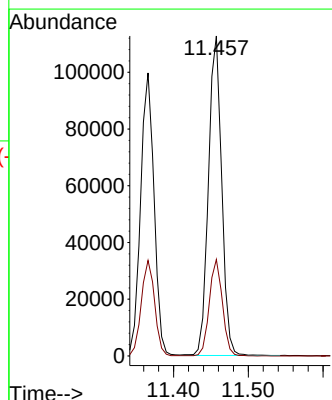
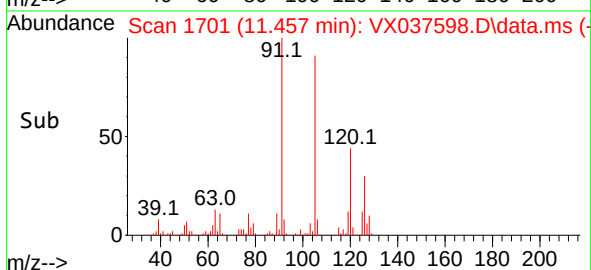
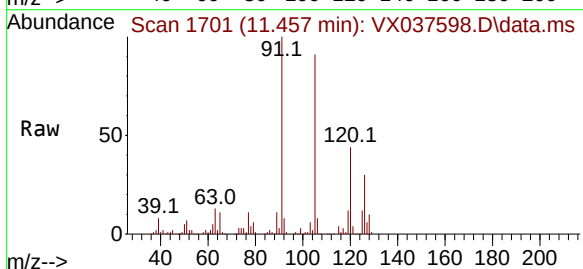
Manual Integrations
APPROVED

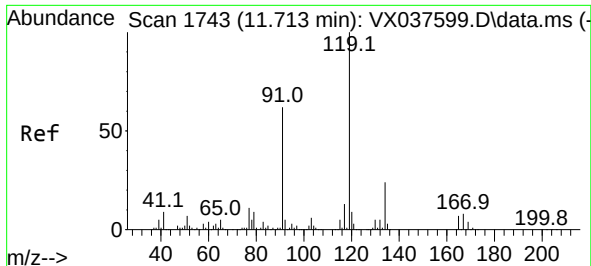
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
4-Chlorotoluene
Concen: 20.342 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

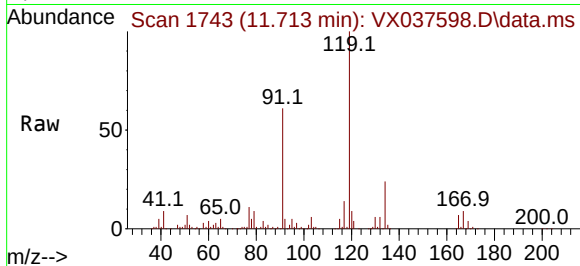
Tgt Ion: 91 Resp: 138768
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.387 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

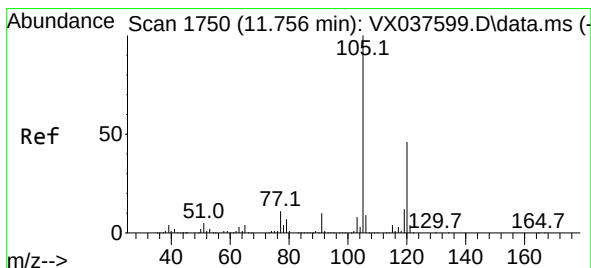
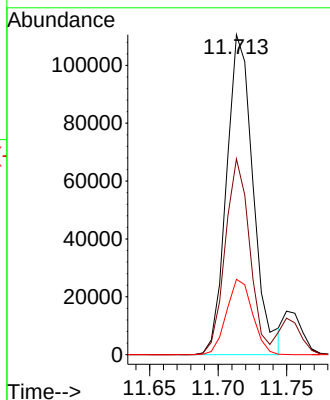
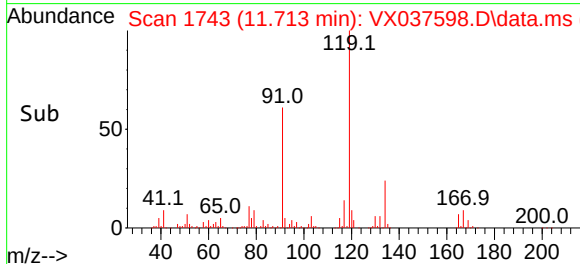
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



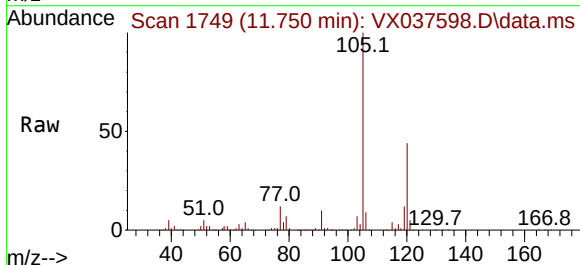
Tgt Ion:119 Resp: 14926
Ion Ratio Lower Upper
119 100
91 56.6 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

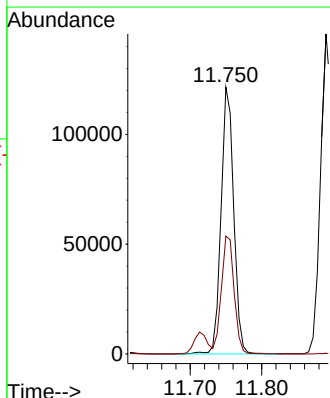
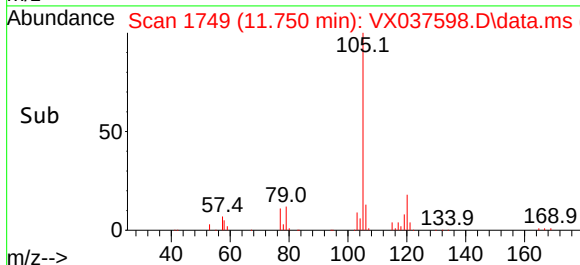
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

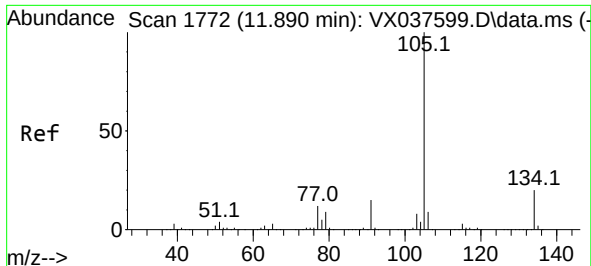


#84
1,2,4-Trimethylbenzene
Concen: 20.587 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54



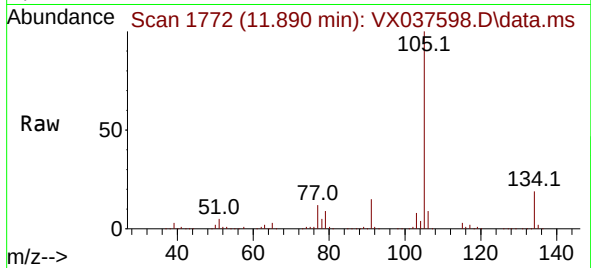
Tgt Ion:105 Resp: 149477
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.861 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037598.D
 Acq: 08 Sep 2023 11:54

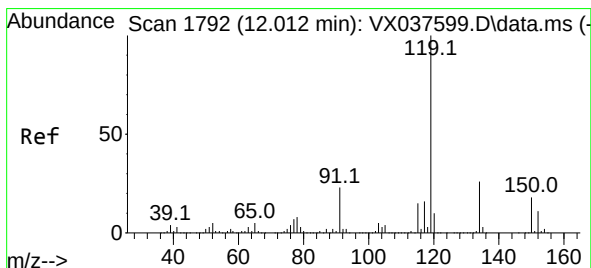
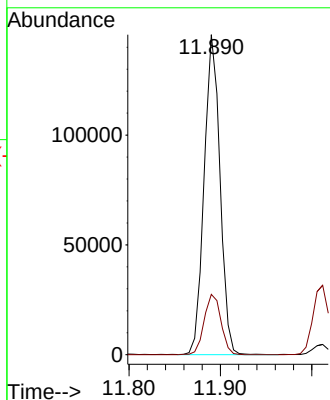
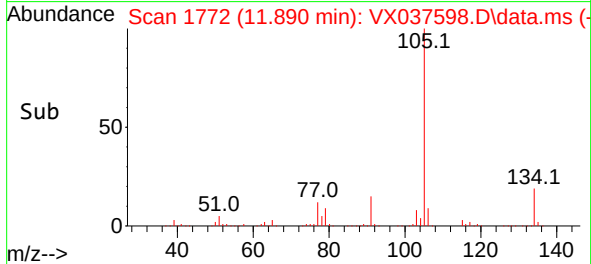
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



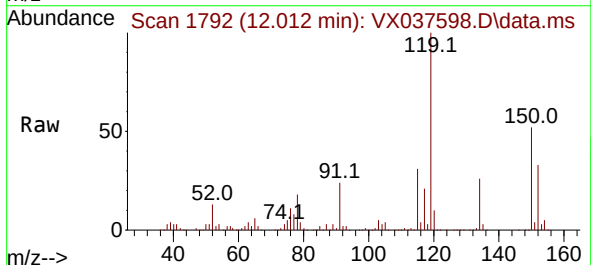
Tgt Ion:105 Resp: 17529
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

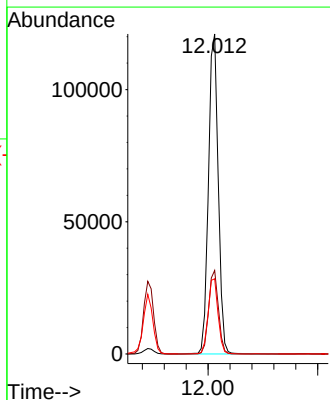
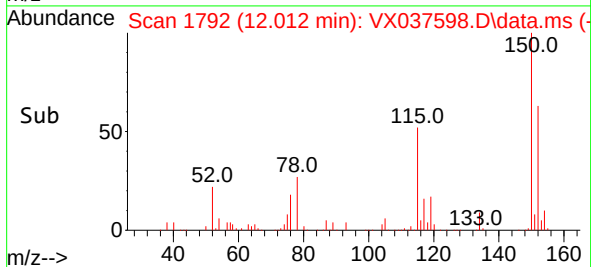
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

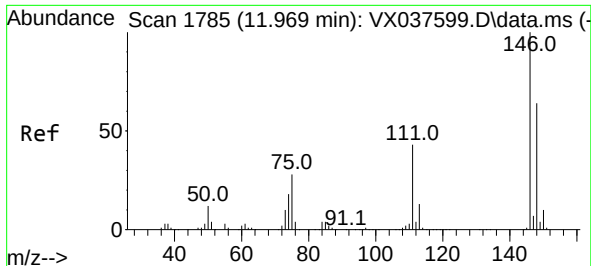


#86
 p-Isopropyltoluene
 Concen: 19.918 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037598.D
 Acq: 08 Sep 2023 11:54



Tgt Ion:119 Resp: 148886
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.797 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

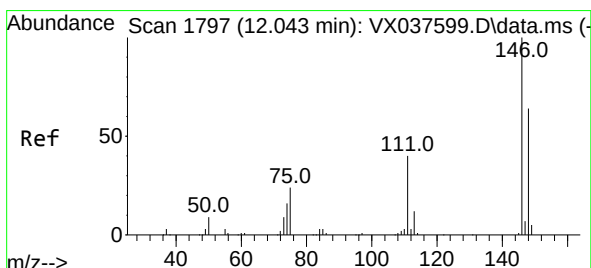
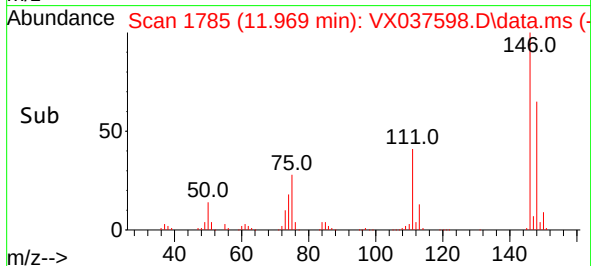
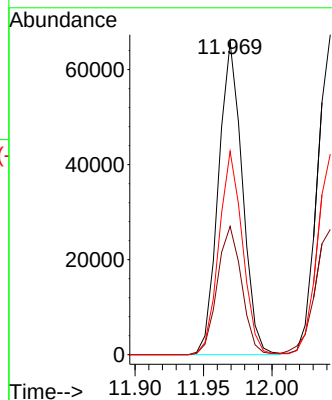
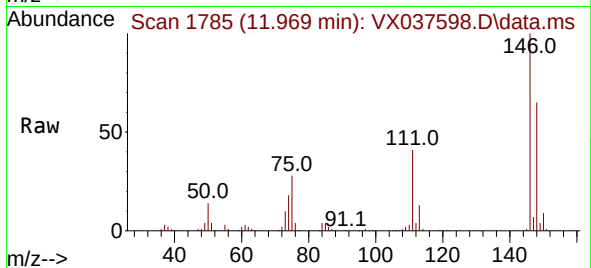
Tgt Ion:146 Resp: 79828
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.1
 148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#88

1,4-Dichlorobenzene

Concen: 19.622 ug/l

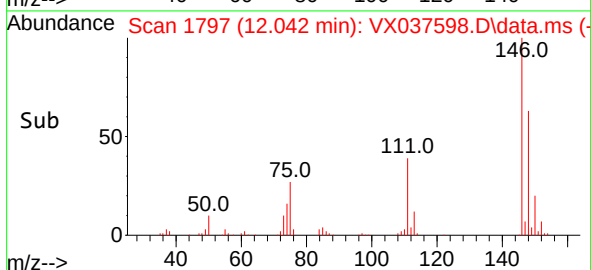
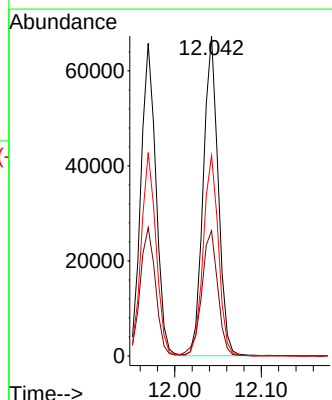
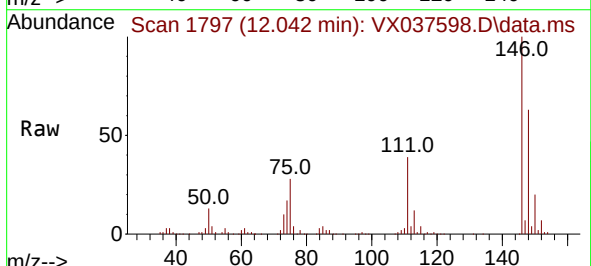
RT: 12.042 min Scan# 1797

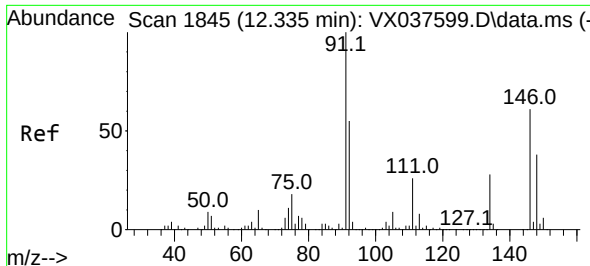
Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Tgt Ion:146 Resp: 80492
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 18.807 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037598.D

Acq: 08 Sep 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 115509

Ion Ratio Lower Upper

91 100

92 55.3 27.4 82.0

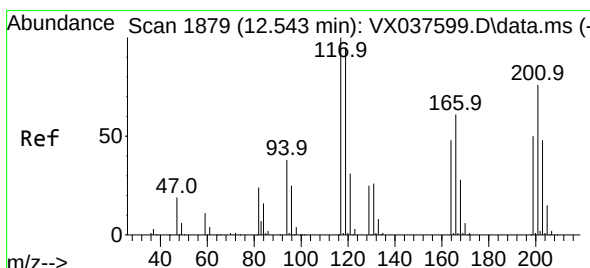
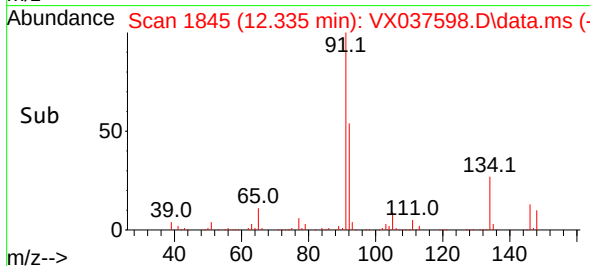
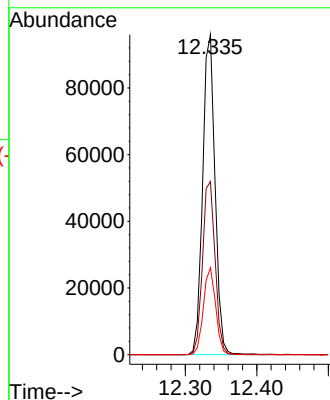
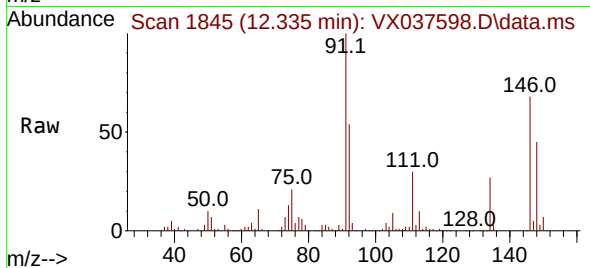
134 26.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#90

Hexachloroethane

Concen: 19.533 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX037598.D

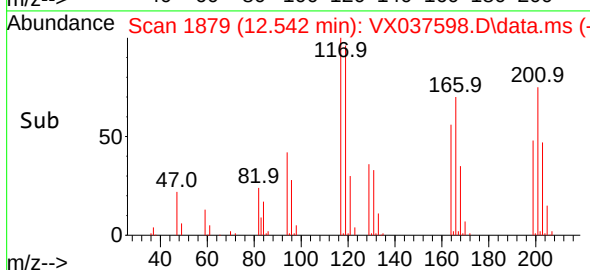
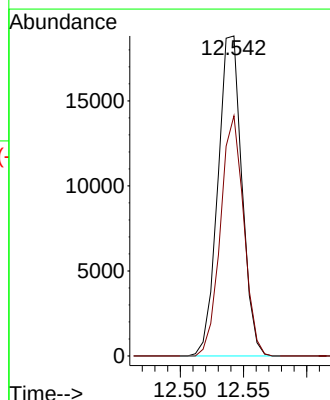
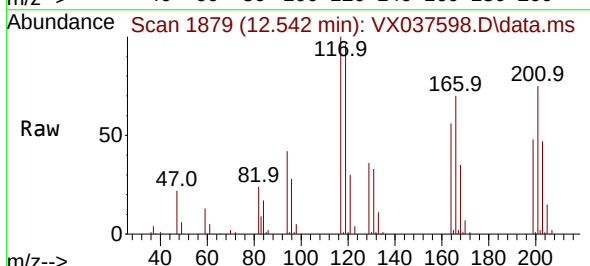
Acq: 08 Sep 2023 11:54

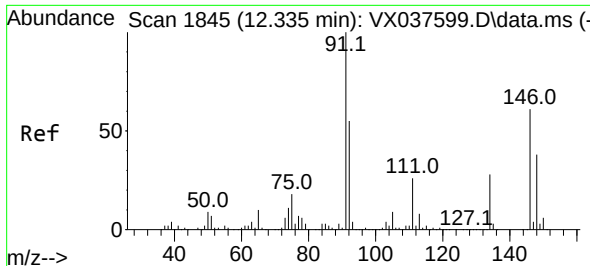
Tgt Ion:117 Resp: 24811

Ion Ratio Lower Upper

117 100

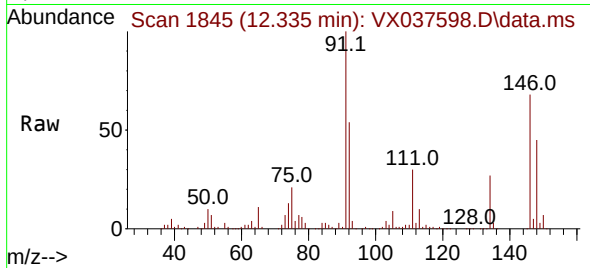
201 72.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.388 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

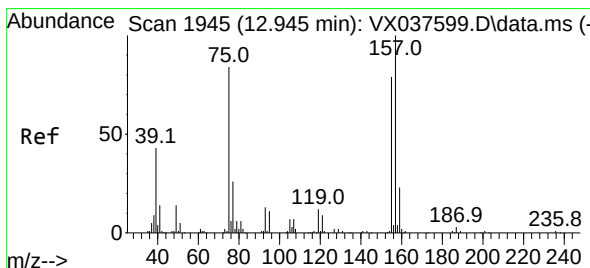
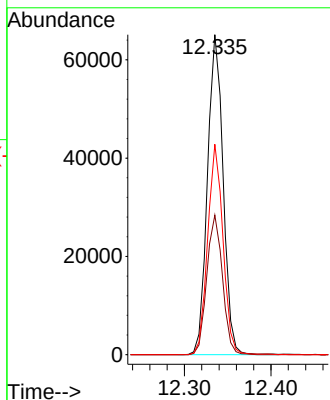
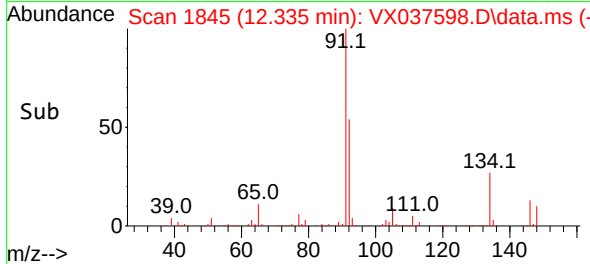
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



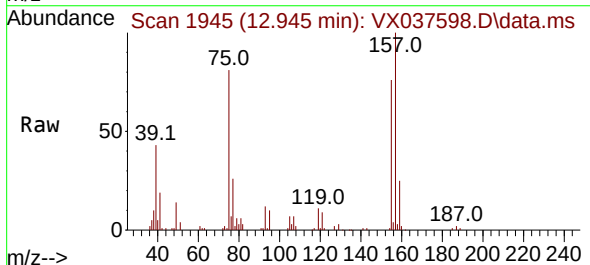
Tgt Ion:146 Resp: 81889
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

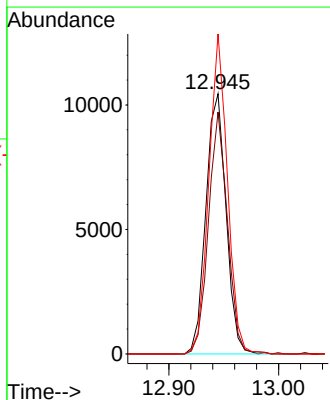
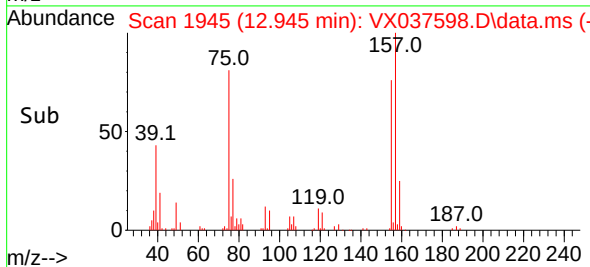
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

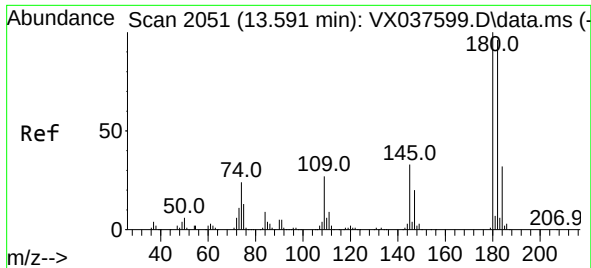


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.083 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54



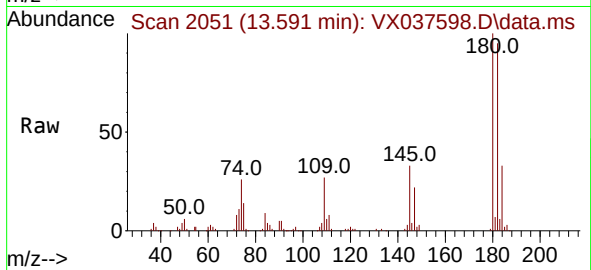
Tgt Ion: 75 Resp: 13356
Ion Ratio Lower Upper
75 100
155 87.7 36.1 108.5
157 113.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 18.964 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

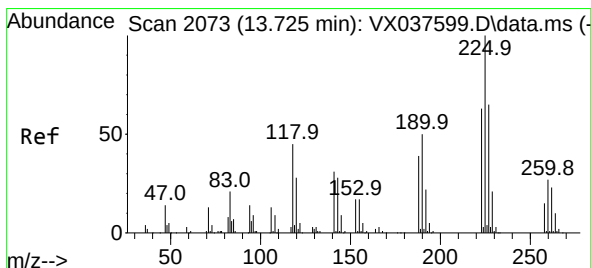
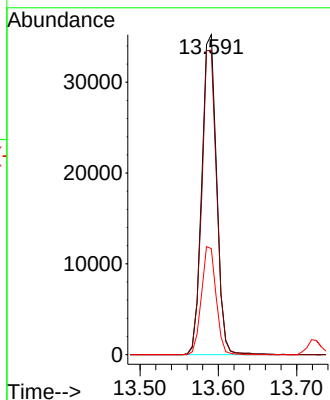
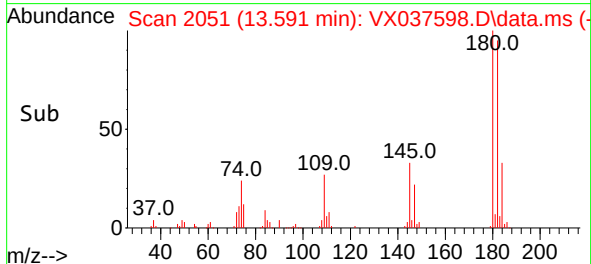
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



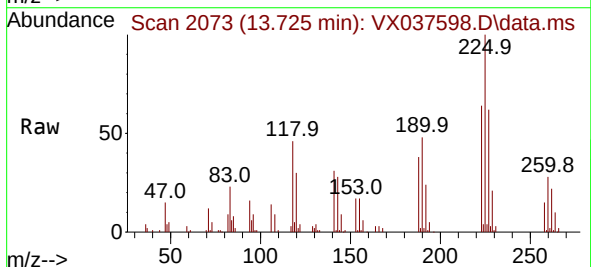
Tgt Ion:180 Resp: 46072
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.8
145 33.4 18.0 54.0

Manual Integrations
APPROVED

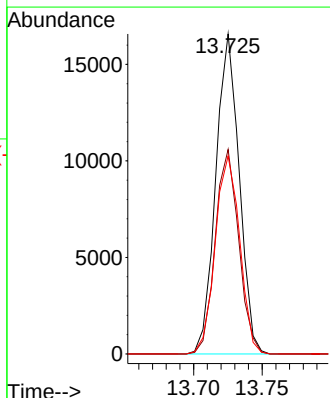
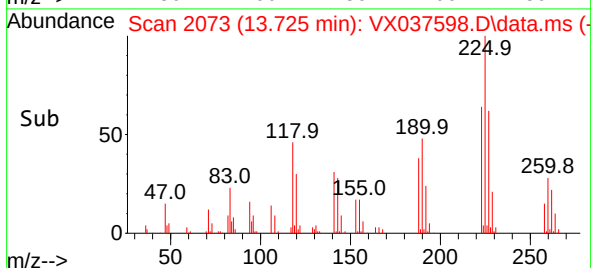
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

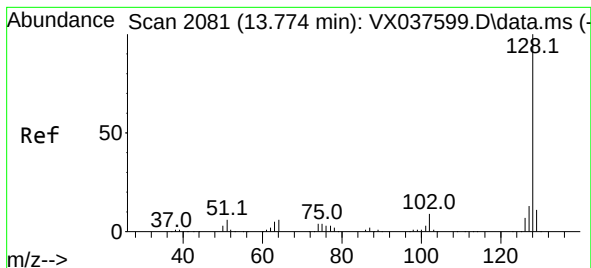


#94
Hexachlorobutadiene
Concen: 18.338 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54



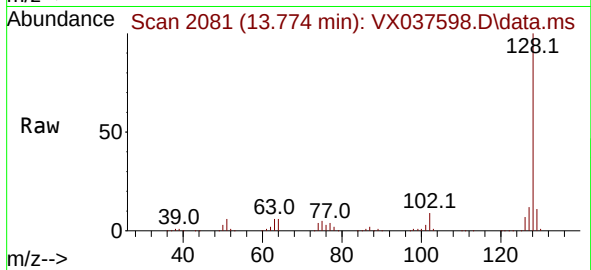
Tgt Ion:225 Resp: 19665
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.2
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 20.411 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54

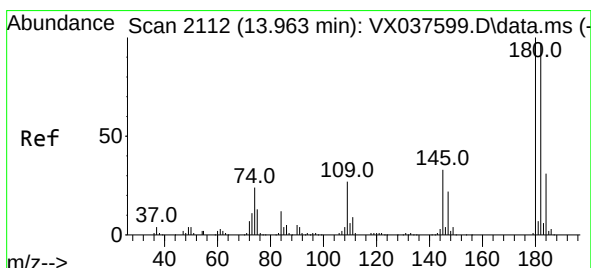
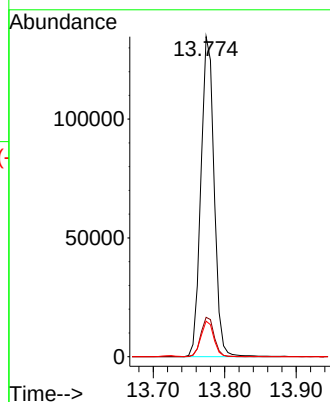
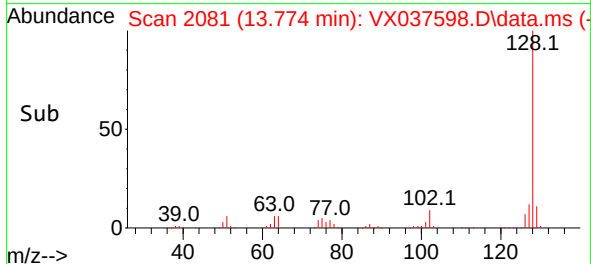
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



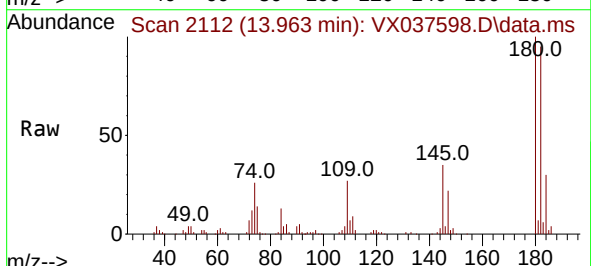
Tgt Ion:128 Resp: 173218
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.312 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037598.D
Acq: 08 Sep 2023 11:54



Tgt Ion:180 Resp: 48462
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 35.0 17.8 53.5

