

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037575.D
 Acq On : 07 Sep 2023 13:28
 Operator : JC/MD
 Sample : VX0907WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

Quant Time: Sep 08 00:43:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85085	48.718	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.440%		
35) Dibromofluoromethane	5.391	113	77677	56.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.080%		
50) Toluene-d8	8.653	98	265501	53.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.540%		
62) 4-Bromofluorobenzene	11.079	95	107853	55.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22753	16.169	ug/l	98
3) Chloromethane	1.307	50	22187	18.022	ug/l	96
4) Vinyl Chloride	1.374	62	24607	18.363	ug/l	99
5) Bromomethane	1.599	94	12042	18.040	ug/l	96
6) Chloroethane	1.678	64	16035	20.334	ug/l	96
7) Trichlorofluoromethane	1.886	101	36826	16.776	ug/l	100
8) Diethyl Ether	2.136	74	16110	18.969	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	23703	18.510	ug/l	95
10) Methyl Iodide	2.447	142	28091	18.049	ug/l	93
11) Tert butyl alcohol	2.971	59	36410	88.873	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	23005	18.448	ug/l #	76
13) Acrolein	2.239	56	29870	95.840	ug/l	99
14) Allyl chloride	2.666	41	33828	17.526	ug/l #	87
15) Acrylonitrile	3.068	53	80426	109.987	ug/l	98
16) Acetone	2.379	43	70905	103.778	ug/l #	88
17) Carbon Disulfide	2.507	76	42924	13.532	ug/l	98
18) Methyl Acetate	2.709	43	52024	20.223	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	88453	18.702	ug/l	98
20) Methylene Chloride	2.788	84	28607	18.723	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	25368	17.895	ug/l	83
22) Diisopropyl ether	3.763	45	77028	19.448	ug/l #	87
23) Vinyl Acetate	3.727	43	277495	91.425	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	47469	19.111	ug/l	96
25) 2-Butanone	4.562	43	103293	100.406	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	36551	16.478	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	31761	19.005	ug/l	86
28) Bromochloromethane	4.897	49	22049	19.872	ug/l #	72
29) Tetrahydrofuran	5.013	42	64218	97.883	ug/l #	81
30) Chloroform	5.092	83	53093	19.042	ug/l	97
31) Cyclohexane	5.470	56	33407	17.012	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	43573	17.439	ug/l	95
36) 1,1-Dichloropropene	5.696	75	32956	16.883	ug/l	97
37) Ethyl Acetate	4.721	43	37695	18.905	ug/l #	90
38) Carbon Tetrachloride	5.678	117	36472	17.201	ug/l	94
39) Methylcyclohexane	7.385	83	39058	19.045	ug/l	90
40) Benzene	6.037	78	110015	19.652	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20069	19.361	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	38918	17.727	ug/l	91
43) Isopropyl Acetate	6.342	43	58392	18.446	ug/l #	89
44) Trichloroethene	7.129	130	29222	18.408	ug/l	89
45) 1,2-Dichloropropane	7.433	63	28540	20.676	ug/l	95
46) Dibromomethane	7.586	93	21202	19.497	ug/l	93
47) Bromodichloromethane	7.824	83	39153	18.798	ug/l	99
48) Methyl methacrylate	7.696	41	27780	17.994	ug/l #	78
49) 1,4-Dioxane	7.665	88	17353	417.363	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	202106	105.139	ug/l	89
52) Toluene	8.720	92	72614	19.631	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	37664	16.983	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	42565	17.761	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	32612	21.652	ug/l	98
56) Ethyl methacrylate	9.116	69	46446	19.687	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	51861	20.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	100950	89.165	ug/l	92
59) 2-Hexanone	9.433	43	153652	104.833	ug/l	85
60) Dibromochloromethane	9.525	129	31673	19.751	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32888	19.943	ug/l	98
64) Tetrachloroethene	9.275	164	23469	16.555	ug/l	96
65) Chlorobenzene	10.079	112	79480	19.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30217	19.933	ug/l	99
67) Ethyl Benzene	10.195	91	135156	18.701	ug/l	99
68) m/p-Xylenes	10.305	106	104716	37.520	ug/l	97
69) o-Xylene	10.646	106	52779	19.167	ug/l	99
70) Styrene	10.658	104	89305	19.689	ug/l	95
71) Bromoform	10.799	173	22197	19.576	ug/l #	98
73) Isopropylbenzene	10.963	105	137417	19.028	ug/l	98
74) N-amyl acetate	10.847	43	50085	17.849	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	51265	21.078	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	41224m	19.482	ug/l	
77) Bromobenzene	11.201	156	34288	19.440	ug/l	90
78) n-propylbenzene	11.305	91	151735	18.869	ug/l	99
79) 2-Chlorotoluene	11.366	91	97768	19.025	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	117674	19.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12454	16.439	ug/l	93
82) 4-Chlorotoluene	11.457	91	109569	18.471	ug/l	98
83) tert-Butylbenzene	11.713	119	119907	20.871	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	117046	19.224	ug/l	96
85) sec-Butylbenzene	11.890	105	143806	21.429	ug/l	98
86) p-Isopropyltoluene	12.012	119	120134	20.796	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62591	18.955	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	62017	18.178	ug/l	99
89) n-Butylbenzene	12.335	91	95004	19.836	ug/l	99
90) Hexachloroethane	12.542	117	19886	20.624	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	64289	19.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10730	18.987	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	36482	19.282	ug/l	96
94) Hexachlorobutadiene	13.725	225	16217	22.187	ug/l	98
95) Naphthalene	13.774	128	130981	15.804	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37938	20.183	ug/l	99

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Response via : Initial Calibration

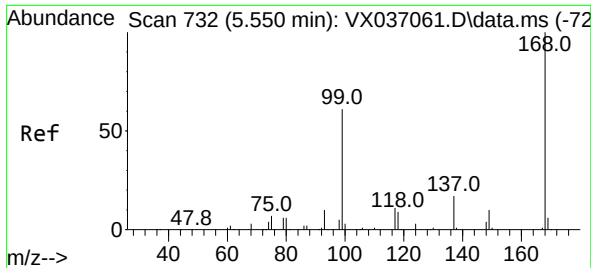
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

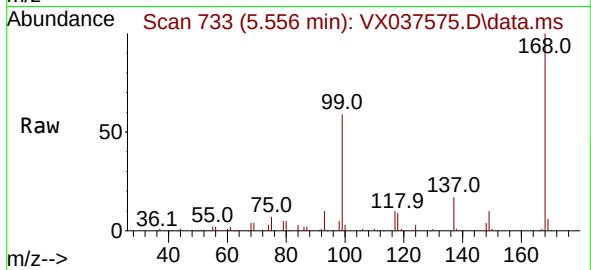
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037575.D
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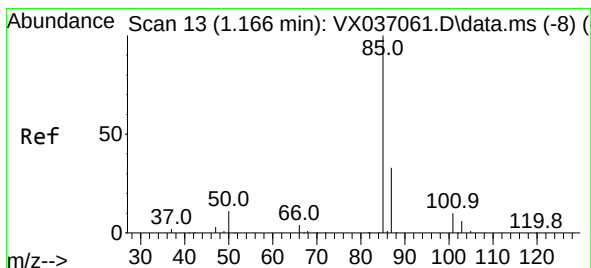
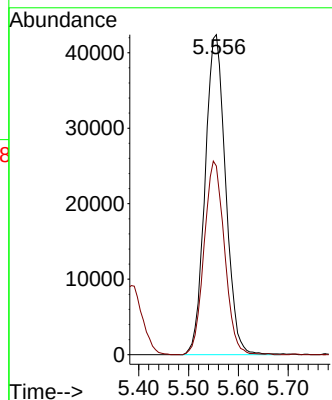
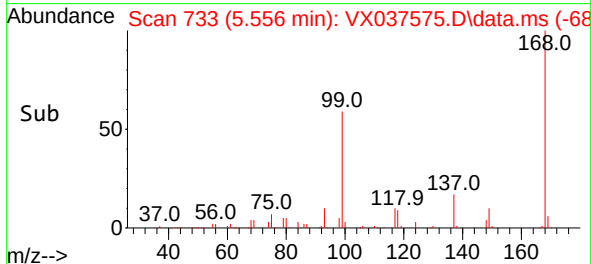
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 12114
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

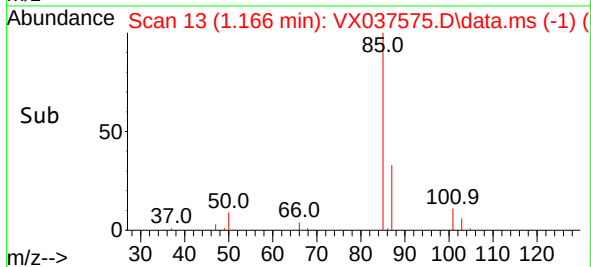
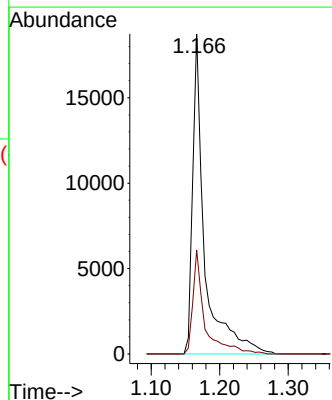
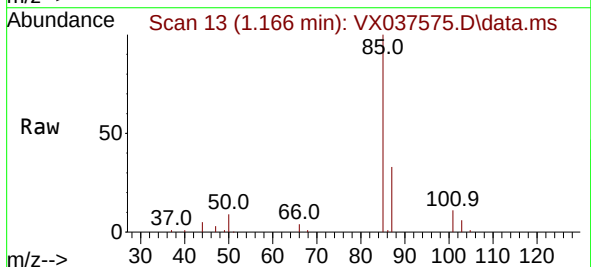
Manual Integrations
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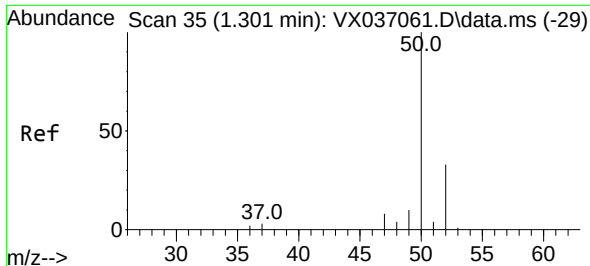
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#2
Dichlorodifluoromethane
Concen: 16.169 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 85 Resp: 22753
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





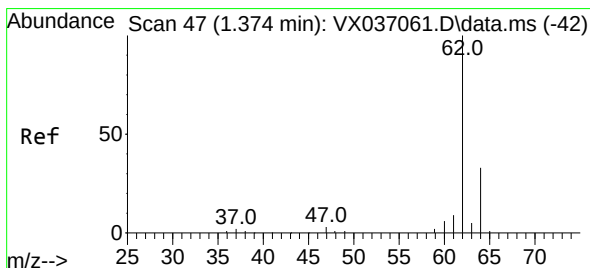
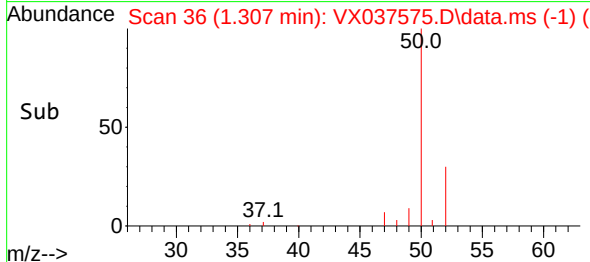
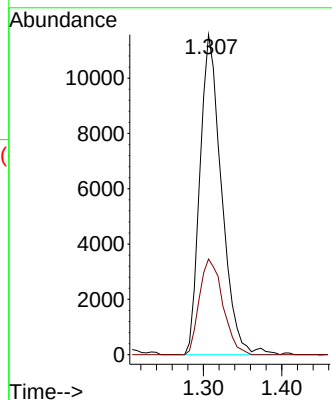
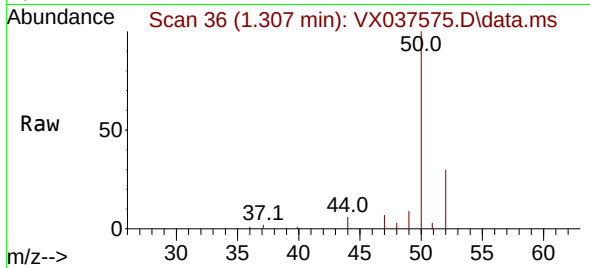
#3
Chloromethane
Concen: 18.022 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 50 Resp: 2218
Ion Ratio Lower Upper
50 100
52 29.9 25.5 38.3

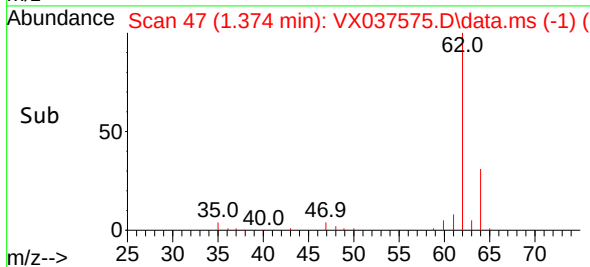
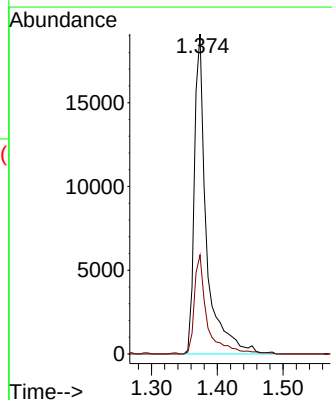
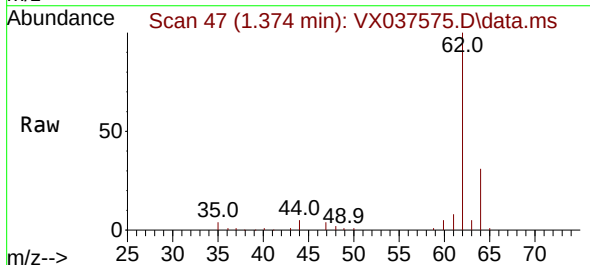
Manual Integrations
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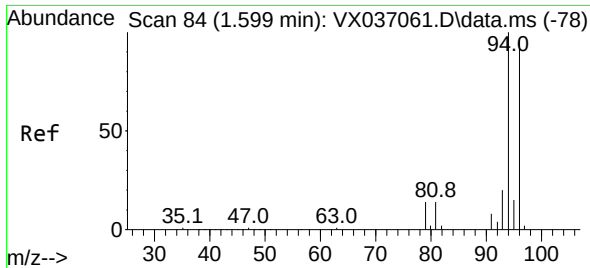
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#4
Vinyl Chloride
Concen: 18.363 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

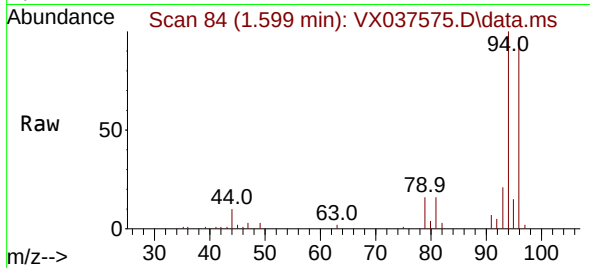
Tgt Ion: 62 Resp: 24607
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
Bromomethane
Concen: 18.040 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

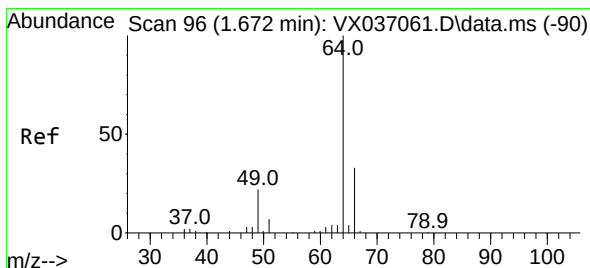
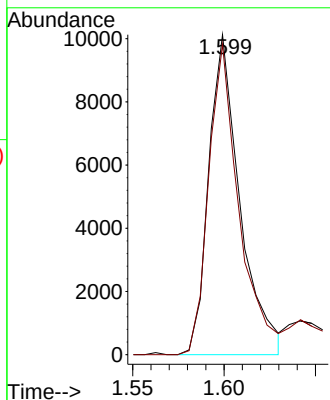
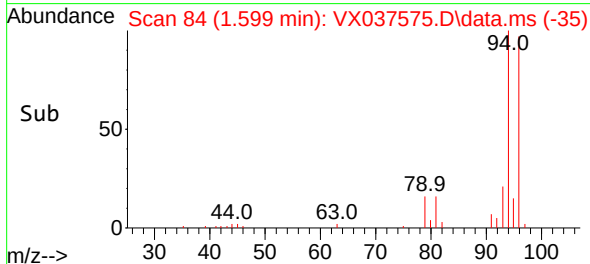
Instrument :
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Tgt Ion: 94 Resp: 1204
Ion Ratio Lower Upper
94 100
96 97.0 74.6 111.8

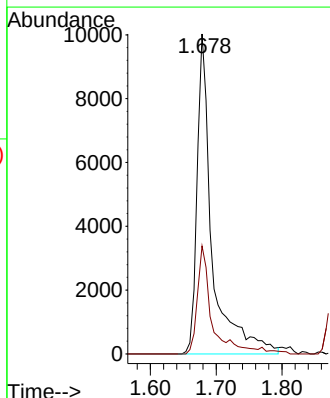
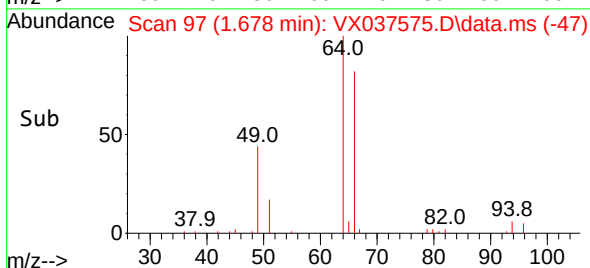
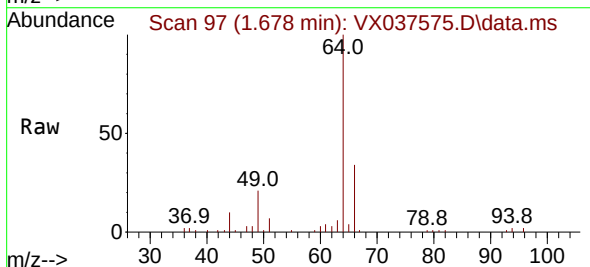
Manual Integrations
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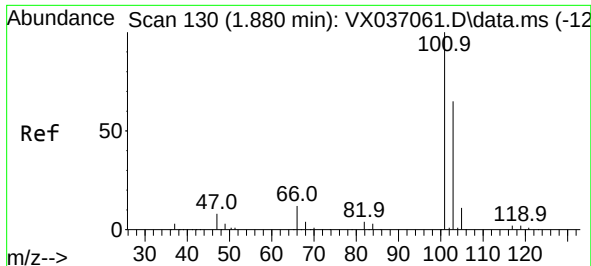
Reviewed By :John Carlone 09/08/2023
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#6
Chloroethane
Concen: 20.334 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX037575.D
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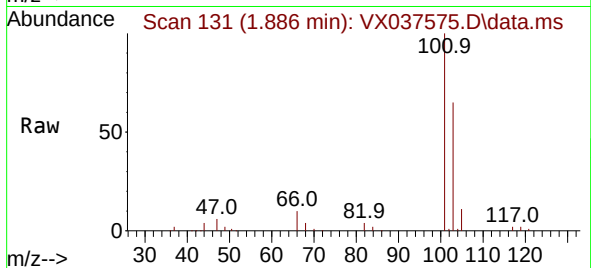
Tgt Ion: 64 Resp: 16035
Ion Ratio Lower Upper
64 100
66 33.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 16.776 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

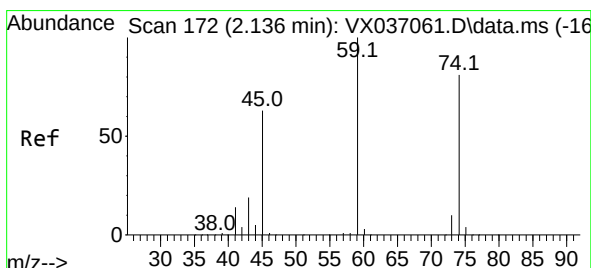
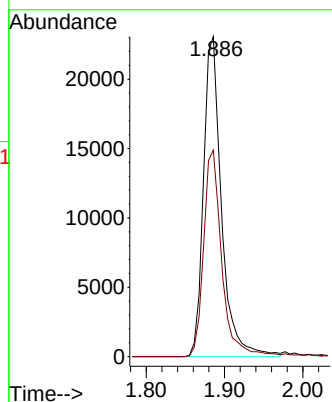
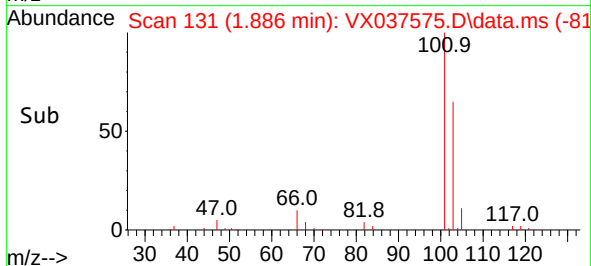
Instrument :
MSVOA_X
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VX0907WBSD01



Tgt Ion:101 Resp: 36820
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

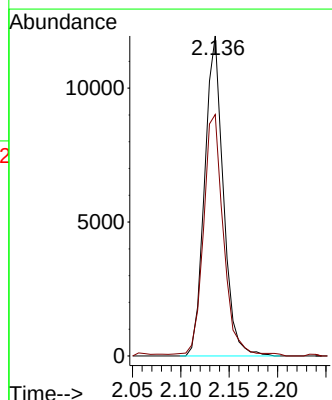
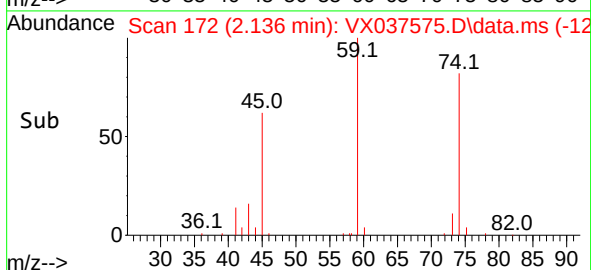
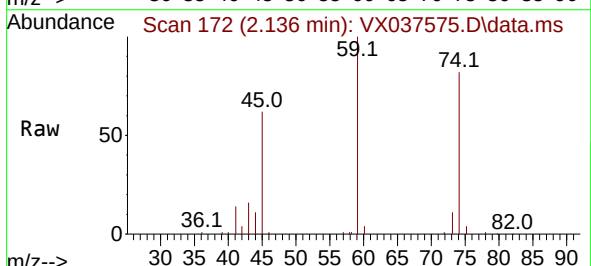
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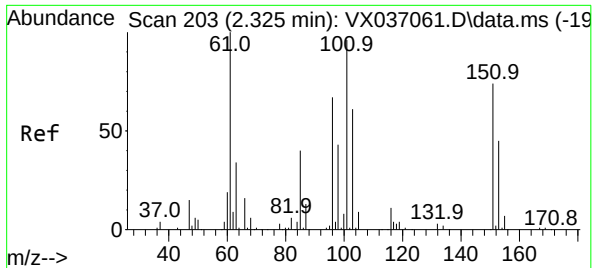
Reviewed By :John Carlone 09/08/2023
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#8
Diethyl Ether
Concen: 18.969 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 16110
Ion Ratio Lower Upper
74 100
45 81.2 53.3 159.8





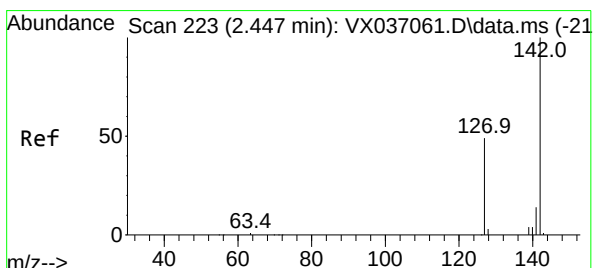
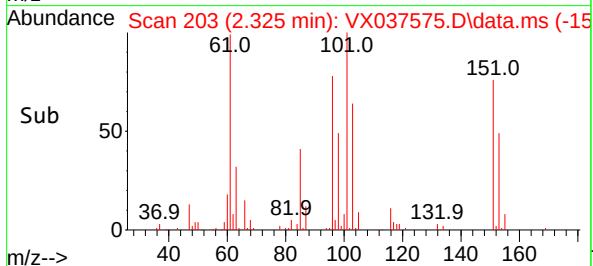
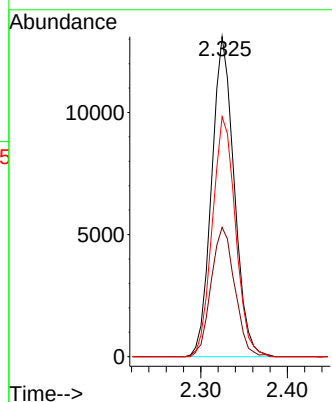
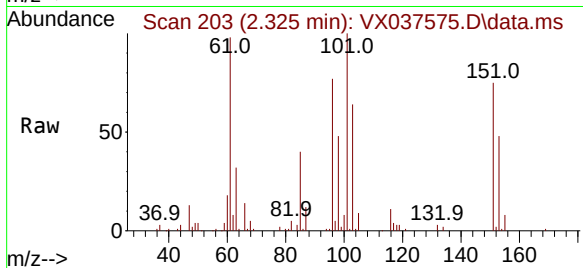
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.510 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion:101 Resp: 2370
Ion Ratio Lower Upper
101 100
85 42.5 37.0 55.6
151 77.0 58.6 87.8

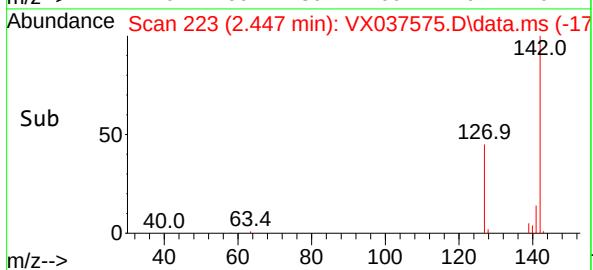
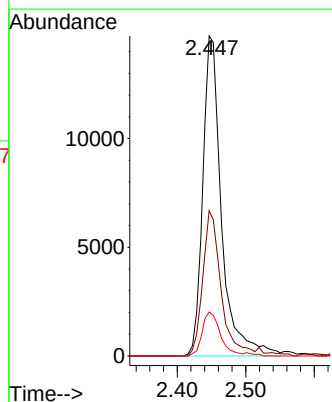
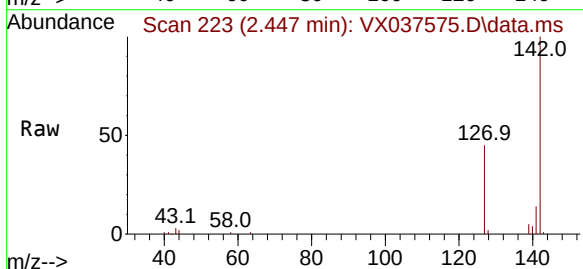
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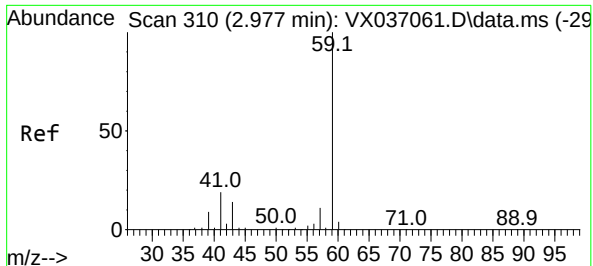
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
Methyl Iodide
Concen: 18.049 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion:142 Resp: 28091
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 88.873 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 59 Resp: 36410

Ion Ratio Lower Upper

59 100

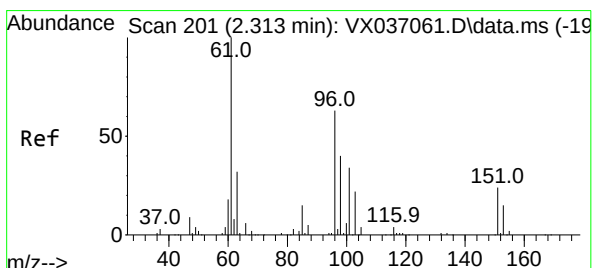
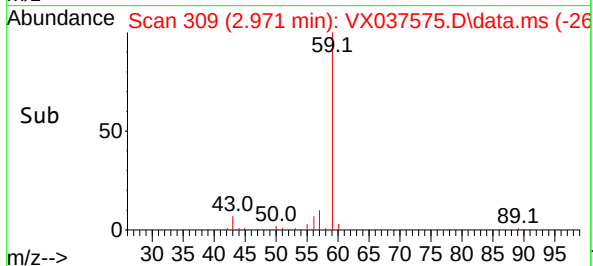
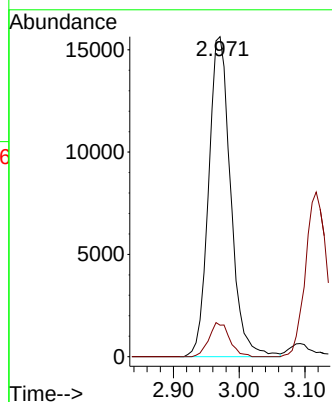
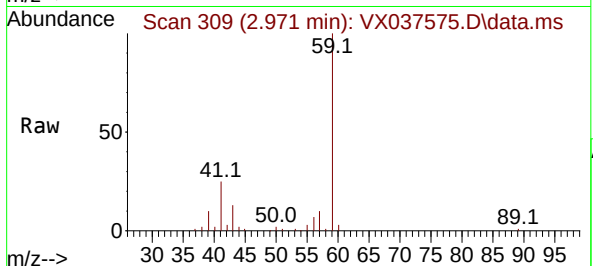
57 9.9 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#12

1,1-Dichloroethene

Concen: 18.448 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

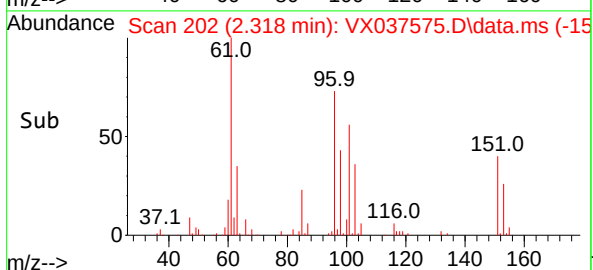
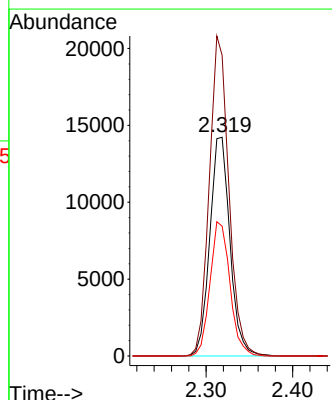
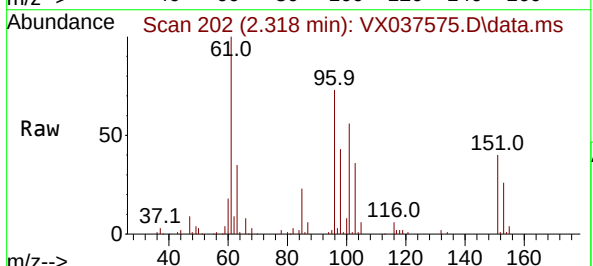
Tgt Ion: 96 Resp: 23005

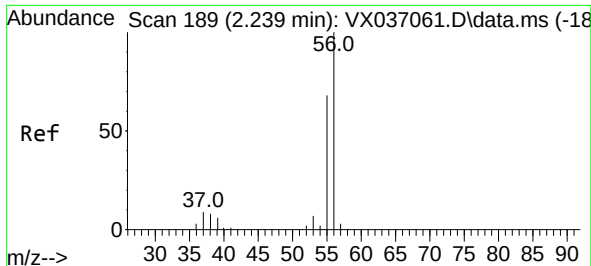
Ion Ratio Lower Upper

96 100

61 137.5 144.6 216.8

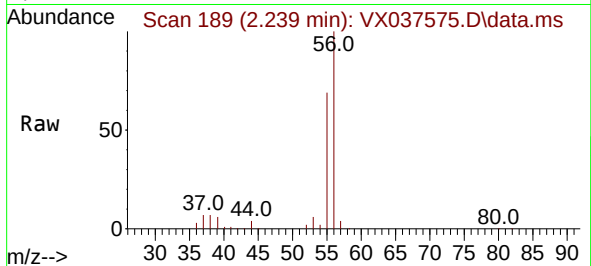
98 59.3 50.4 75.6





#13
Acrolein
Concen: 95.840 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

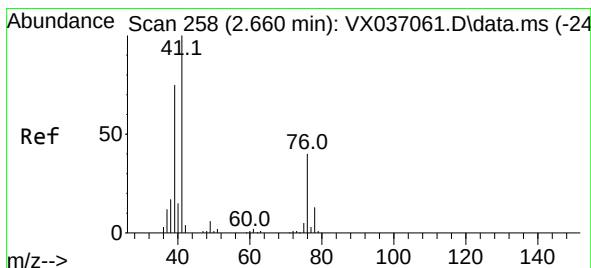
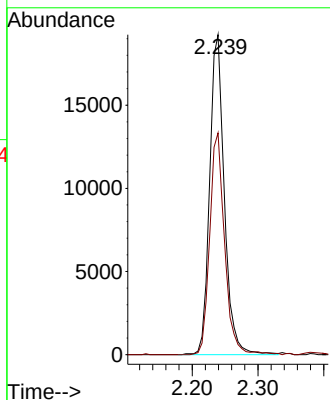
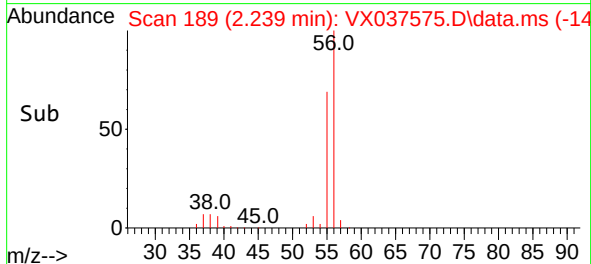
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion: 56 Resp: 29870
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

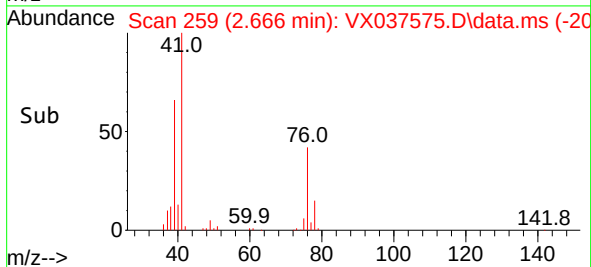
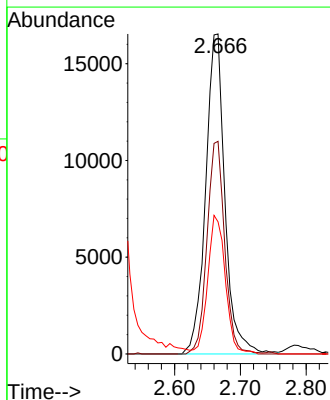
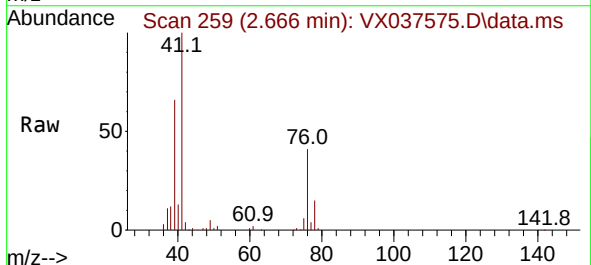
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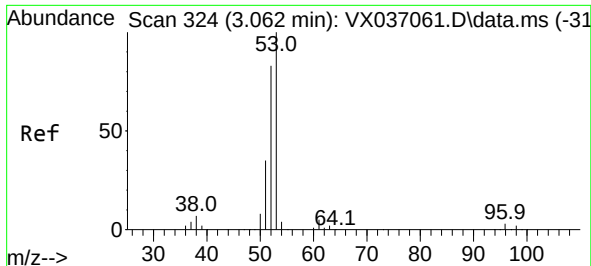
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#14
Allyl chloride
Concen: 17.526 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 41 Resp: 33828
Ion Ratio Lower Upper
41 100
39 60.8 55.8 83.6
76 39.6 24.3 36.5





#15

Acrylonitrile

Concen: 109.987 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

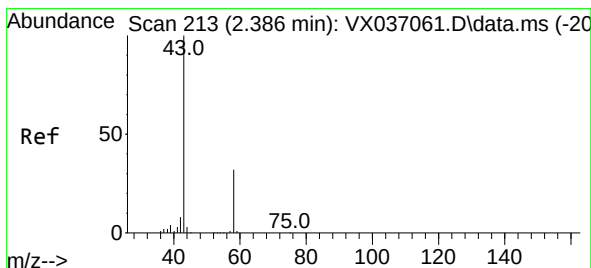
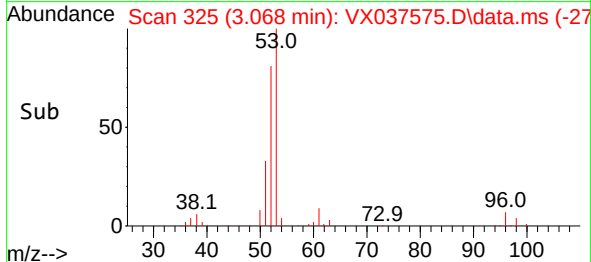
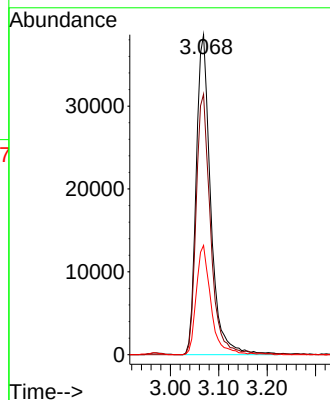
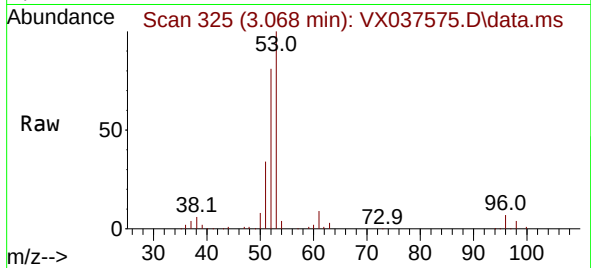
Tgt Ion: 53	Resp: 80420
Ion Ratio	Lower Upper
53	100
52	81.3 66.0 99.0
51	34.3 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#16

Acetone

Concen: 103.778 ug/l

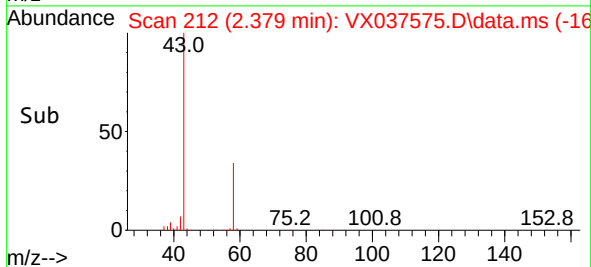
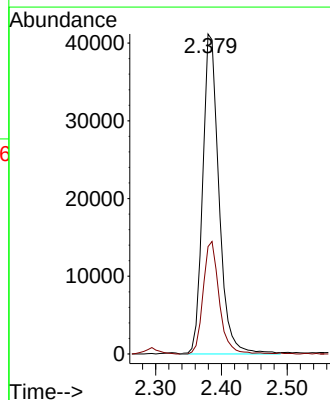
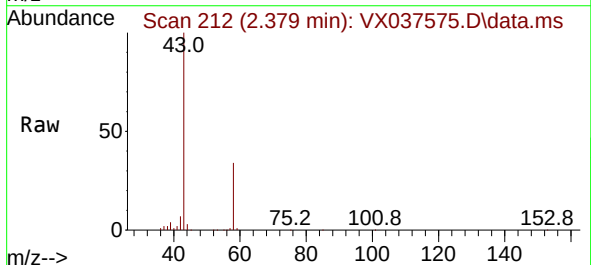
RT: 2.379 min Scan# 212

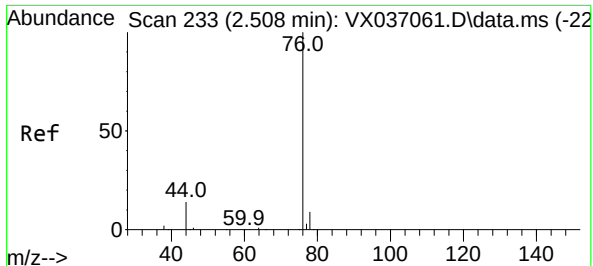
Delta R.T. -0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion: 43	Resp: 70905
Ion Ratio	Lower Upper
43	100
58	33.6 21.9 32.9





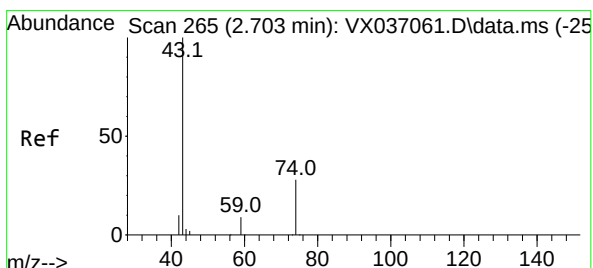
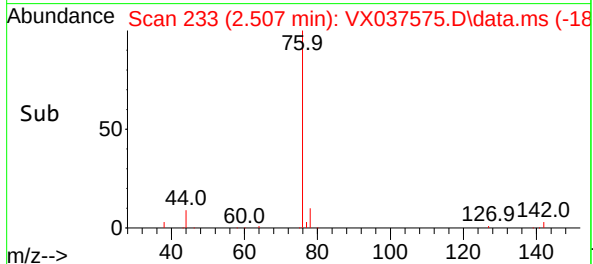
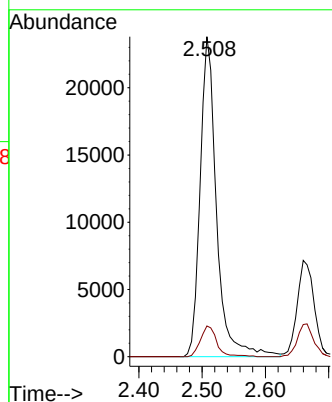
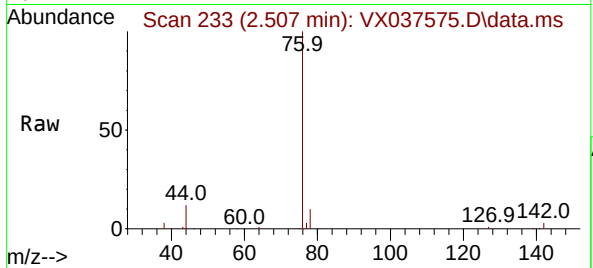
#17
Carbon Disulfide
Concen: 13.532 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 76 Resp: 42924
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

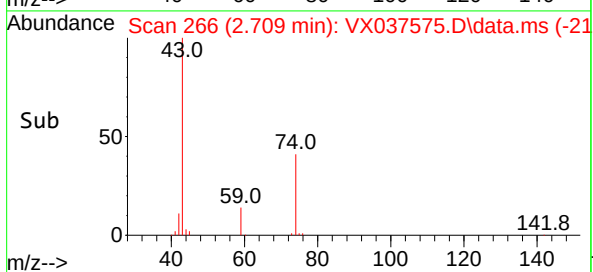
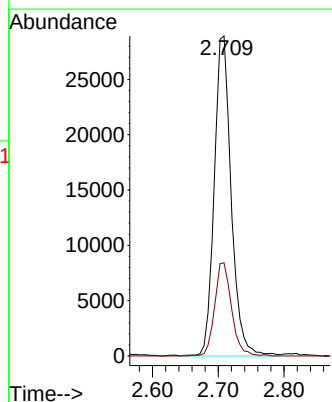
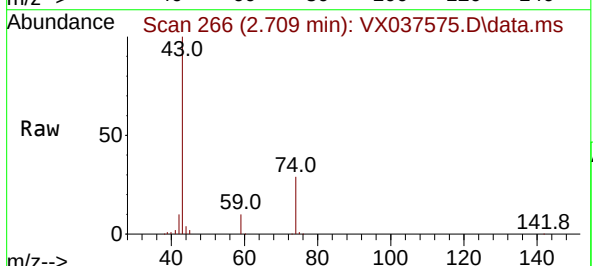
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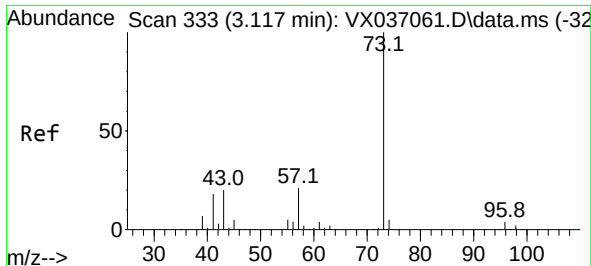
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#18
Methyl Acetate
Concen: 20.223 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 43 Resp: 52024
Ion Ratio Lower Upper
43 100
74 29.0 17.8 26.8#





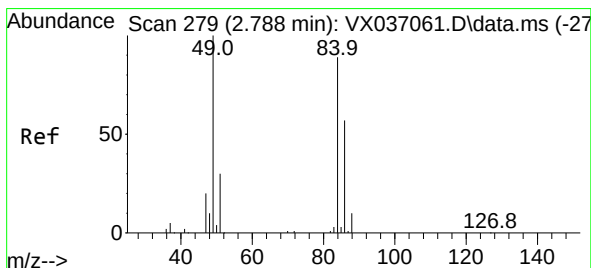
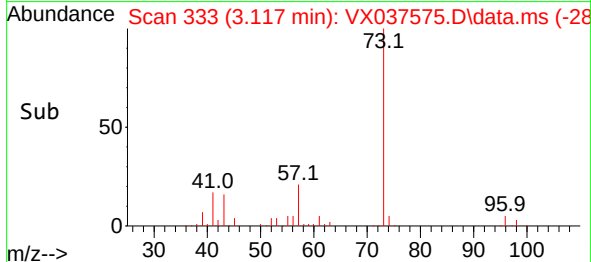
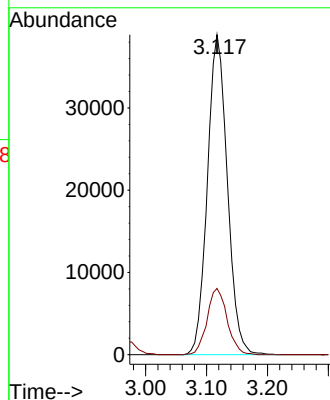
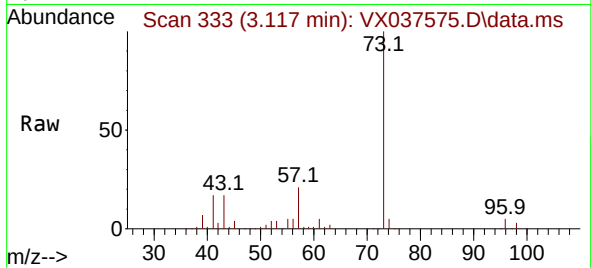
#19
Methyl tert-butyl Ether
Concen: 18.702 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 73 Resp: 8845
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

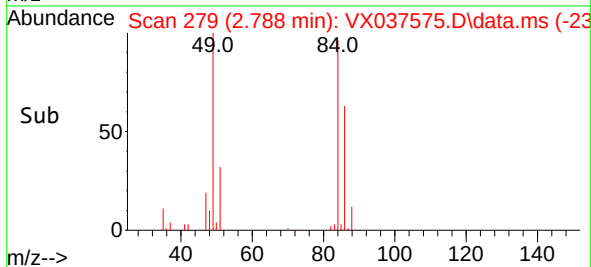
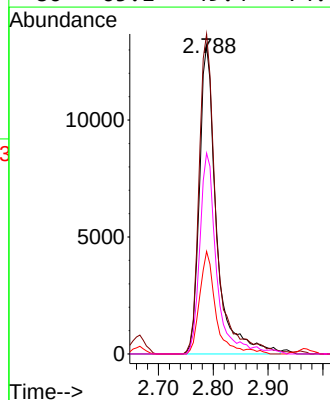
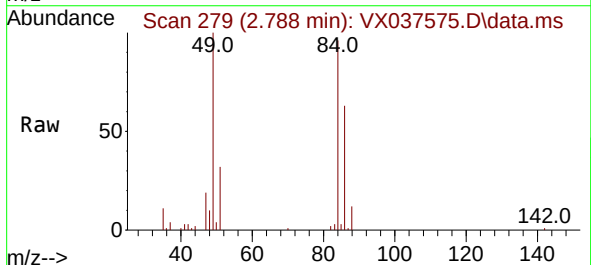
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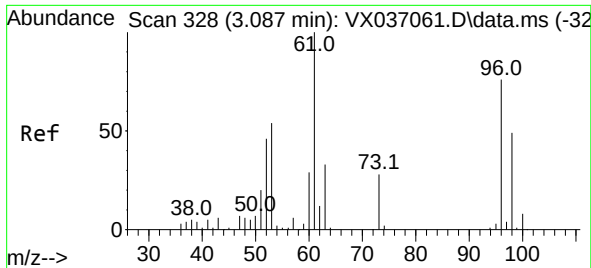
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Methylene Chloride
Concen: 18.723 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

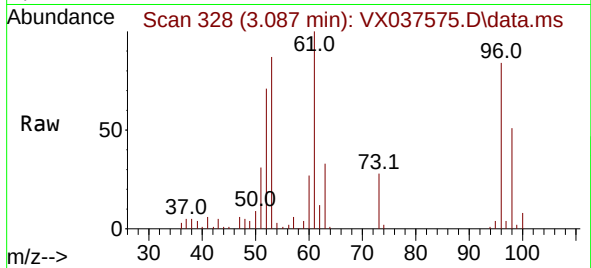
Tgt Ion: 84 Resp: 28607
Ion Ratio Lower Upper
84 100
49 103.8 103.6 155.4
51 33.3 33.8 50.6#
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.895 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

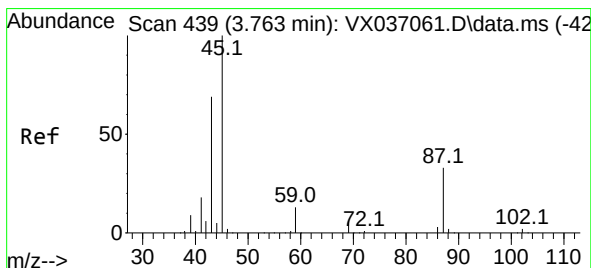
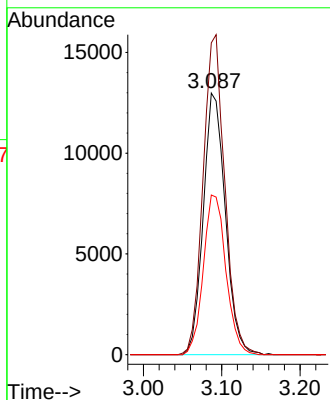
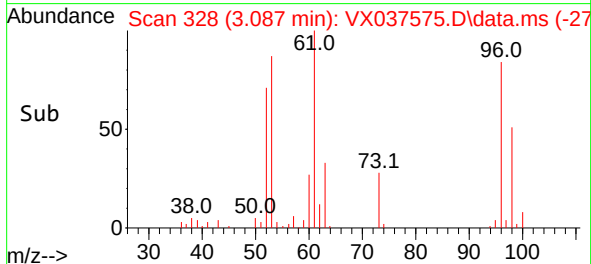
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



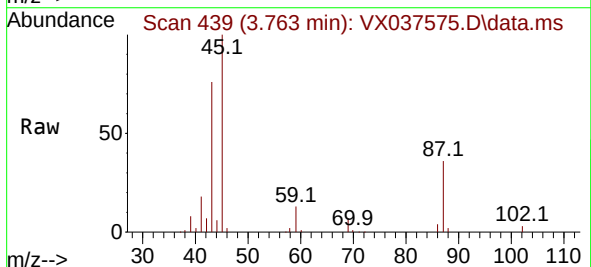
Tgt Ion: 96 Resp: 2536
Ion Ratio Lower Upper
96 100
61 119.2 119.2 178.8
98 61.0 48.7 73.1

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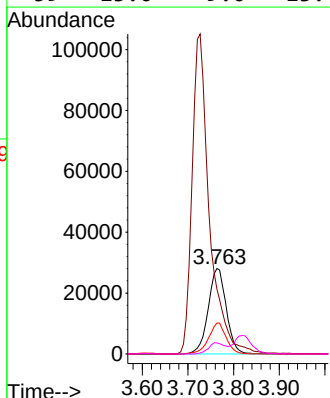
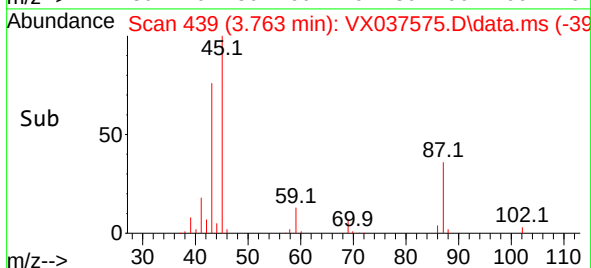
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

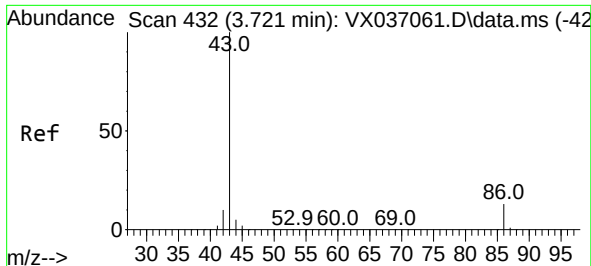


#22
Diisopropyl ether
Concen: 19.448 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28



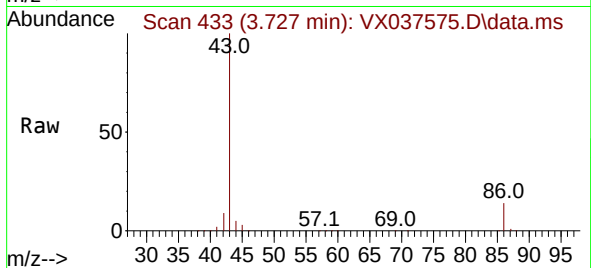
Tgt Ion: 45 Resp: 77028
Ion Ratio Lower Upper
45 100
43 75.5 69.7 104.5
87 36.2 20.8 31.2#
59 13.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 91.425 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037575.D
 Acq: 07 Sep 2023 13:28

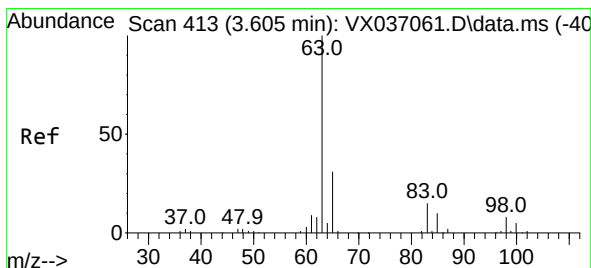
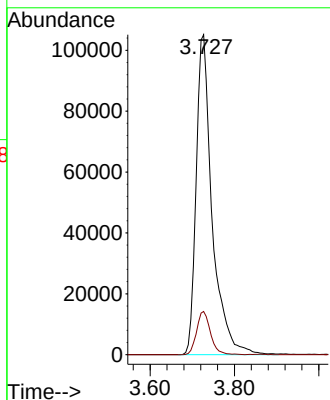
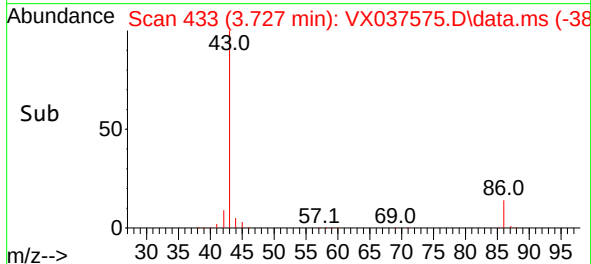
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01



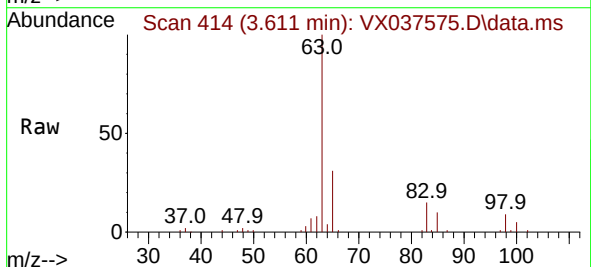
Tgt Ion: 43 Resp: 27749
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.8 11.8

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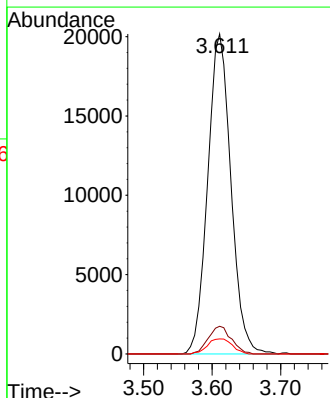
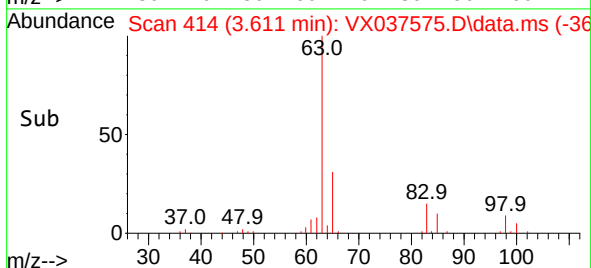
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

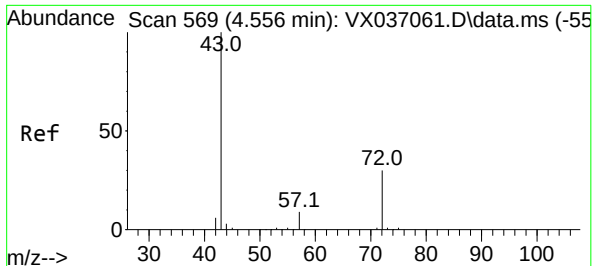


#24
 1,1-Dichloroethane
 Concen: 19.111 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037575.D
 Acq: 07 Sep 2023 13:28



Tgt Ion: 63 Resp: 47469
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 100.406 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 43 Resp: 10329

Ion Ratio Lower Upper

43 100

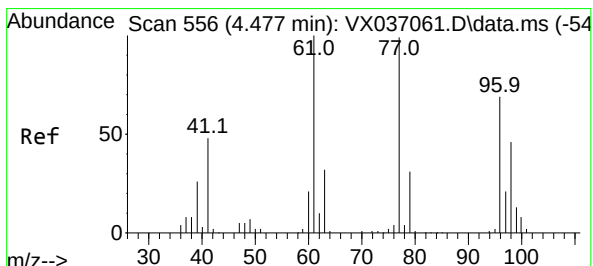
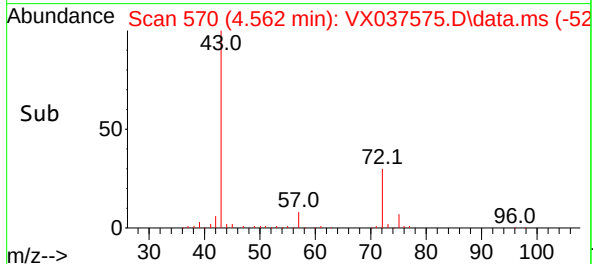
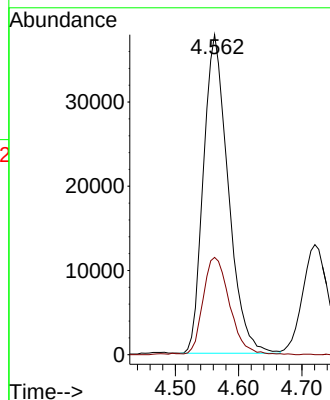
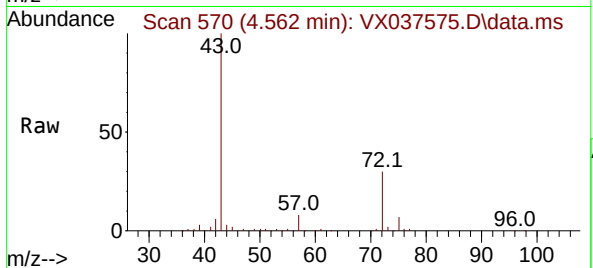
72 30.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#26

2,2-Dichloropropane

Concen: 16.478 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037575.D

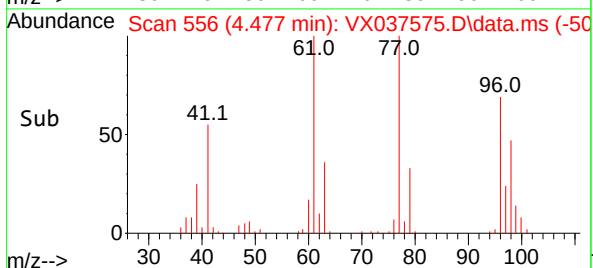
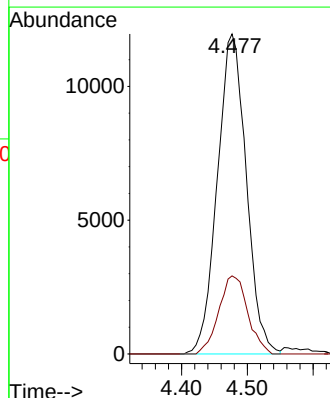
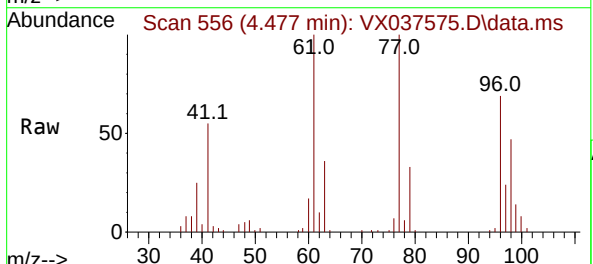
Acq: 07 Sep 2023 13:28

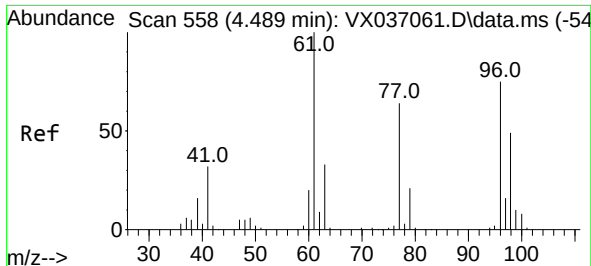
Tgt Ion: 77 Resp: 36551

Ion Ratio Lower Upper

77 100

97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.005 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 96 Resp: 3176

Ion Ratio Lower Upper

96 100

61 131.9 0.0 312.2

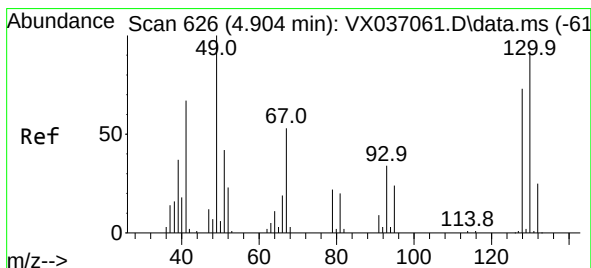
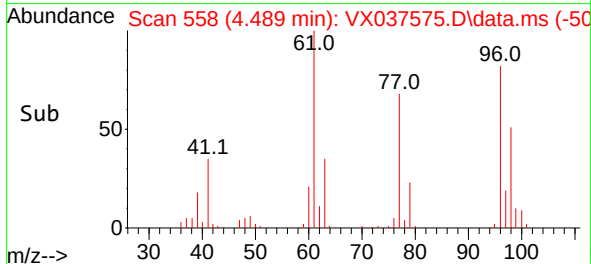
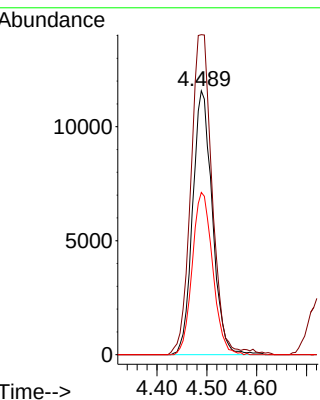
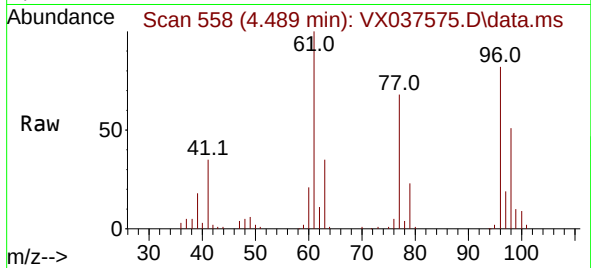
98 63.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#28

Bromochloromethane

Concen: 19.872 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

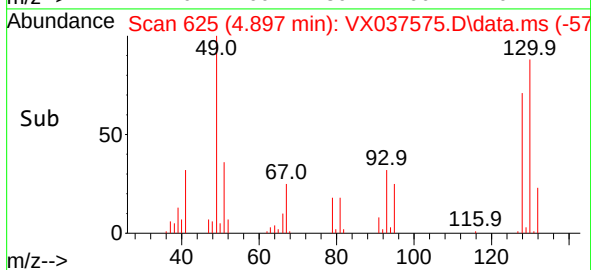
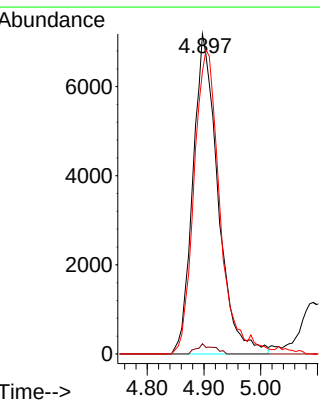
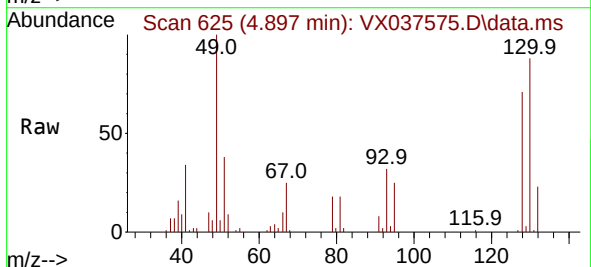
Tgt Ion: 49 Resp: 22049

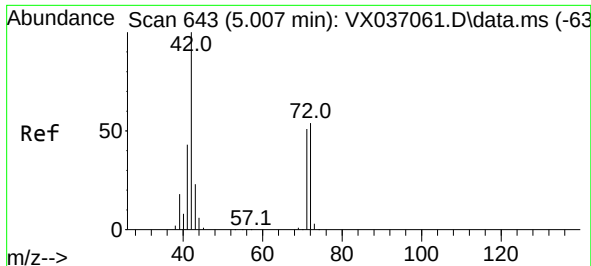
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 95.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 97.883 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 42 Resp: 64218

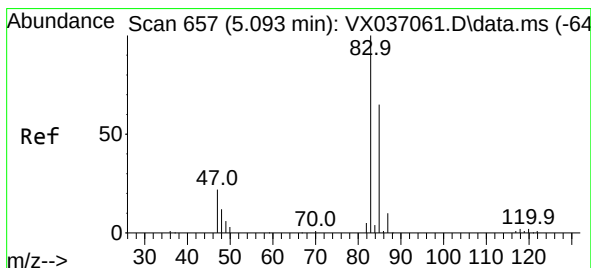
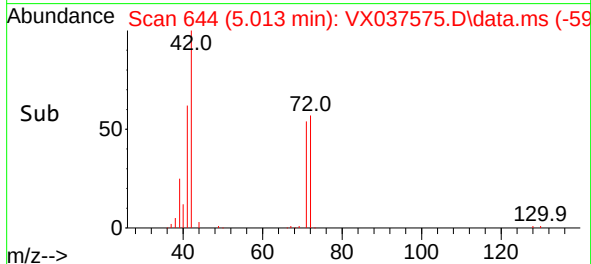
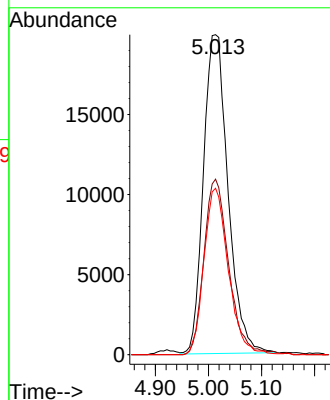
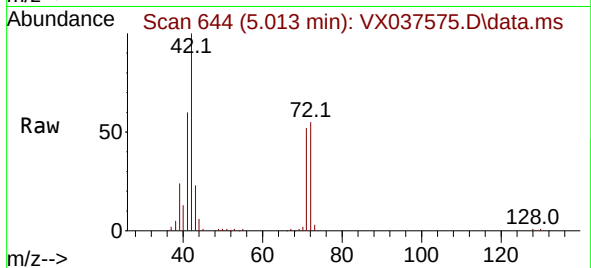
Ion	Ratio	Lower	Upper
42	100		
72	55.7	34.2	51.4
71	51.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

Chloroform

Concen: 19.042 ug/l

RT: 5.092 min Scan# 657

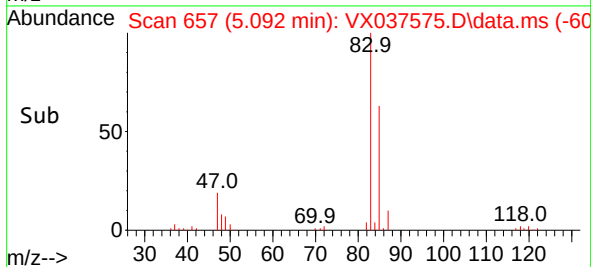
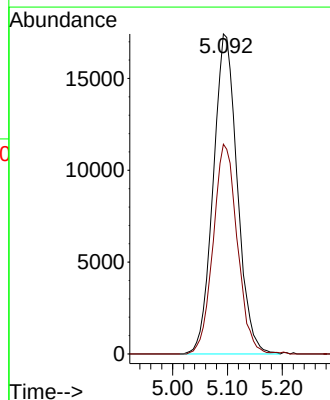
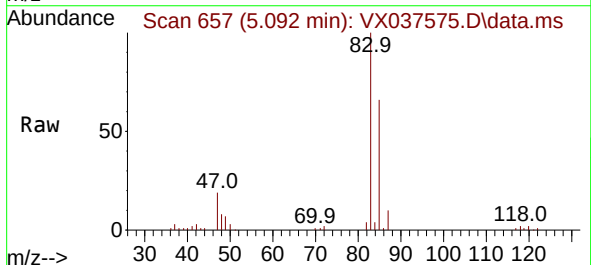
Delta R.T. -0.000 min

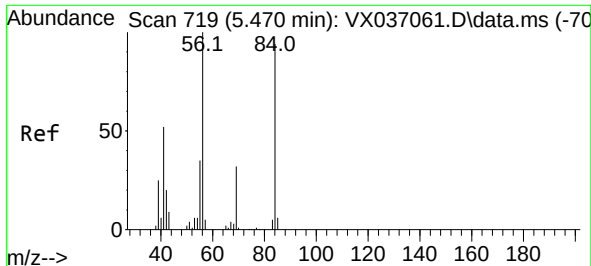
Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion: 83 Resp: 53093

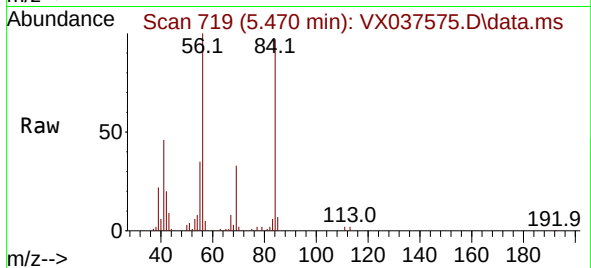
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5





#31
Cyclohexane
Concen: 17.012 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

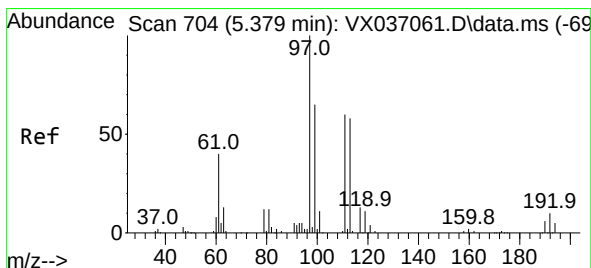
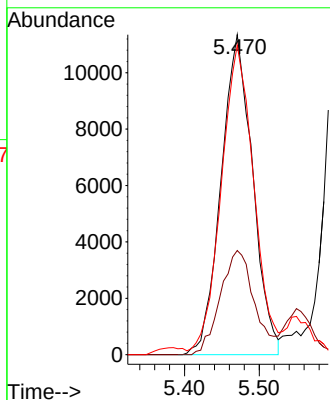
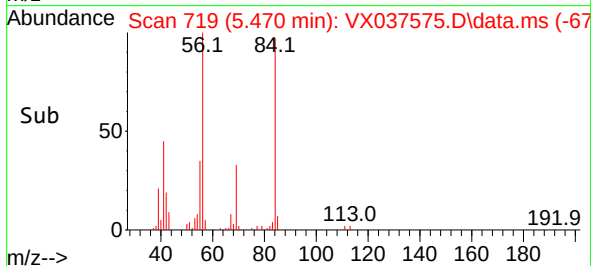
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion: 56 Resp: 3340
Ion Ratio Lower Upper
56 100
69 32.5 23.4 35.2
84 94.9 65.9 98.9

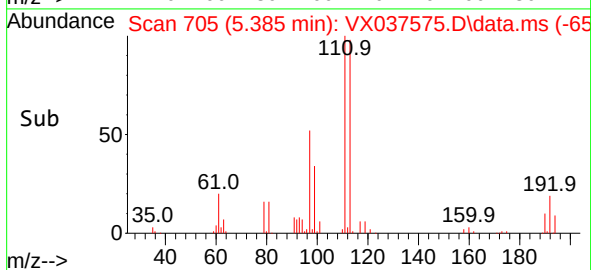
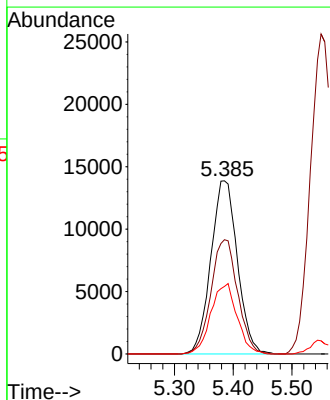
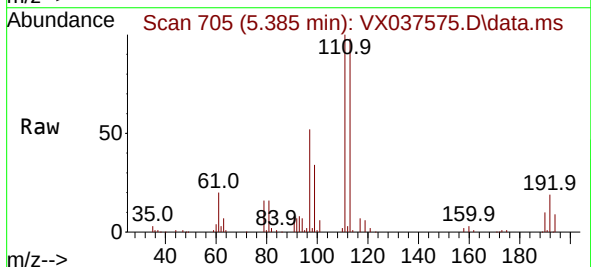
Manual Integrations
APPROVED

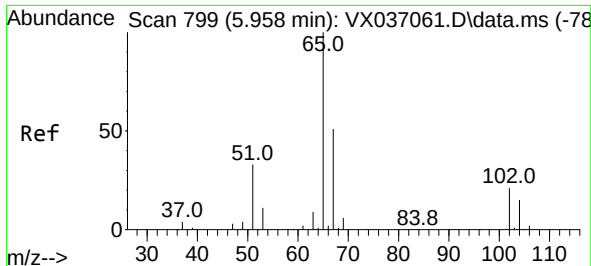
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#32
1,1,1-Trichloroethane
Concen: 17.439 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 97 Resp: 43573
Ion Ratio Lower Upper
97 100
99 66.2 51.1 76.7
61 40.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.718 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 65 Resp: 85085

Ion Ratio Lower Upper

65 100

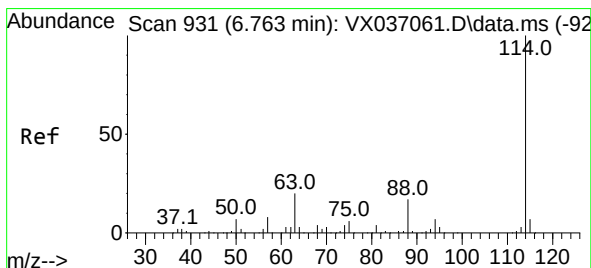
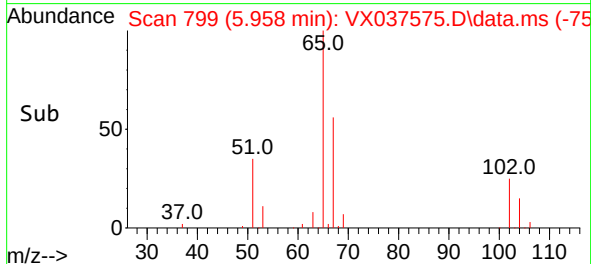
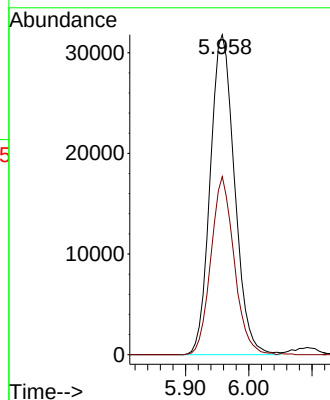
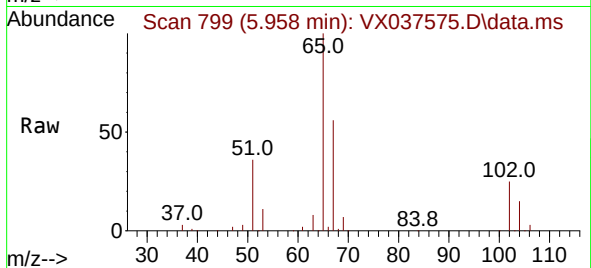
67 53.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

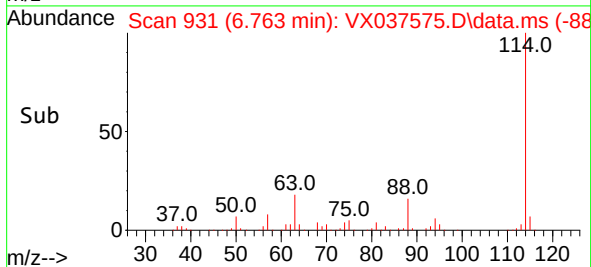
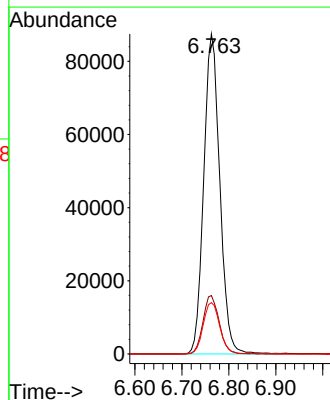
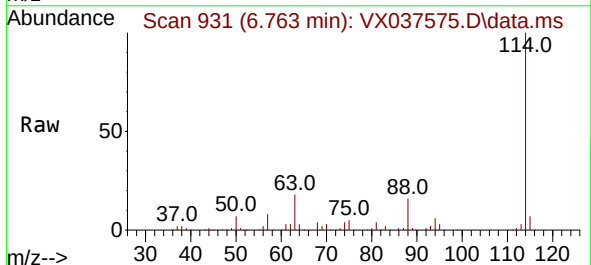
Tgt Ion:114 Resp: 207455

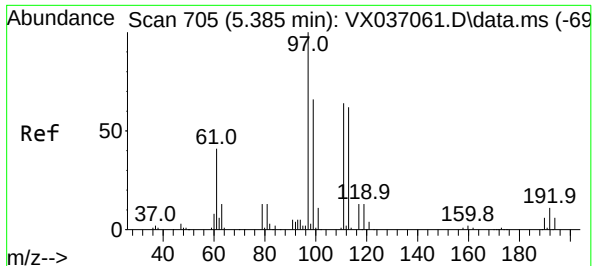
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 56.537 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

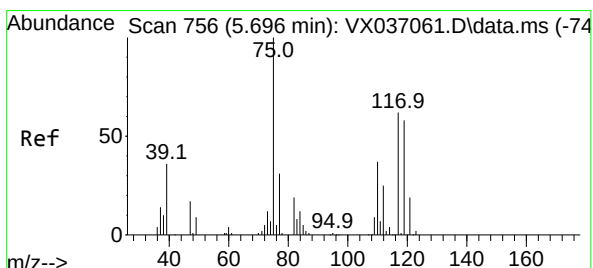
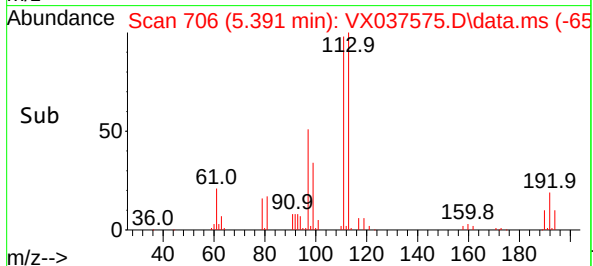
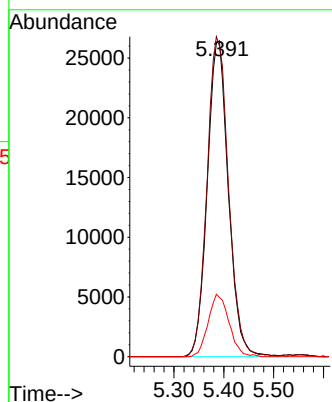
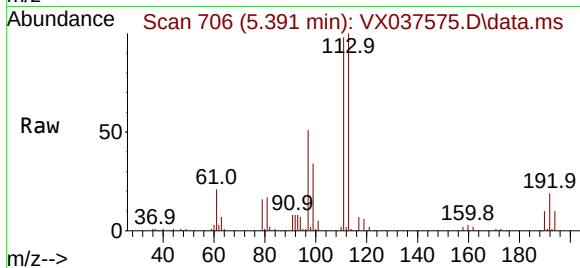
Tgt Ion:	113	Resp:	7767
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#36

1,1-Dichloropropene

Concen: 16.883 ug/l

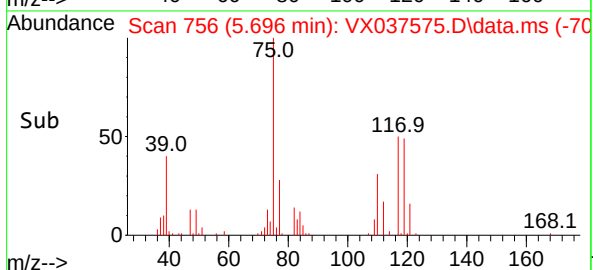
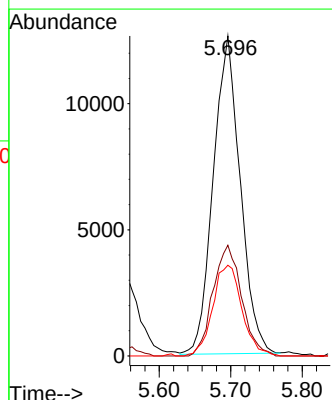
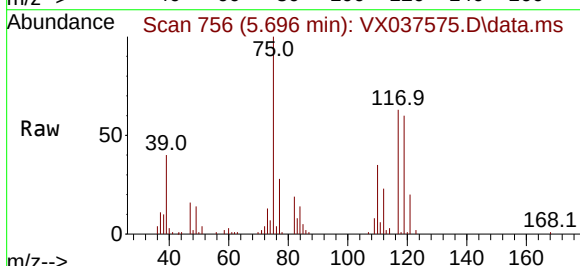
RT: 5.696 min Scan# 756

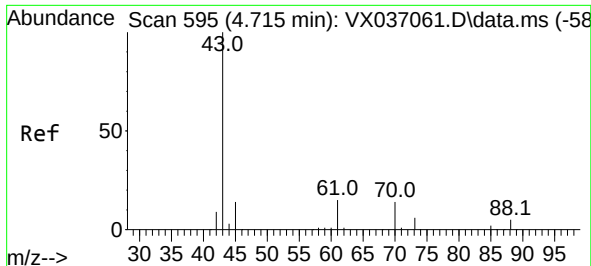
Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion:	75	Resp:	32956
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	30.9	24.7	37.1





#37

Ethyl Acetate

Concen: 18.905 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 43 Resp: 3769

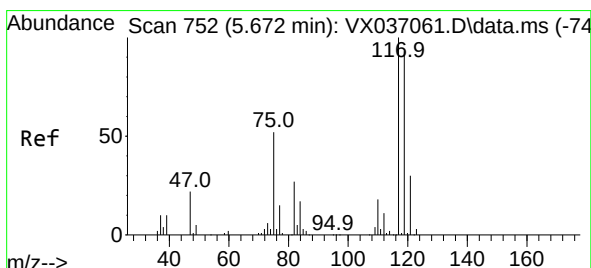
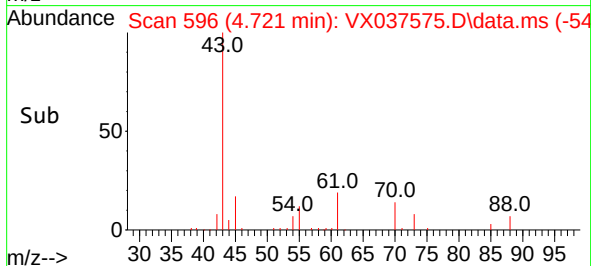
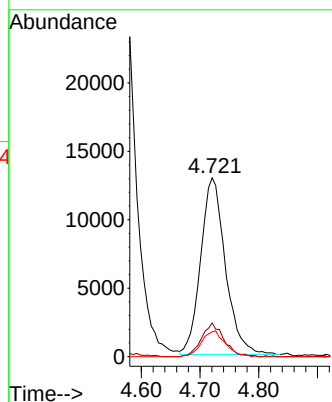
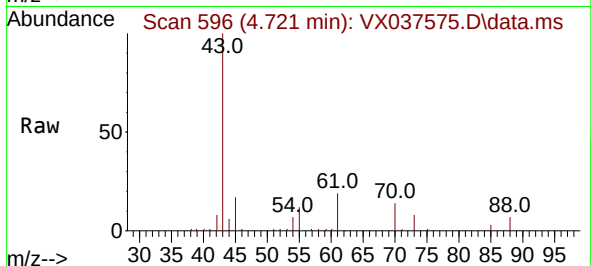
Ion	Ratio	Lower	Upper
43	100		
61	17.3	10.6	16.0
70	14.1	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Carbon Tetrachloride

Concen: 17.201 ug/l

RT: 5.678 min Scan# 753

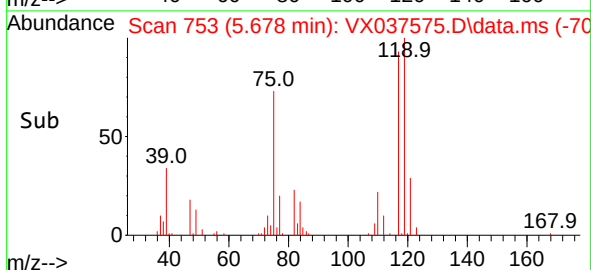
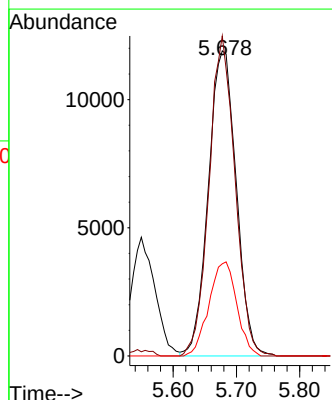
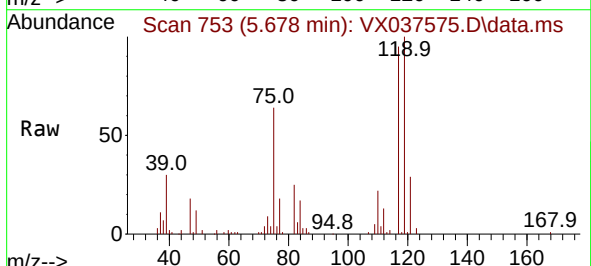
Delta R.T. 0.006 min

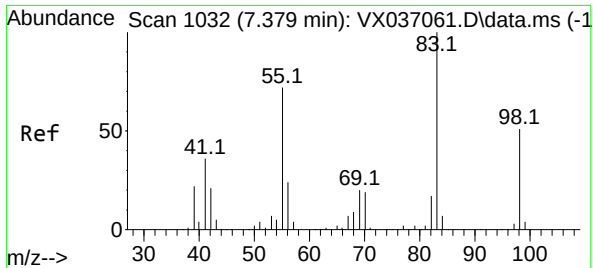
Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion:117 Resp: 36472

Ion	Ratio	Lower	Upper
117	100		
119	104.9	78.2	117.2
121	30.2	24.4	36.6





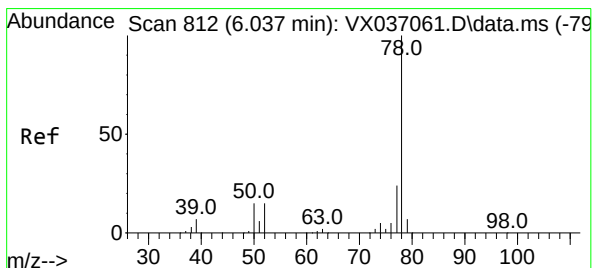
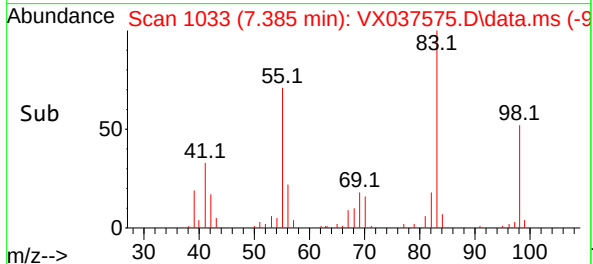
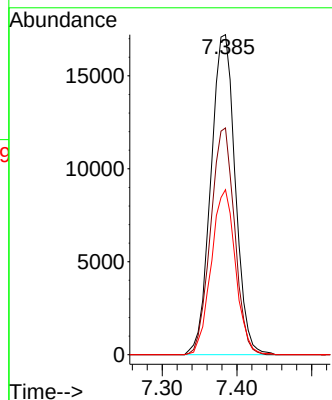
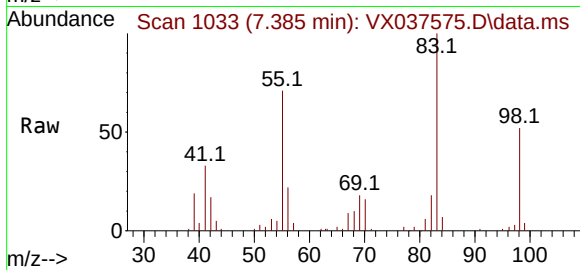
#39
Methylcyclohexane
Concen: 19.045 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 83 Resp: 39058
Ion Ratio Lower Upper
83 100
55 70.9 64.6 97.0
98 51.5 36.7 55.1

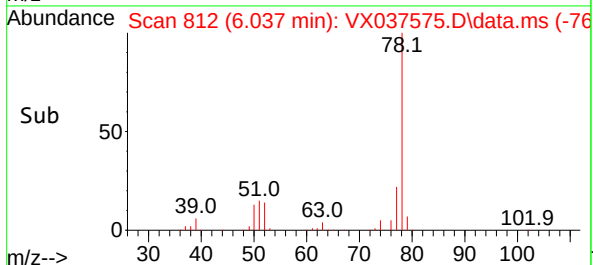
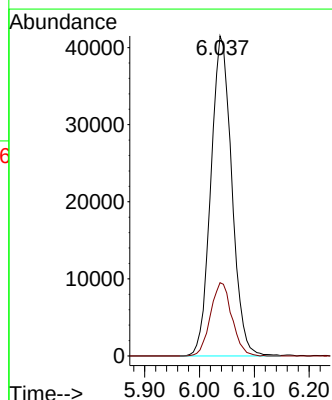
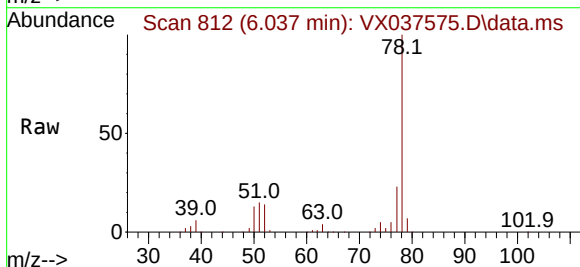
Manual Integrations
APPROVED

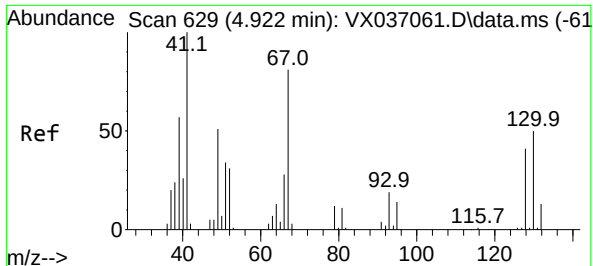
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#40
Benzene
Concen: 19.652 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

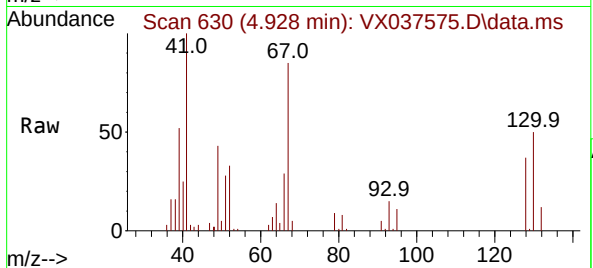
Tgt Ion: 78 Resp: 110015
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 19.361 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

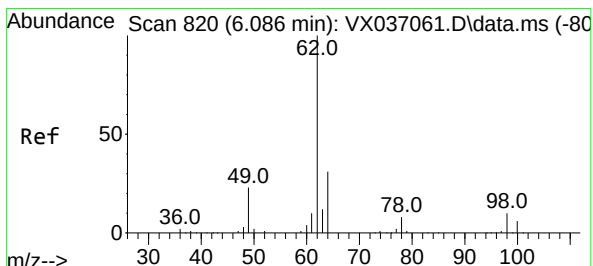
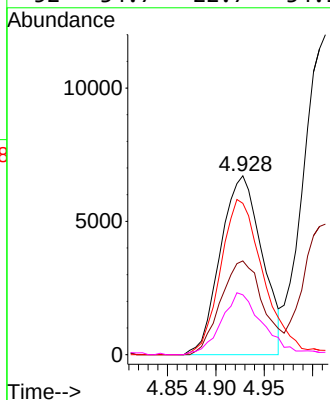
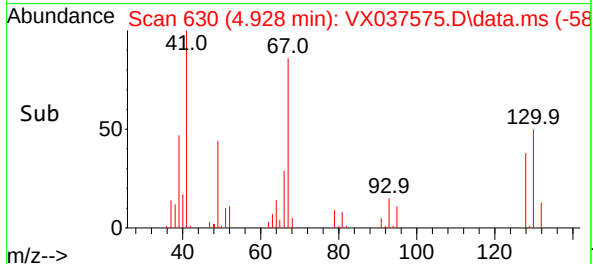
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion:	41	Resp:	2006
Ion Ratio	100	Lower	Upper
39	54.1	45.2	67.8
67	90.3	52.6	78.8
52	34.7	22.7	34.1

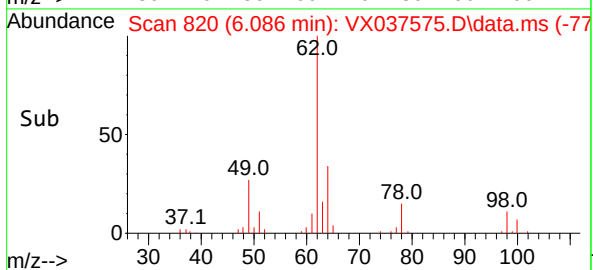
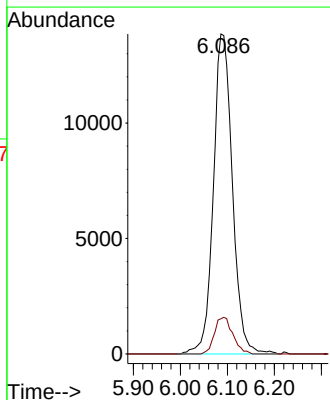
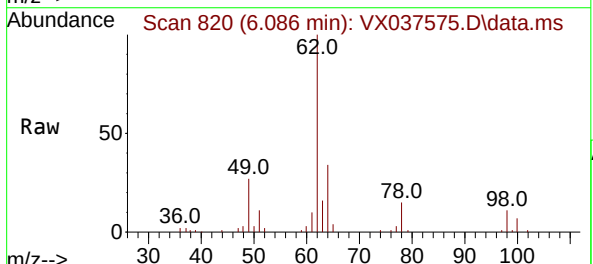
Manual Integrations
APPROVED

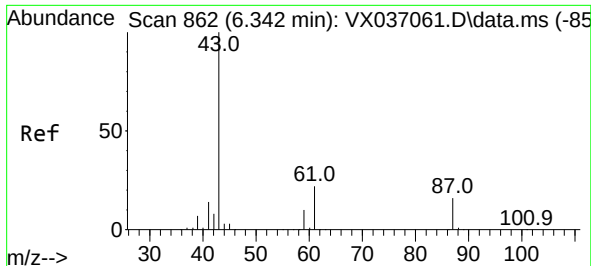
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
1,2-Dichloroethane
Concen: 17.727 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion:	62	Resp:	38918
Ion Ratio	100	Lower	Upper
98	11.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.446 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX037575.D

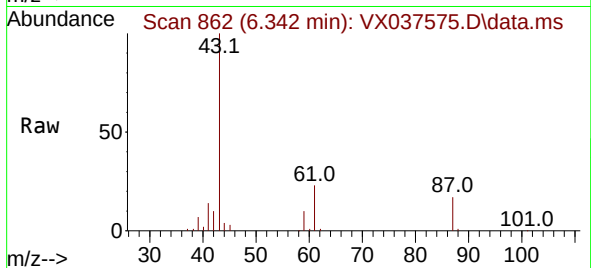
Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01



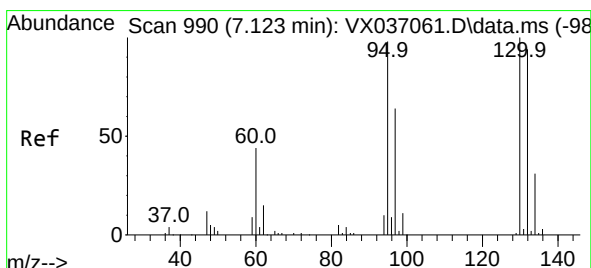
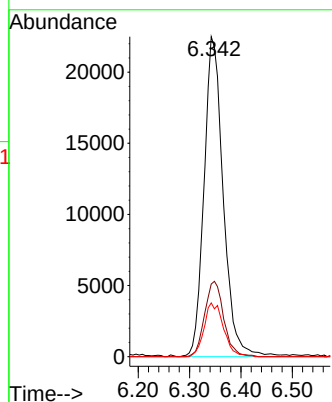
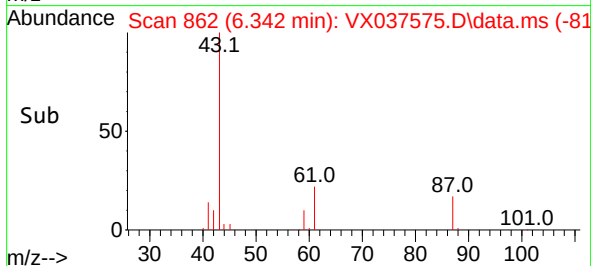
Tgt Ion: 43	Resp: 58392
Ion Ratio	Lower Upper
43	100
61	23.5 15.2 22.8
87	17.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#44

Trichloroethene

Concen: 18.408 ug/l

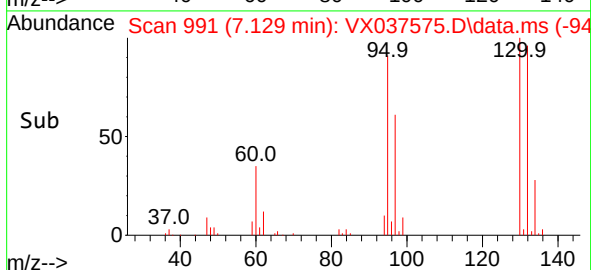
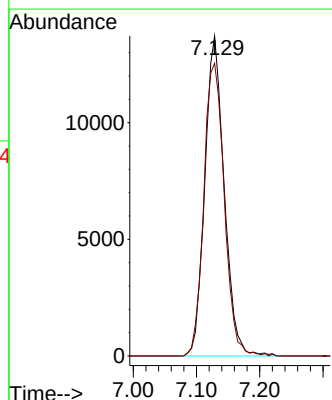
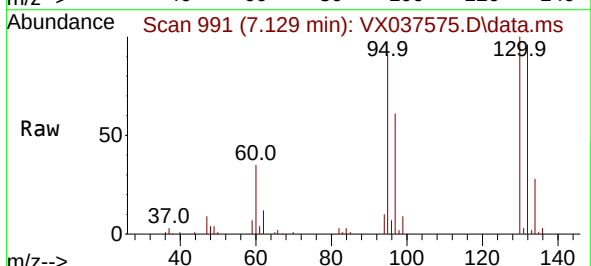
RT: 7.129 min Scan# 991

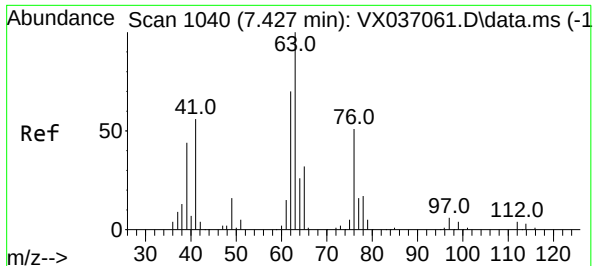
Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion:130	Resp: 29222
Ion Ratio	Lower Upper
130	100
95	91.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.676 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 63 Resp: 28540

Ion Ratio Lower Upper

63 100

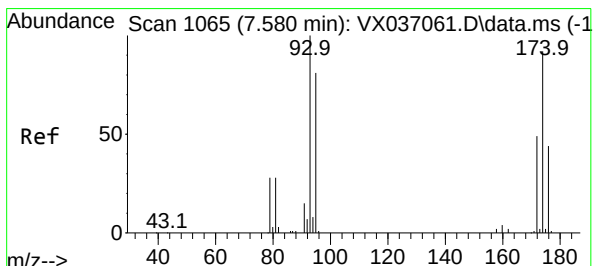
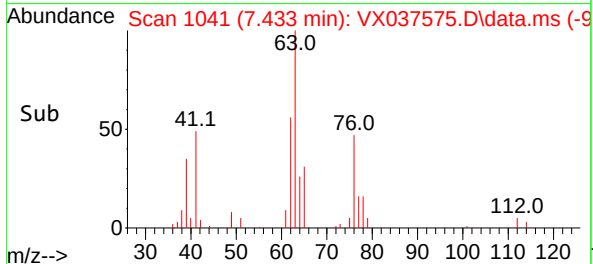
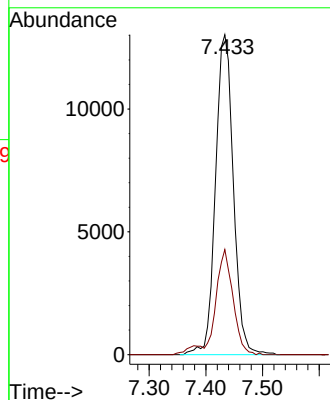
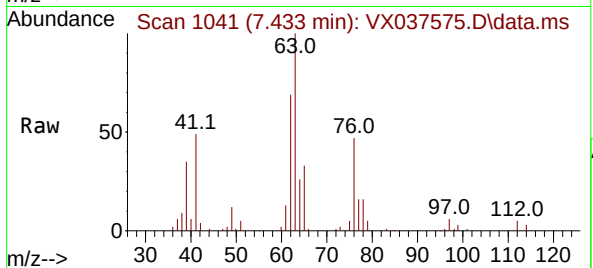
65 32.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#46

Dibromomethane

Concen: 19.497 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

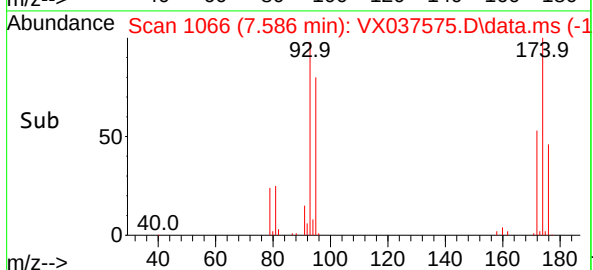
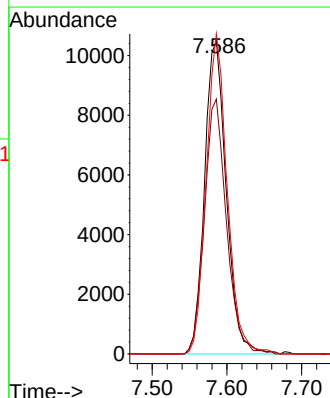
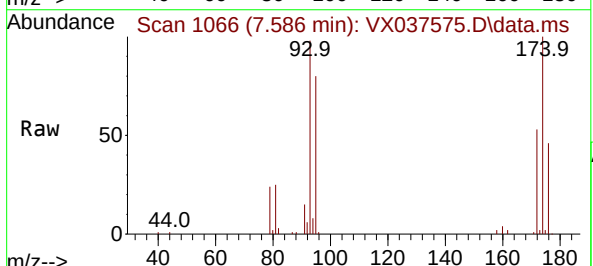
Tgt Ion: 93 Resp: 21202

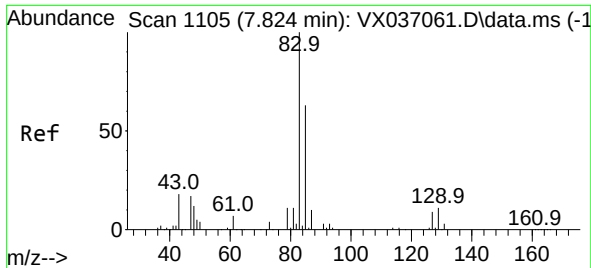
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

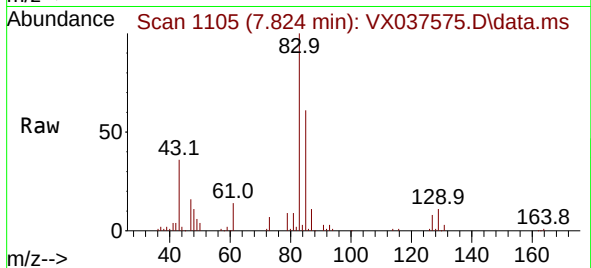
174 99.3 69.4 104.0





#47
Bromodichloromethane
Concen: 18.798 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

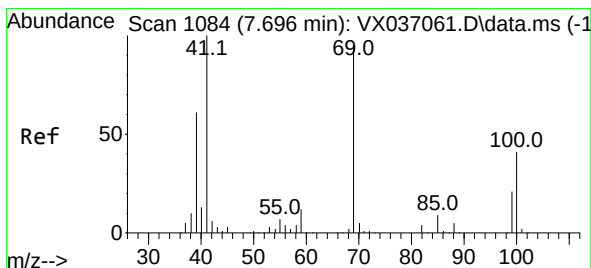
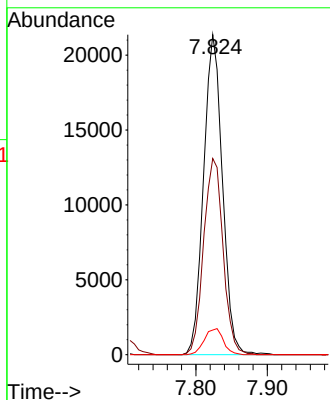
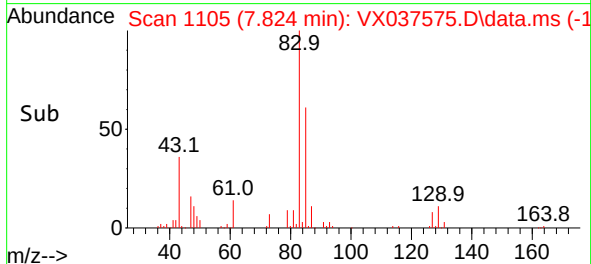
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion: 83 Resp: 3915
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.6
127 7.7 7.1 10.7

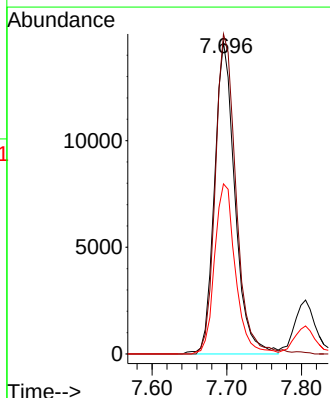
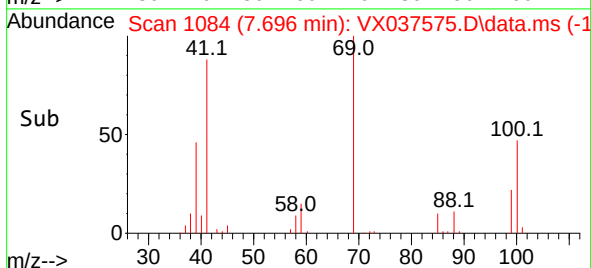
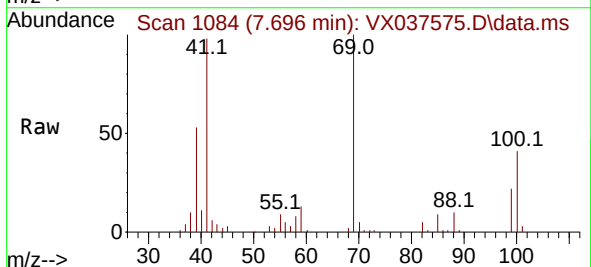
Manual Integrations
APPROVED

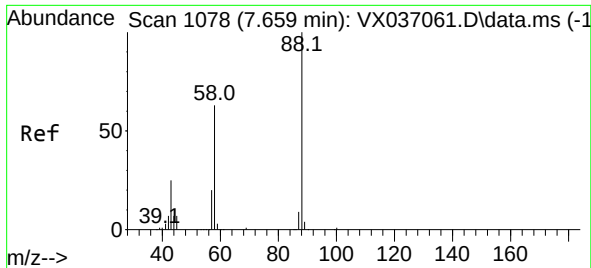
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
Methyl methacrylate
Concen: 17.994 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

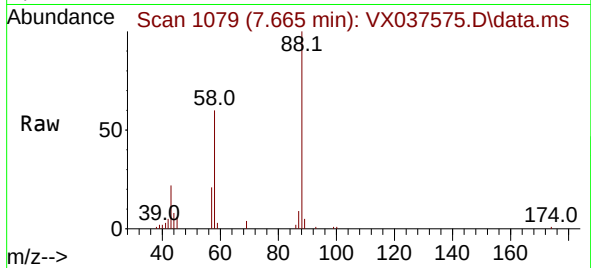
Tgt Ion: 41 Resp: 27780
Ion Ratio Lower Upper
41 100
69 104.2 59.2 88.8#
39 55.6 47.7 71.5





#49
1,4-Dioxane
Concen: 417.363 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

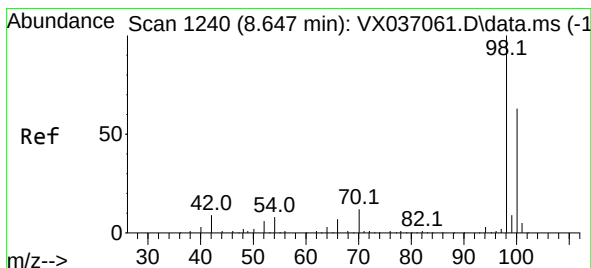
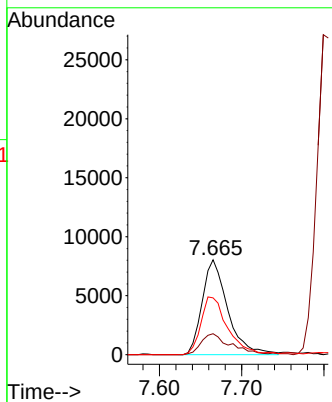
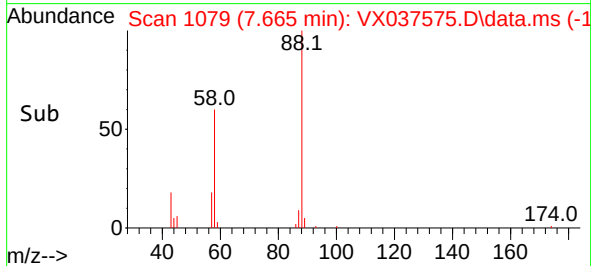
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion: 88 Resp: 1735
Ion Ratio Lower Upper
88 100
43 25.3 0.0 0.0
58 63.8 60.1 90.1

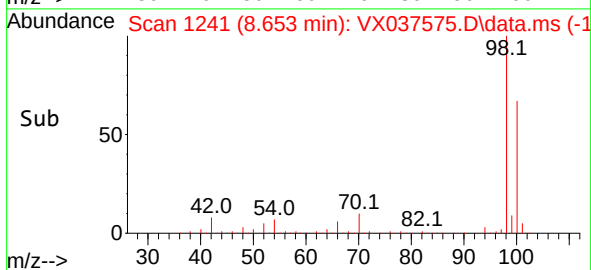
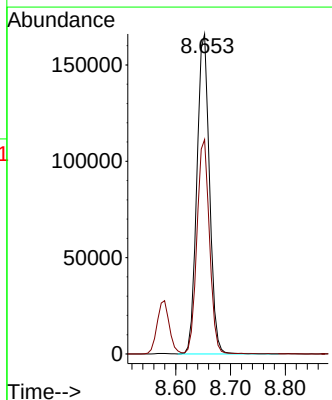
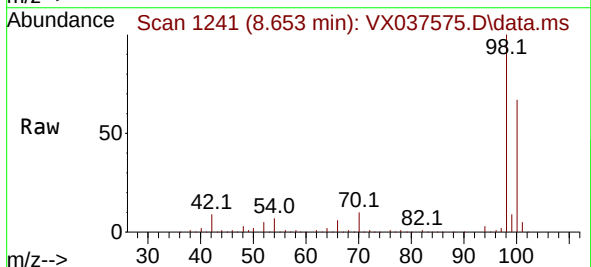
Manual Integrations
APPROVED

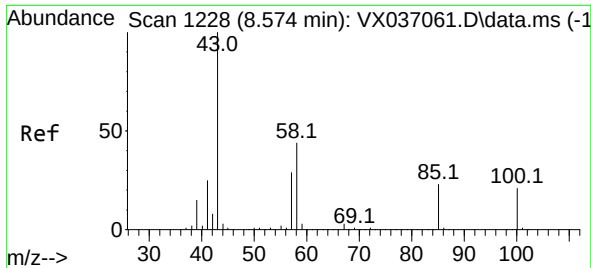
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#50
Toluene-d8
Concen: 53.273 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 98 Resp: 265501
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





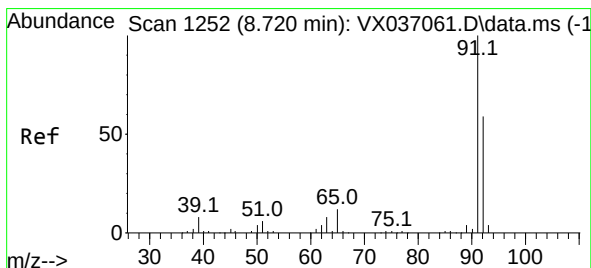
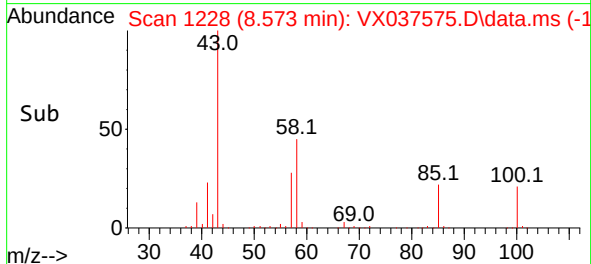
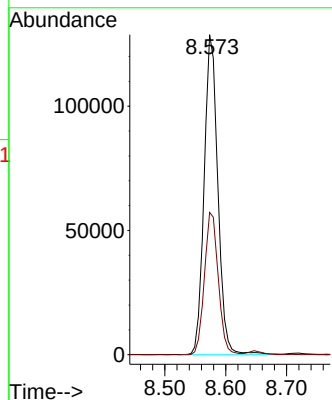
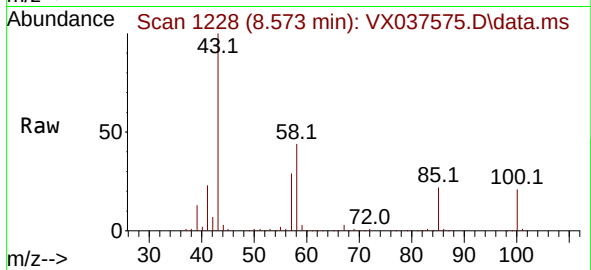
#51
4-Methyl-2-Pentanone
Concen: 105.139 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 43 Resp: 202100
Ion Ratio Lower Upper
43 100
58 44.9 30.4 45.6

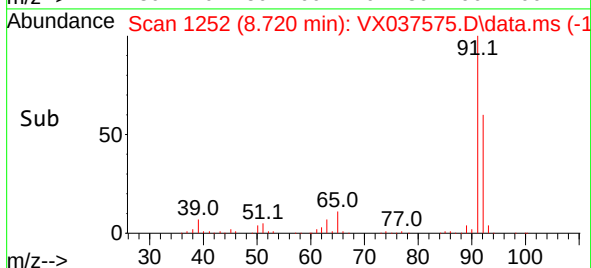
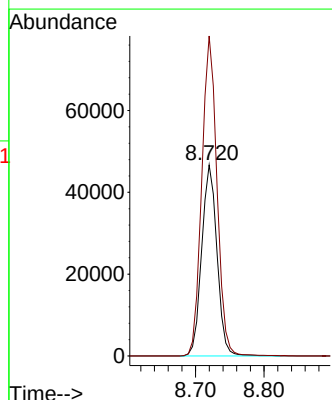
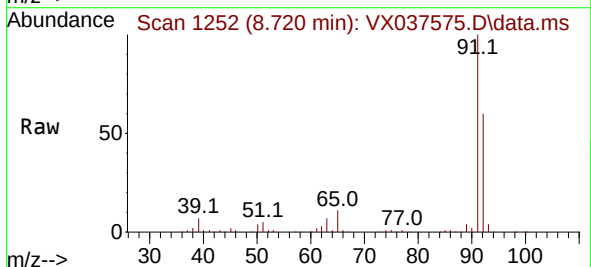
Manual Integrations
APPROVED

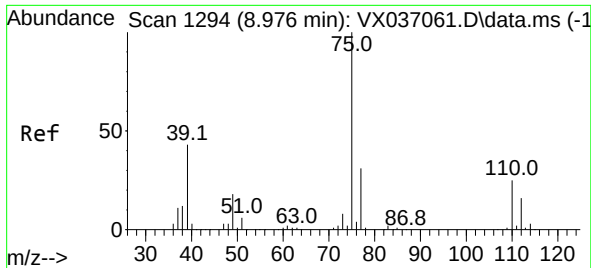
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#52
Toluene
Concen: 19.631 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 92 Resp: 72614
Ion Ratio Lower Upper
92 100
91 166.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 16.983 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 75 Resp: 3766

Ion Ratio Lower Upper

75 100

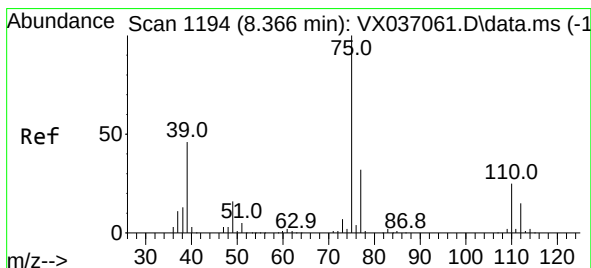
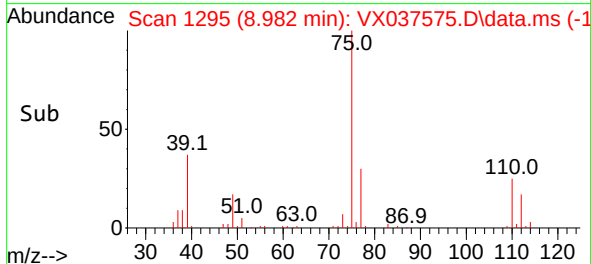
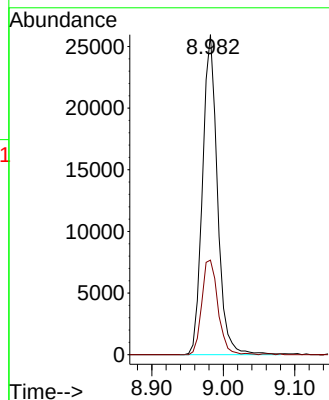
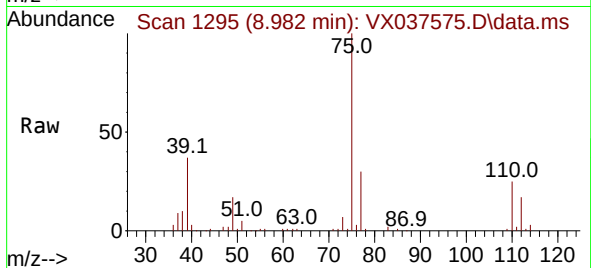
77 29.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#54

cis-1,3-Dichloropropene

Concen: 17.761 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

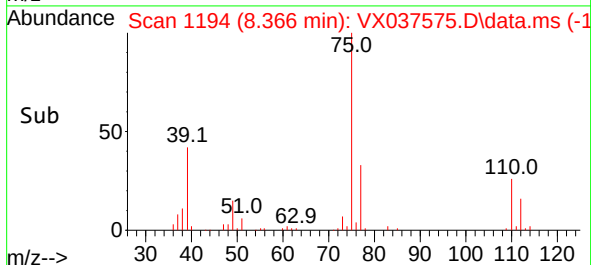
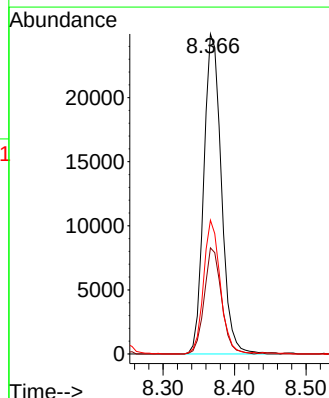
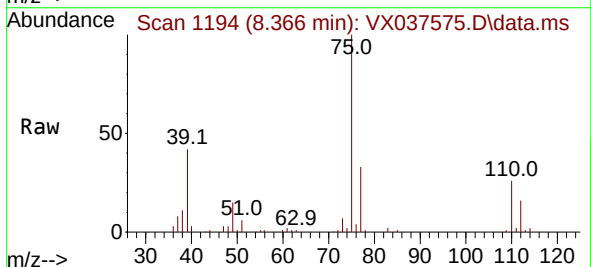
Tgt Ion: 75 Resp: 42565

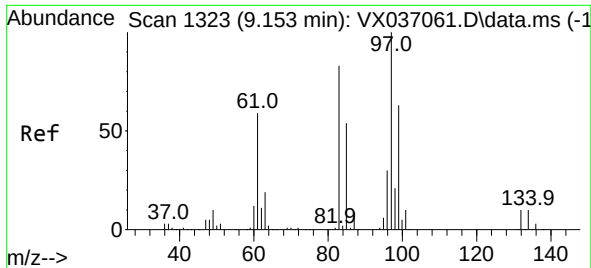
Ion Ratio Lower Upper

75 100

77 33.2 25.3 37.9

39 41.8 46.7 70.1#





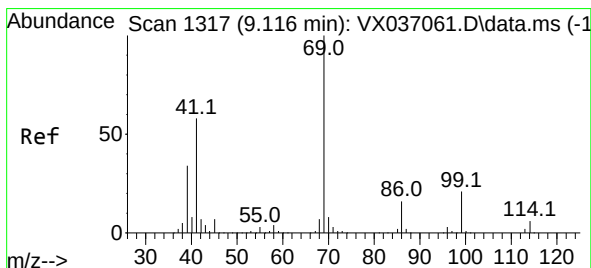
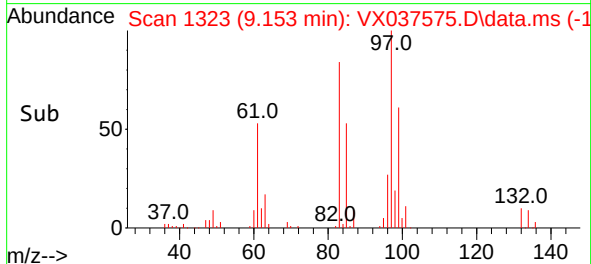
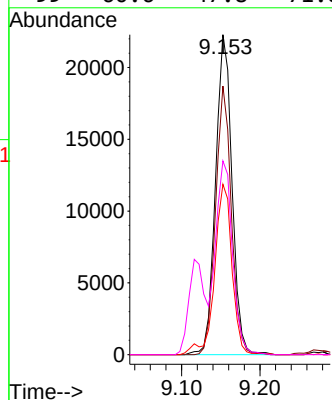
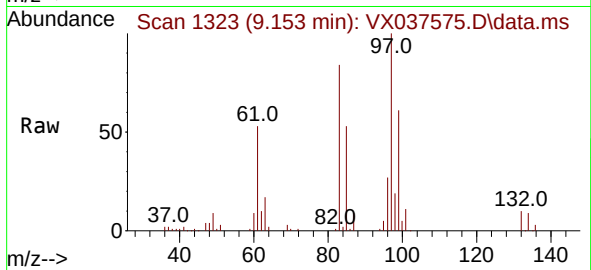
#55
1,1,2-Trichloroethane
Concen: 21.652 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument : MSVOA_X
ClientSampleId : VX0907WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.8	98.8
85	53.2	41.6	62.4
99	60.6	47.8	71.8

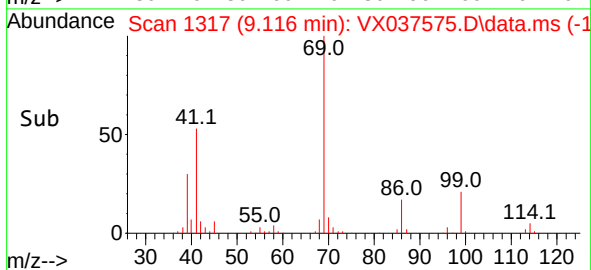
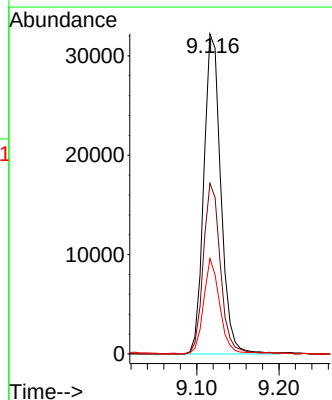
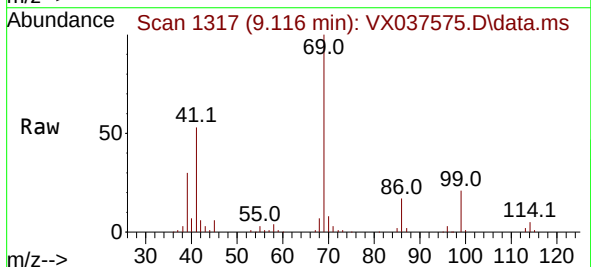
Manual Integrations
APPROVED

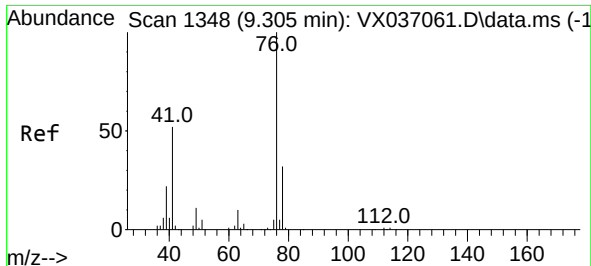
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Ethyl methacrylate
Concen: 19.687 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.8	56.8	85.2#
39	28.3	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 20.425 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion: 76 Resp: 5186

Ion Ratio Lower Upper

76 100

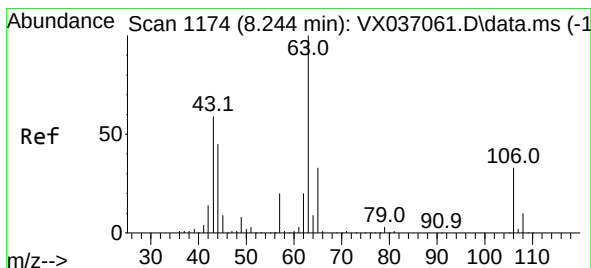
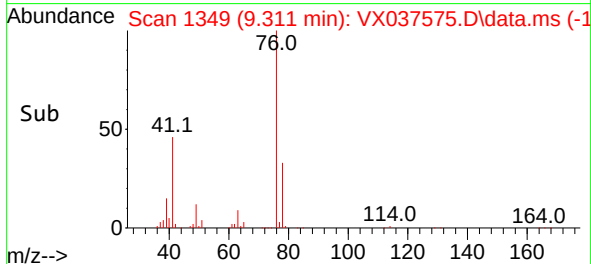
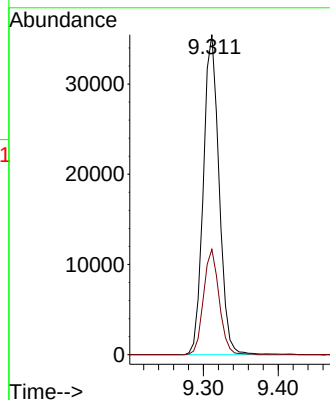
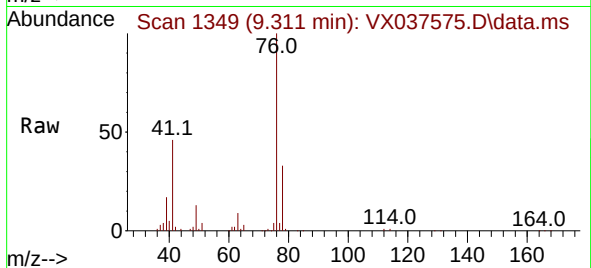
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 89.165 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037575.D

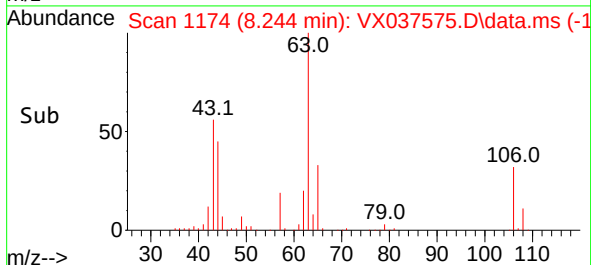
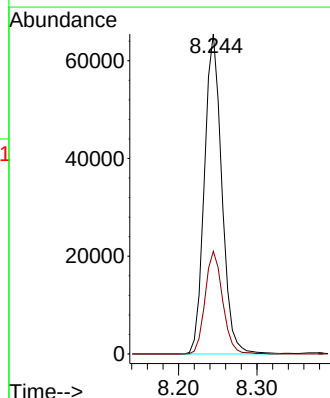
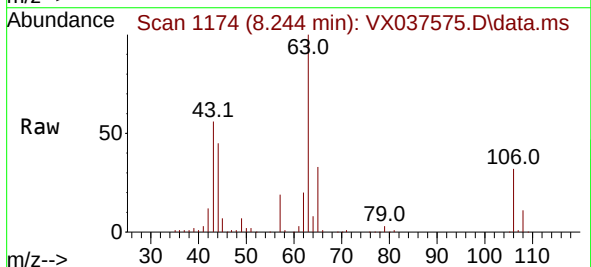
Acq: 07 Sep 2023 13:28

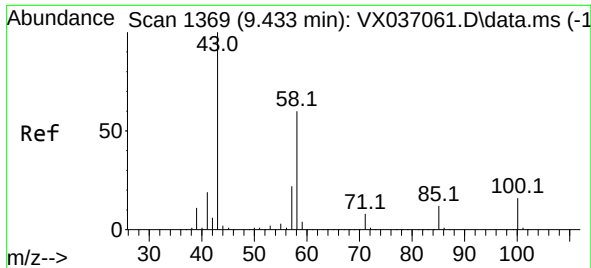
Tgt Ion: 63 Resp: 100950

Ion Ratio Lower Upper

63 100

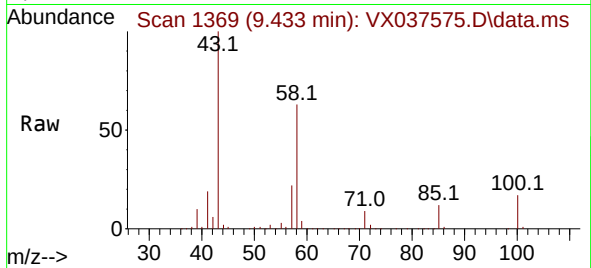
106 32.2 22.5 33.7





#59
2-Hexanone
Concen: 104.833 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

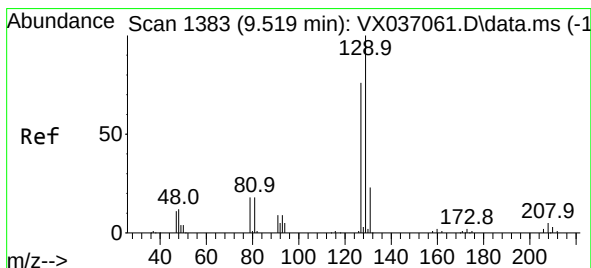
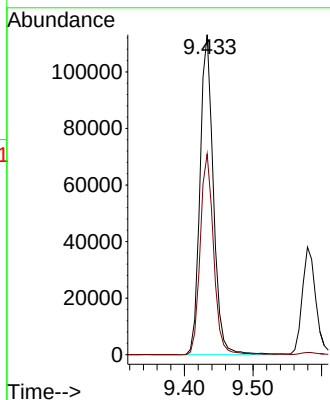
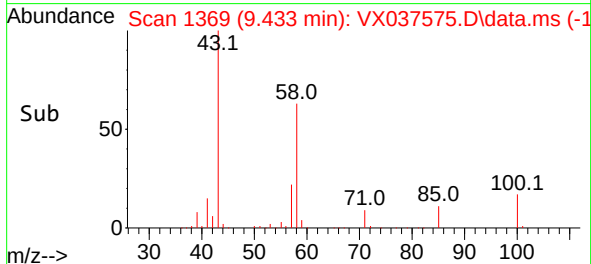
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion: 43 Resp: 153652
Ion Ratio Lower Upper
43 100
58 62.9 26.2 78.5

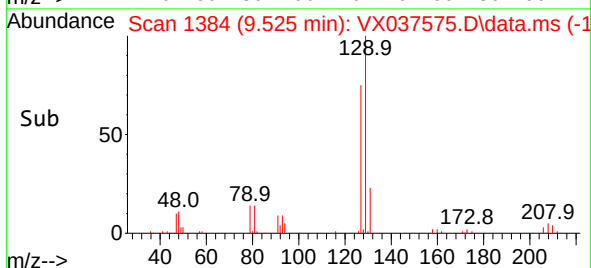
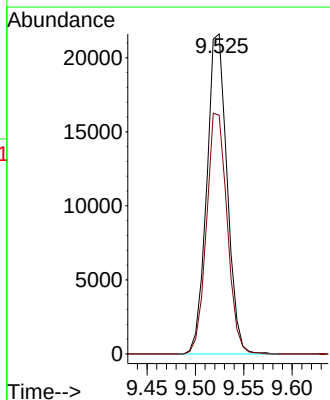
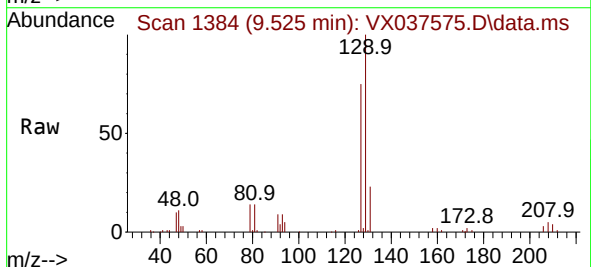
Manual Integrations
APPROVED

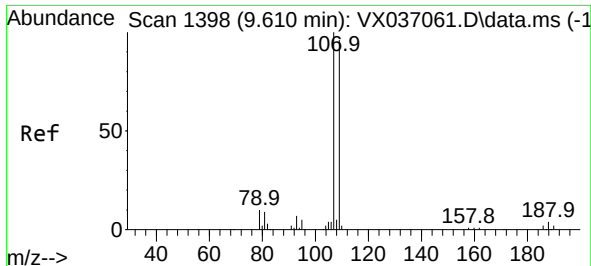
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
Dibromochloromethane
Concen: 19.751 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

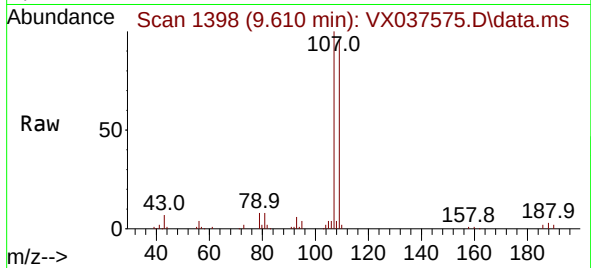
Tgt Ion:129 Resp: 31673
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.943 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

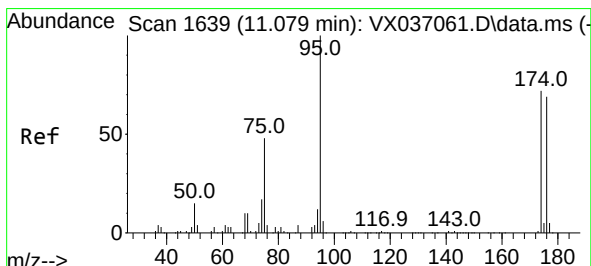
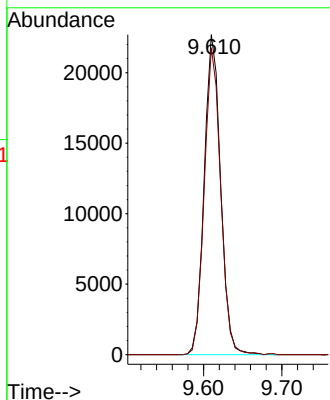
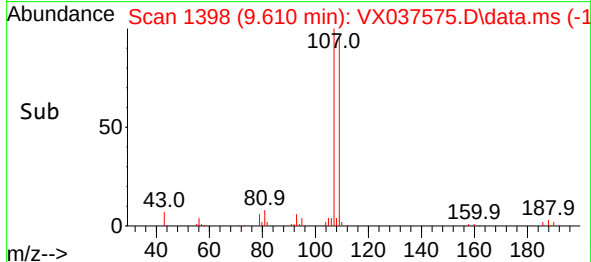
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



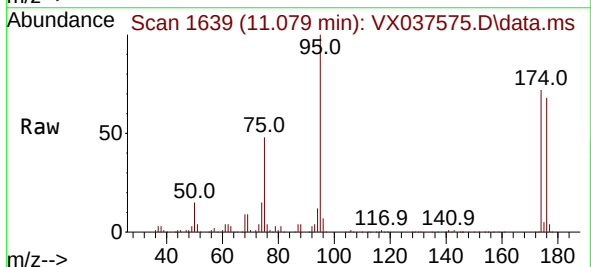
Tgt Ion:107 Resp: 3288
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

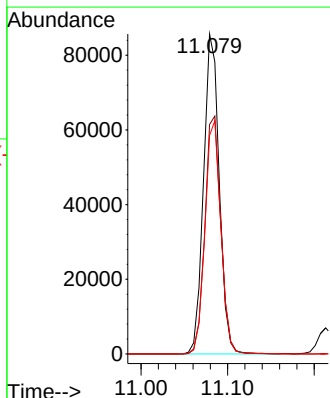
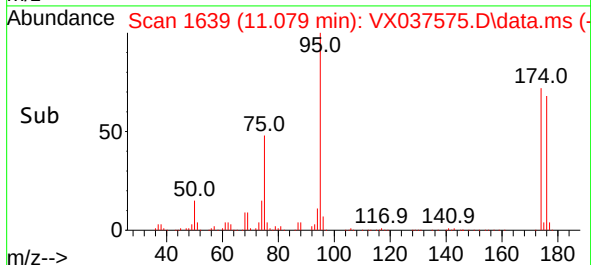
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

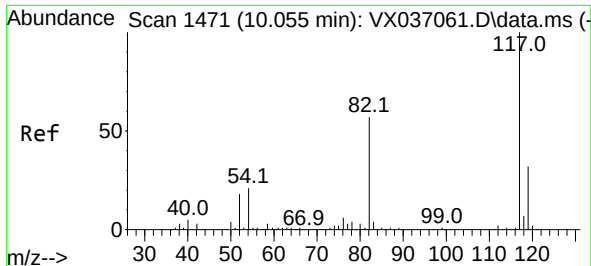


#62
4-Bromofluorobenzene
Concen: 55.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28



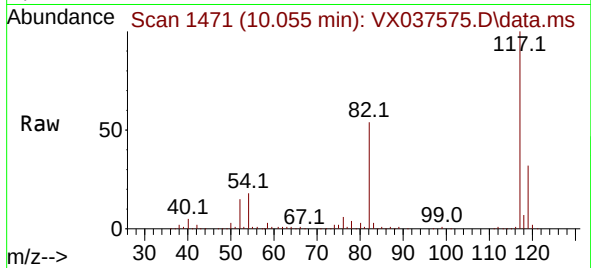
Tgt Ion: 95 Resp: 107853
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 73.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

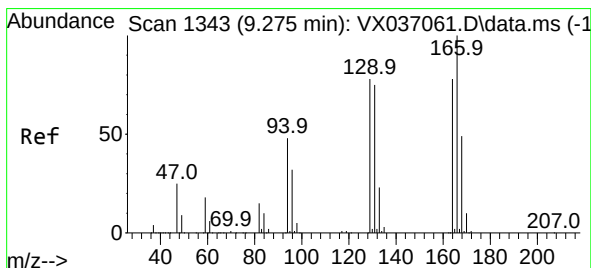
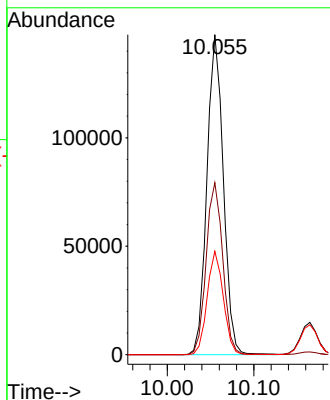
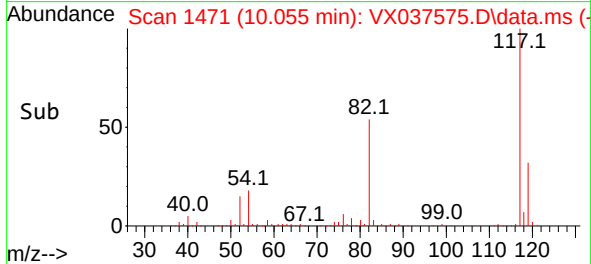
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion:117 Resp: 19433
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.3 25.5 38.3

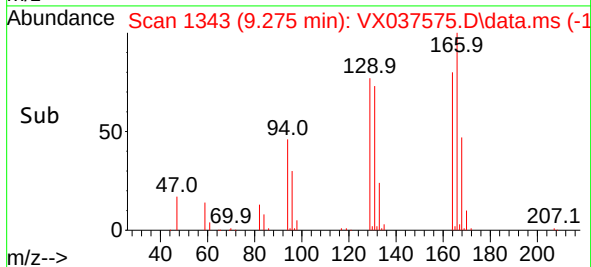
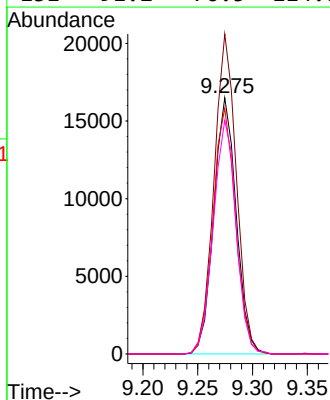
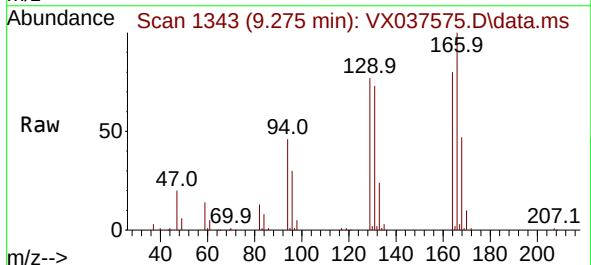
Manual Integrations
APPROVED

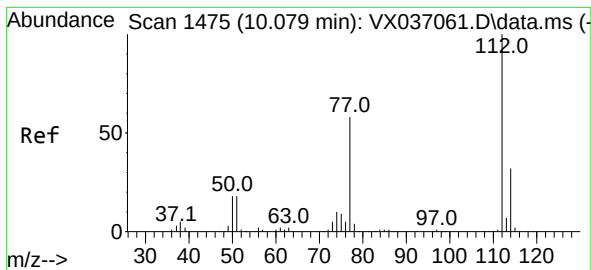
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Tetrachloroethene
Concen: 16.555 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

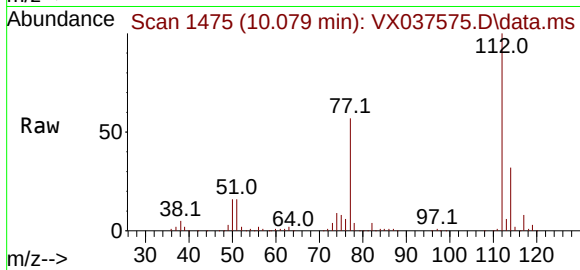
Tgt Ion:164 Resp: 23469
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 96.0 80.4 120.6
131 91.2 76.5 114.7





#65
Chlorobenzene
Concen: 19.351 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

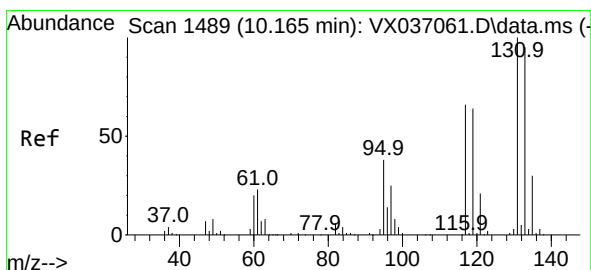
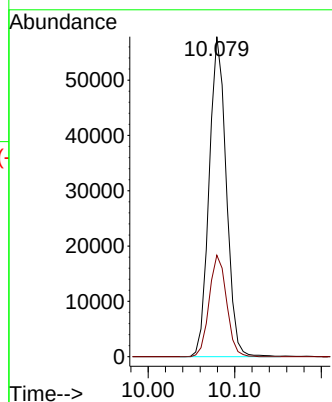
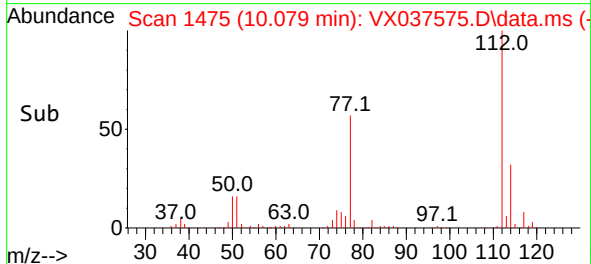
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



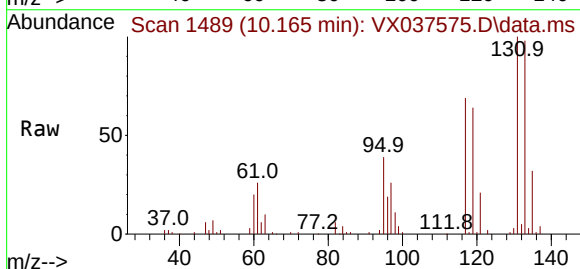
Tgt Ion:112 Resp: 79480
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

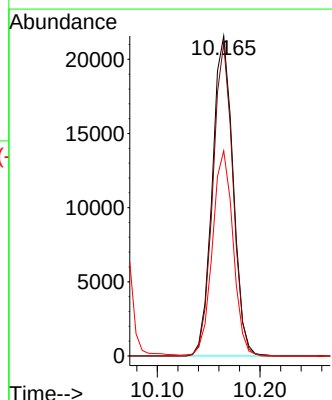
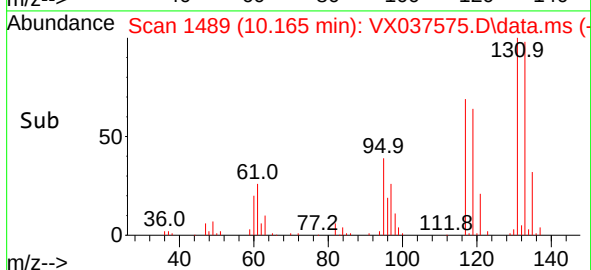
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

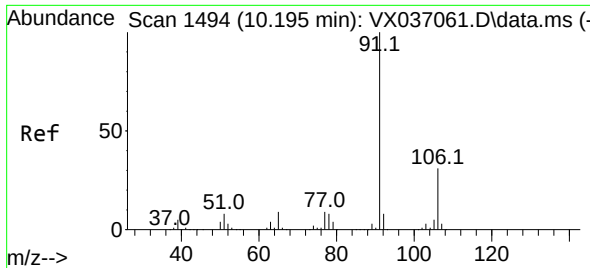


#66
1,1,1,2-Tetrachloroethane
Concen: 19.933 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28



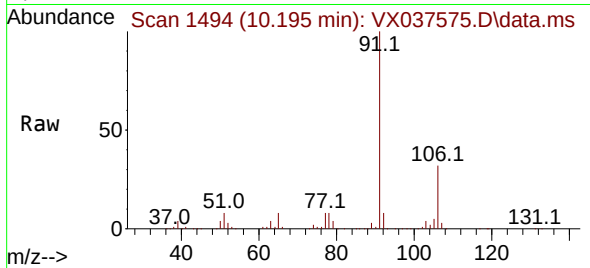
Tgt Ion:131 Resp: 30217
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 63.7 32.2 96.6





#67
Ethyl Benzene
Concen: 18.701 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

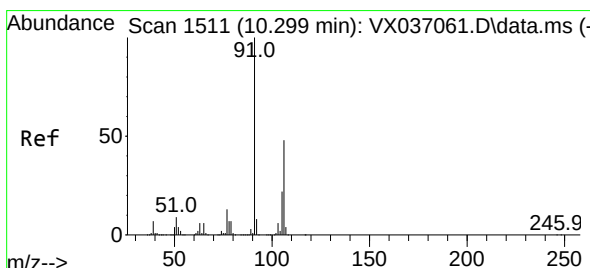
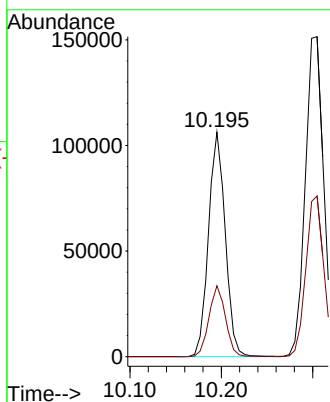
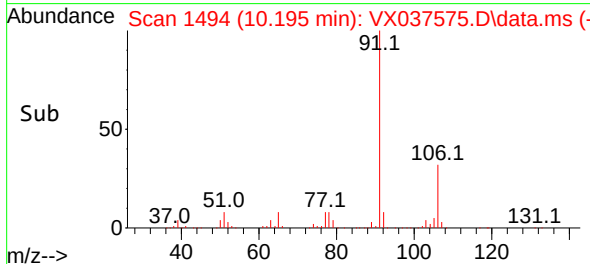
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



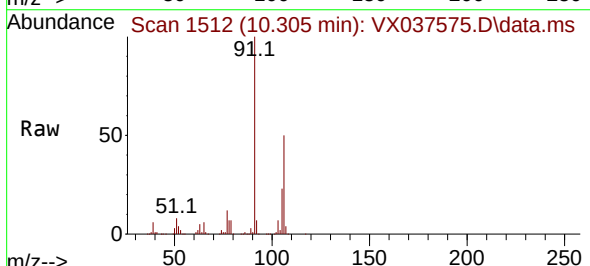
Tgt Ion: 91 Resp: 135150
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

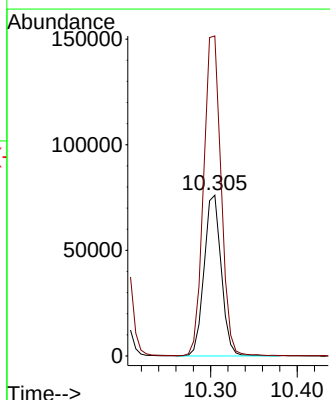
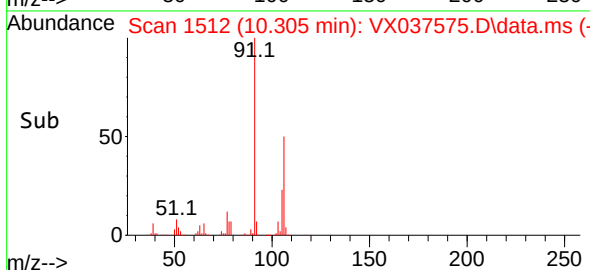
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

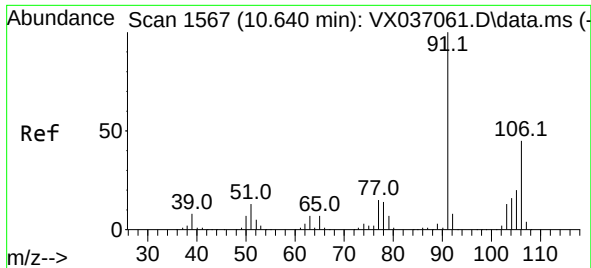


#68
m/p-Xylenes
Concen: 37.520 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28



Tgt Ion:106 Resp: 104716
Ion Ratio Lower Upper
106 100
91 202.9 165.5 248.3





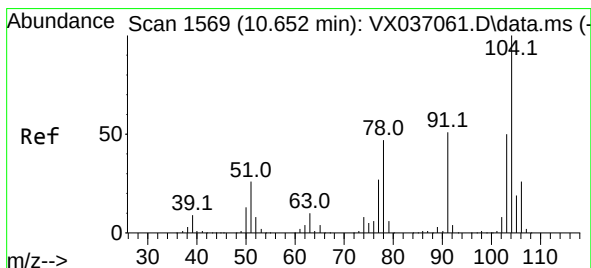
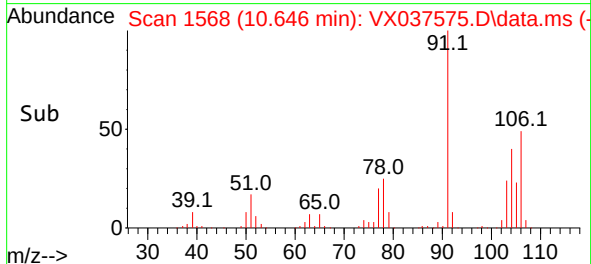
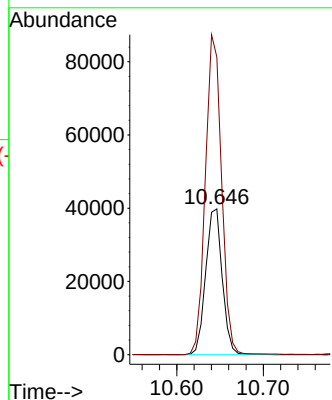
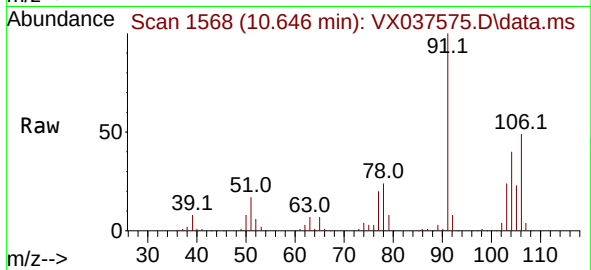
#69
o-Xylene
Concen: 19.167 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion:106 Resp: 52779
Ion Ratio Lower Upper
106 100
91 215.7 108.9 326.8

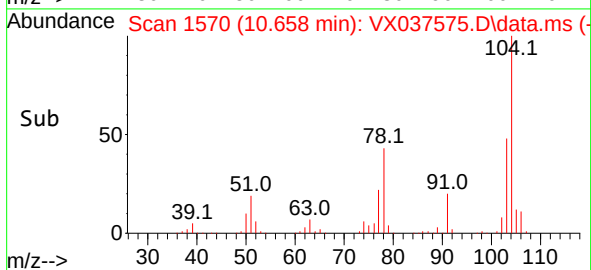
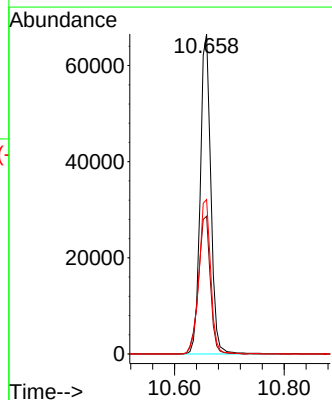
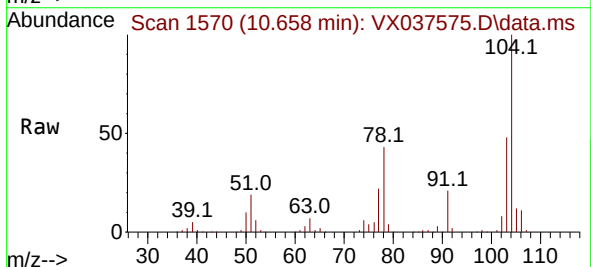
Manual Integrations
APPROVED

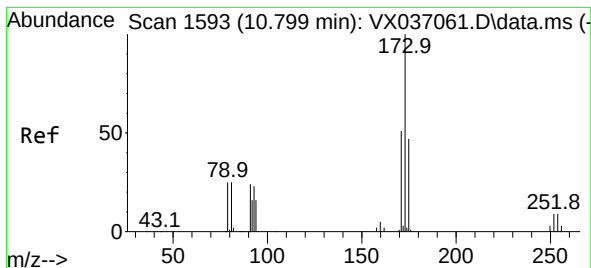
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#70
Styrene
Concen: 19.689 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

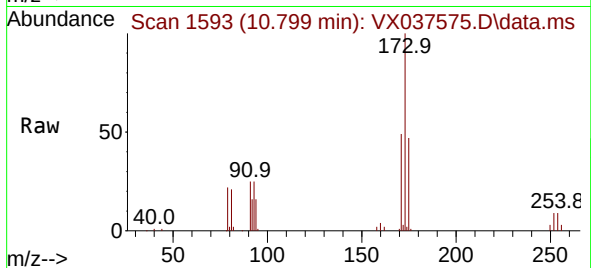
Tgt Ion:104 Resp: 89305
Ion Ratio Lower Upper
104 100
78 48.5 43.6 65.4
103 53.3 43.6 65.4





#71
Bromoform
Concen: 19.576 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

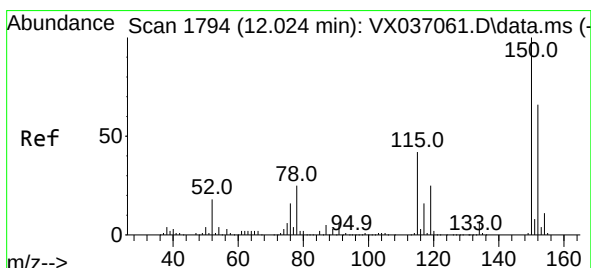
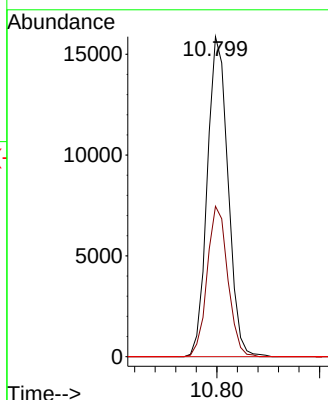
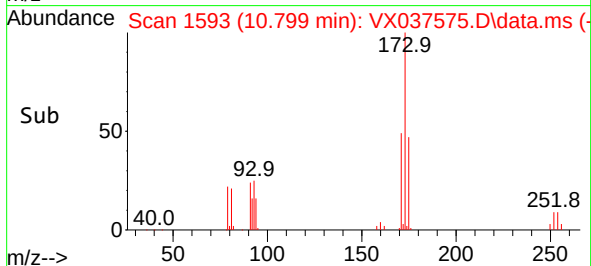
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion:173 Resp: 2219
Ion Ratio Lower Upper
173 100
175 46.7 24.1 72.4
254 0.0 0.0 0.0

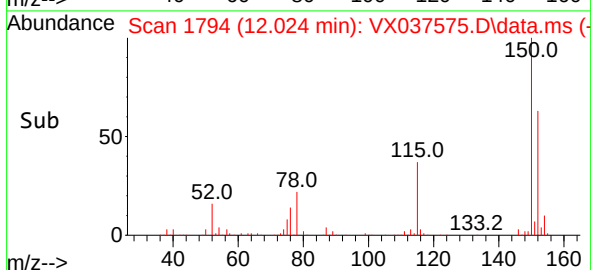
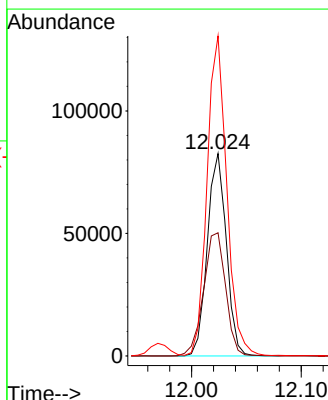
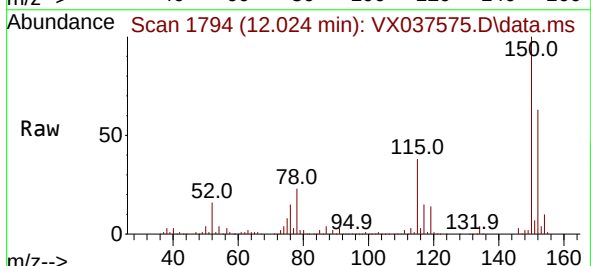
Manual Integrations
APPROVED

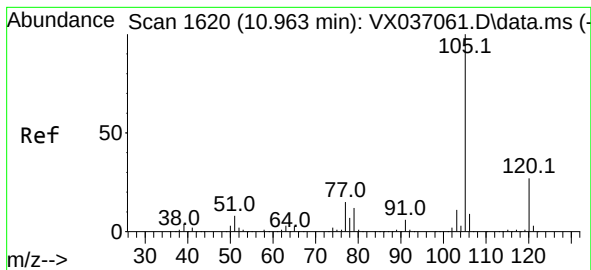
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion:152 Resp: 99357
Ion Ratio Lower Upper
152 100
115 70.6 43.3 129.9
150 163.4 0.0 345.0





#73

Isopropylbenzene

Concen: 19.028 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion:105 Resp: 13741

Ion Ratio Lower Upper

105 100

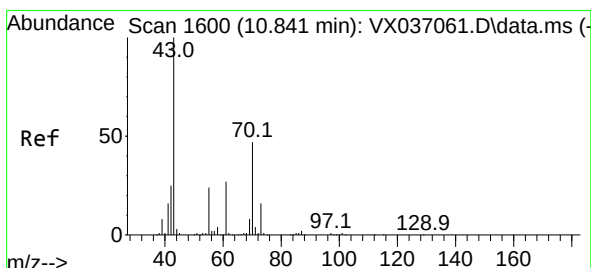
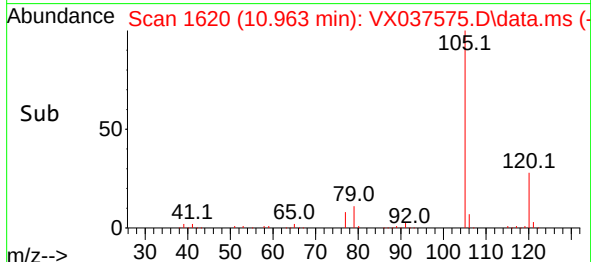
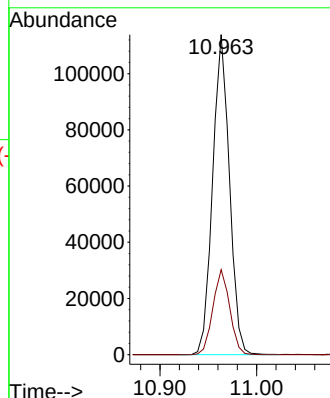
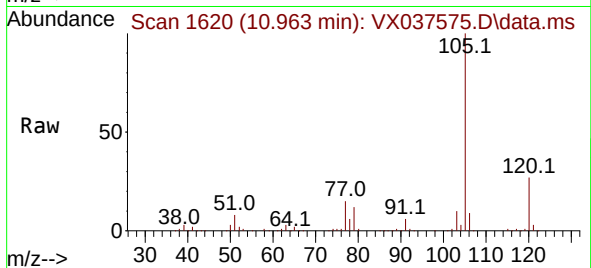
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#74

N-ethyl acetate

Concen: 17.849 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion: 43 Resp: 50085

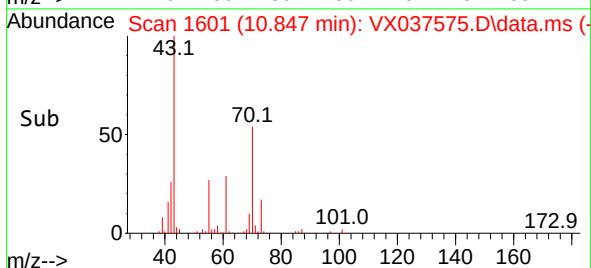
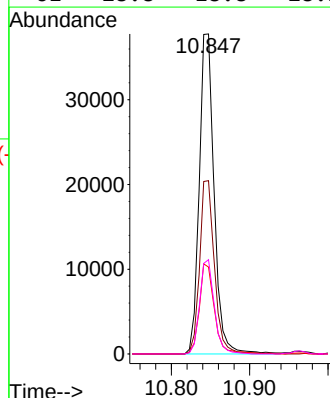
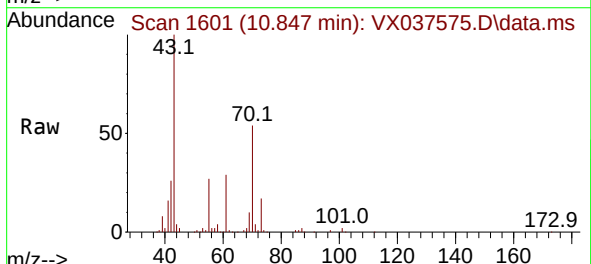
Ion Ratio Lower Upper

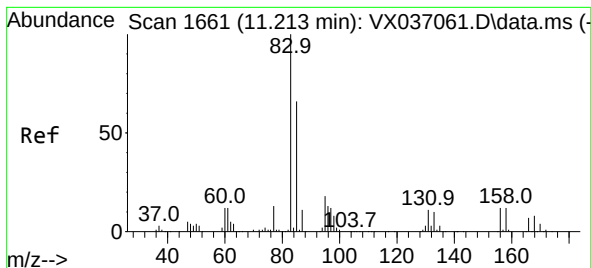
43 100

70 53.9 32.9 49.3#

55 28.3 19.3 28.9

61 28.8 18.8 28.2#





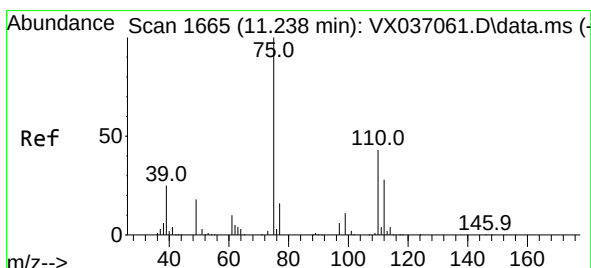
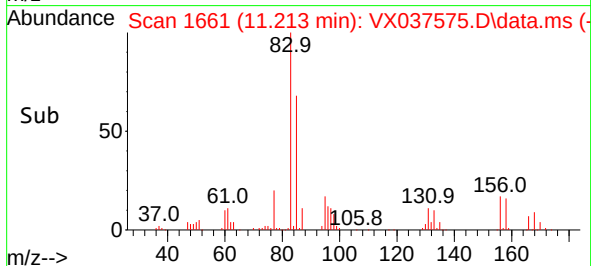
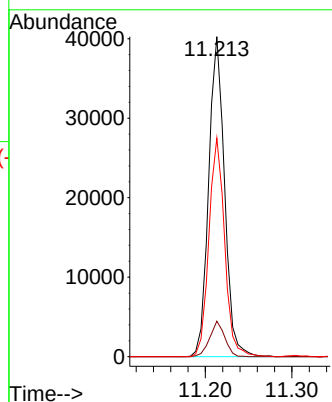
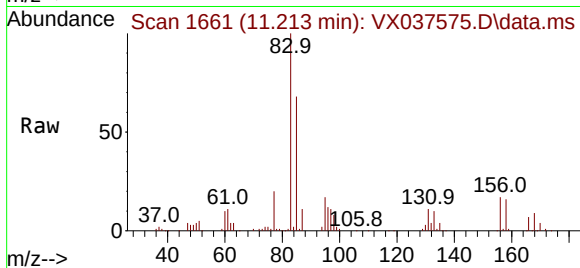
#75
1,1,2,2-Tetrachloroethane
Concen: 21.078 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 83 Resp: 5126
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 67.7 32.0 96.2

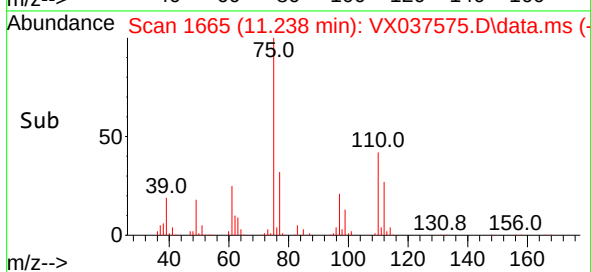
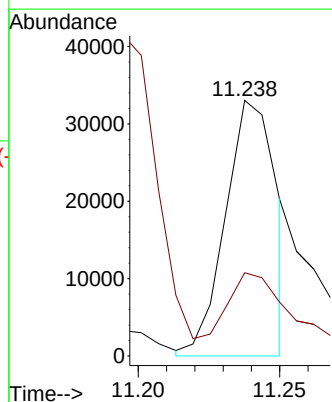
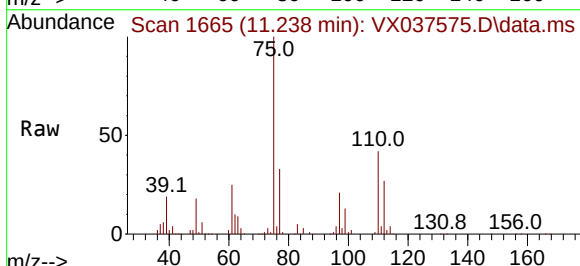
Manual Integrations
APPROVED

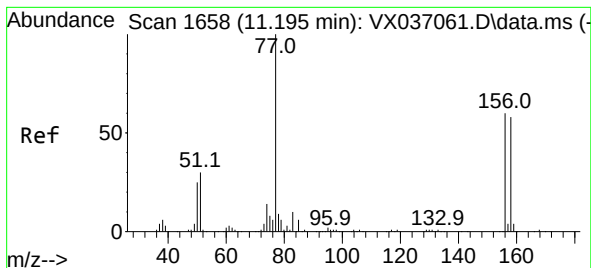
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#76
1,2,3-Trichloropropane
Concen: 19.482 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion: 75 Resp: 41224
Ion Ratio Lower Upper
75 100
77 44.4 19.1 57.5





#77

Bromobenzene

Concen: 19.440 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

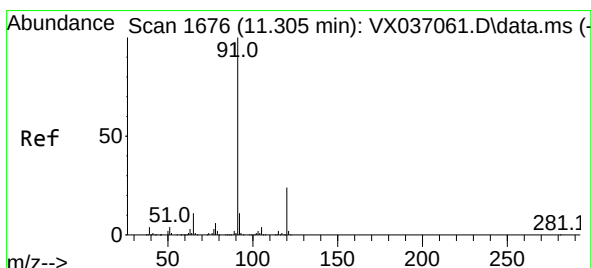
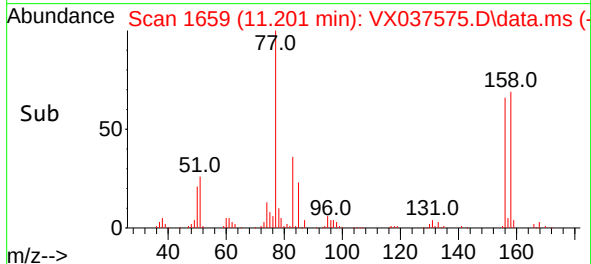
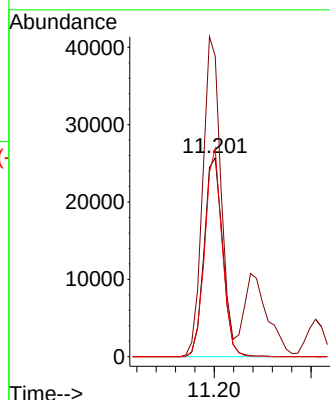
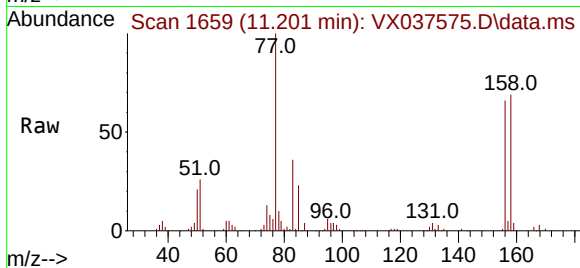
Tgt Ion:	156	Resp:	3428
Ion Ratio	Lower	Upper	
156	100		
77	157.2	88.4	265.3
158	98.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#78

n-propylbenzene

Concen: 18.869 ug/l

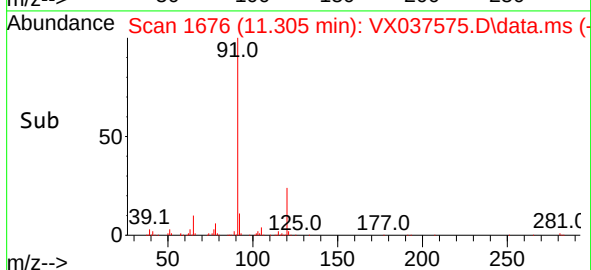
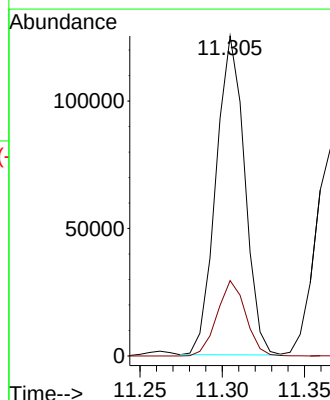
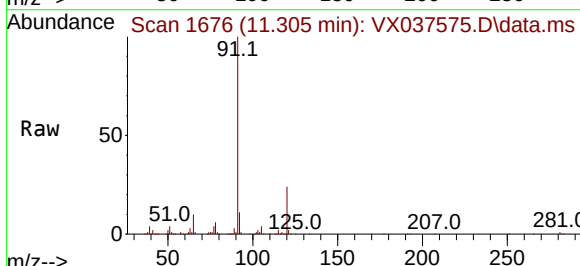
RT: 11.305 min Scan# 1676

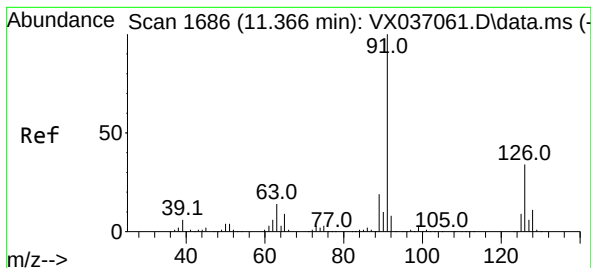
Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion:	91	Resp:	151735
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





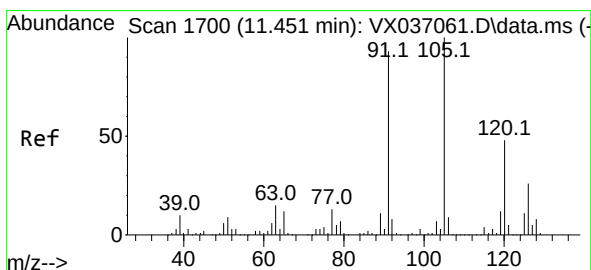
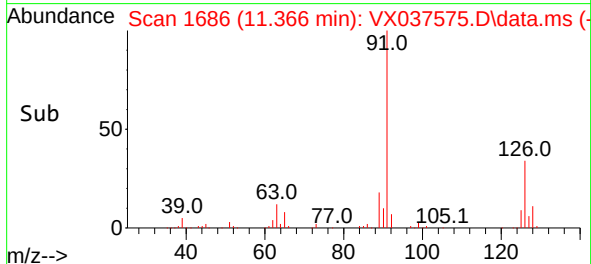
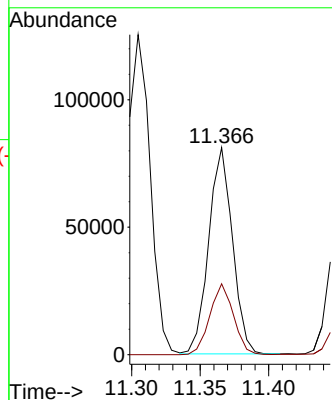
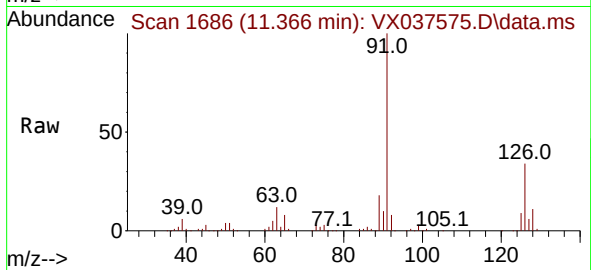
#79
2-Chlorotoluene
Concen: 19.025 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01

Tgt Ion: 91 Resp: 97768
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

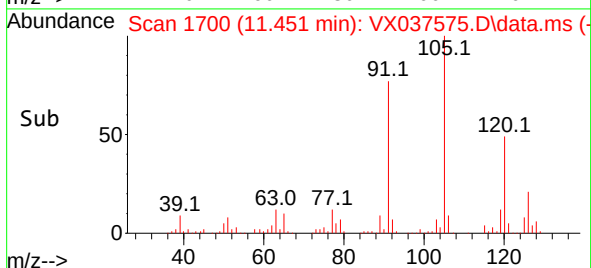
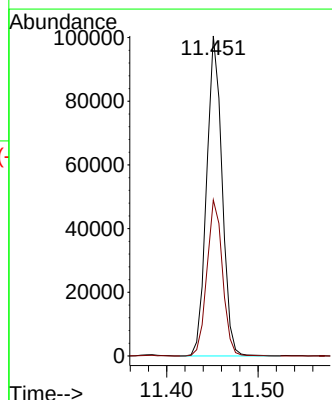
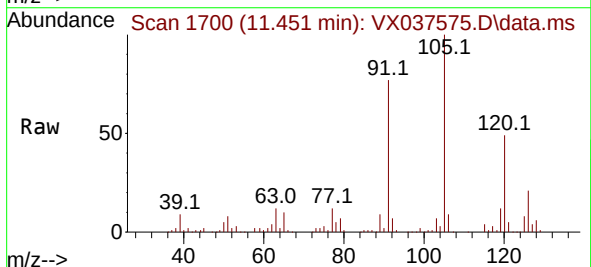
Manual Integrations
APPROVED

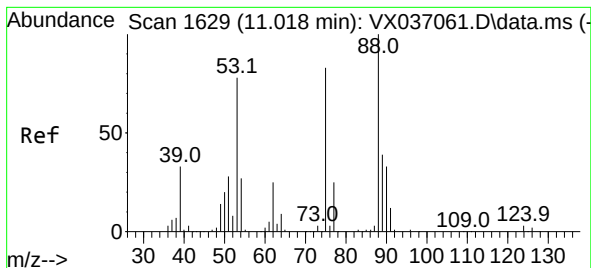
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.533 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

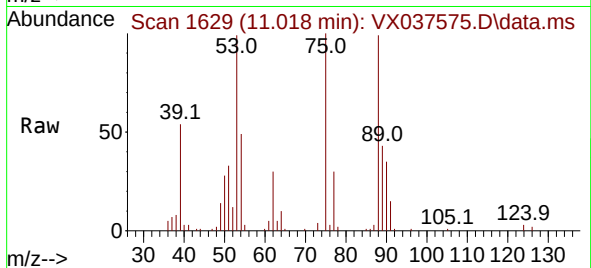
Tgt Ion:105 Resp: 117674
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.439 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

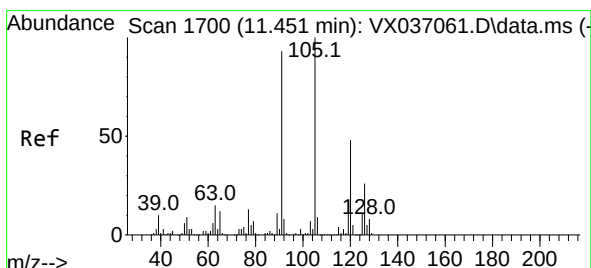
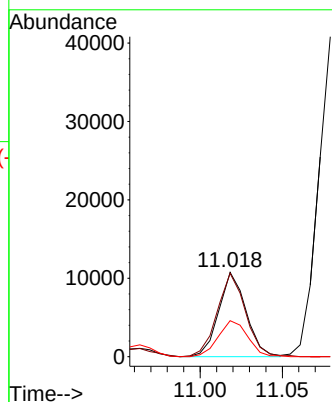
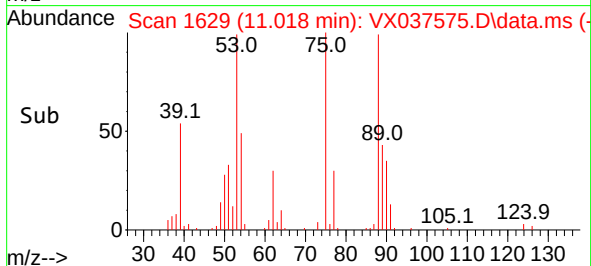
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion: 75 Resp: 12454
Ion Ratio Lower Upper
75 100
53 102.3 90.5 135.7
89 46.1 36.9 55.3

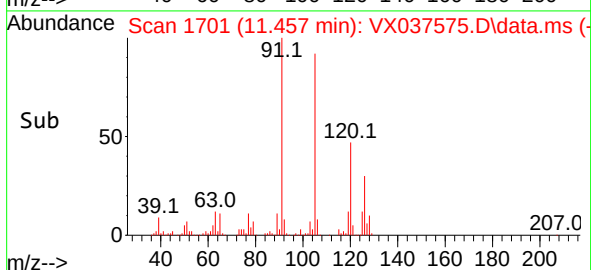
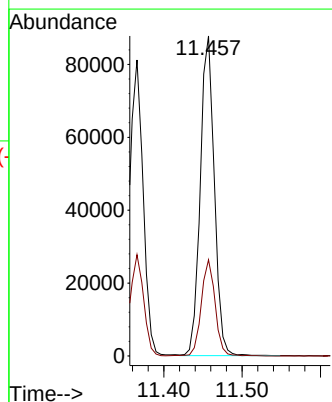
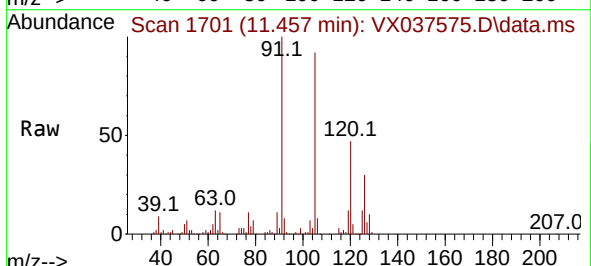
Manual Integrations
APPROVED

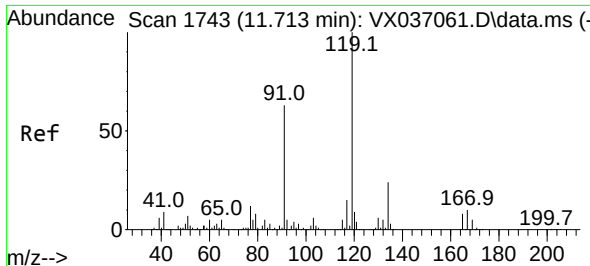
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#82
4-Chlorotoluene
Concen: 18.471 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

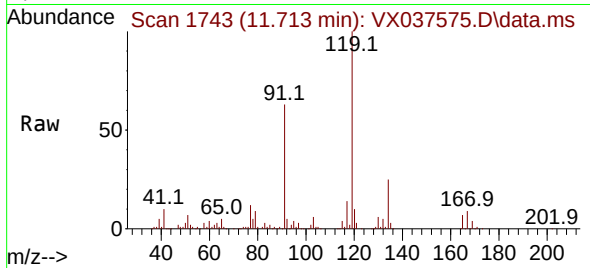
Tgt Ion: 91 Resp: 109569
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.871 ug/l
RT: 11.713 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

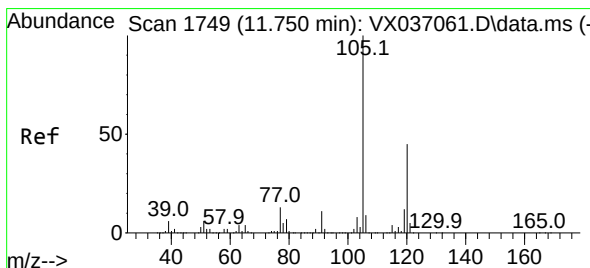
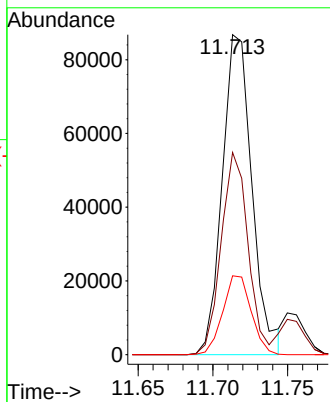
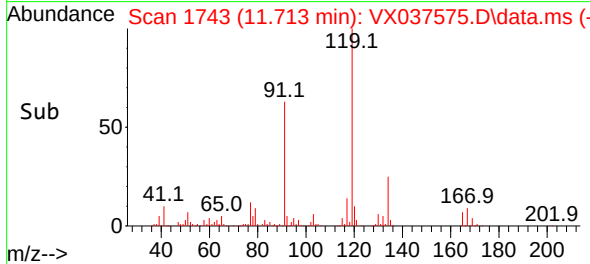
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion:119 Resp: 11990
Ion Ratio Lower Upper
119 100
91 57.2 31.2 93.6
134 23.7 11.7 35.0

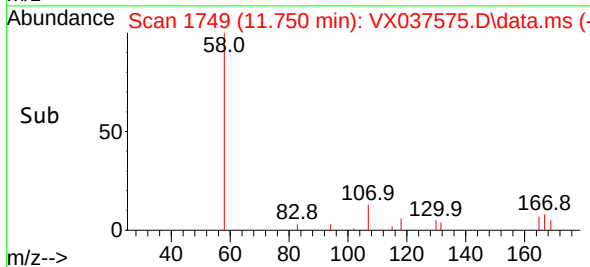
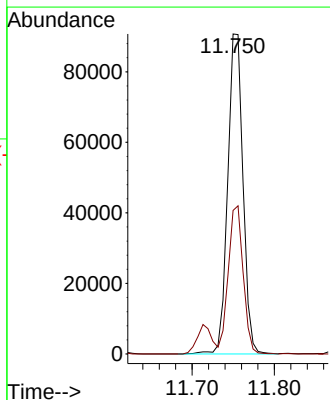
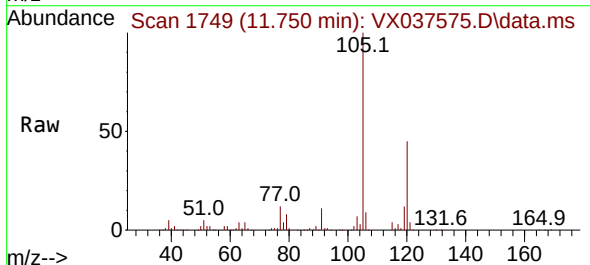
Manual Integrations
APPROVED

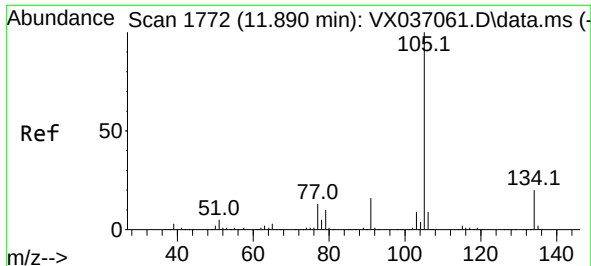
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.224 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

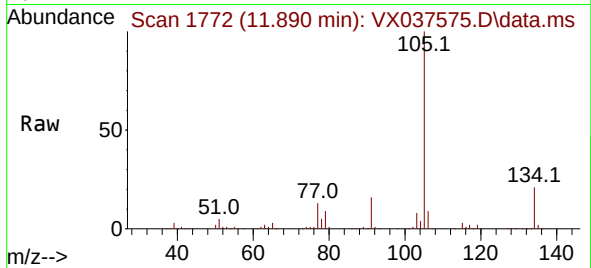
Tgt Ion:105 Resp: 117046
Ion Ratio Lower Upper
105 100
120 45.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.429 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037575.D
 Acq: 07 Sep 2023 13:28

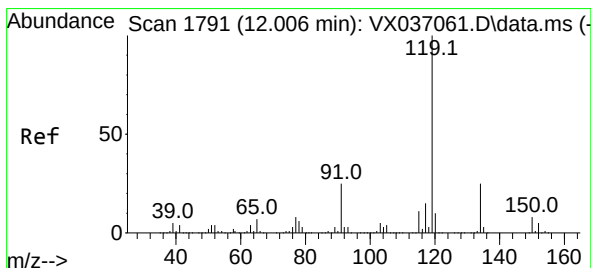
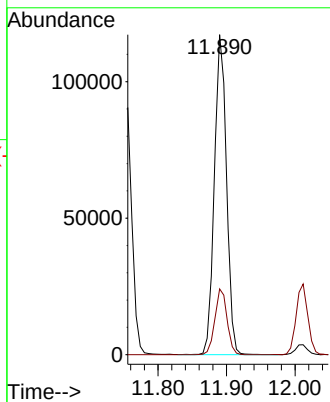
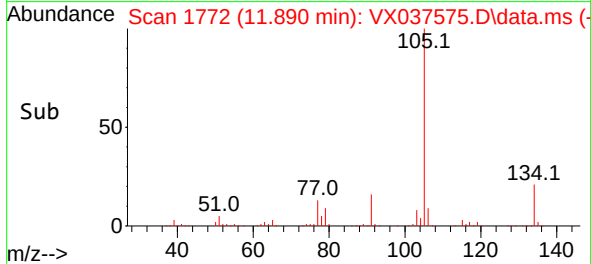
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01



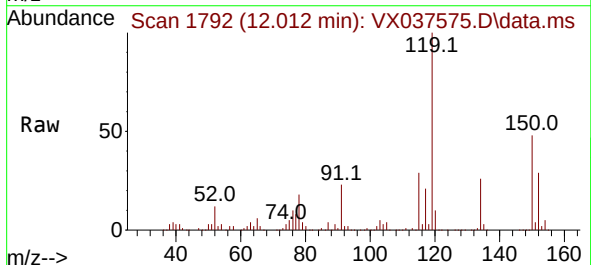
Tgt Ion:105 Resp: 143800
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

Manual Integrations
 APPROVED

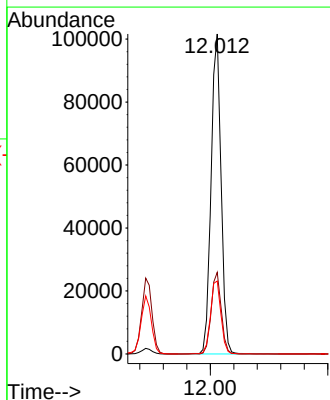
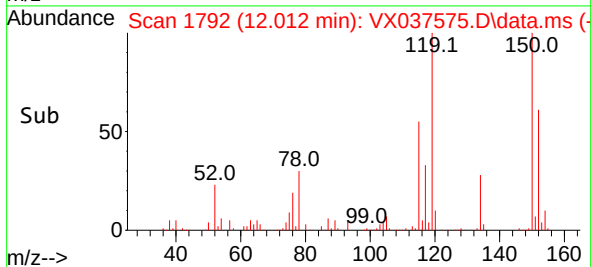
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

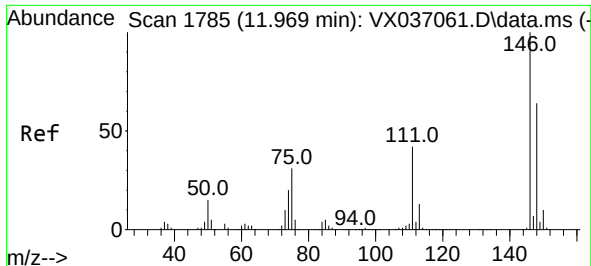


#86
 p-Isopropyltoluene
 Concen: 20.796 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037575.D
 Acq: 07 Sep 2023 13:28



Tgt Ion:119 Resp: 120134
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.955 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037575.D

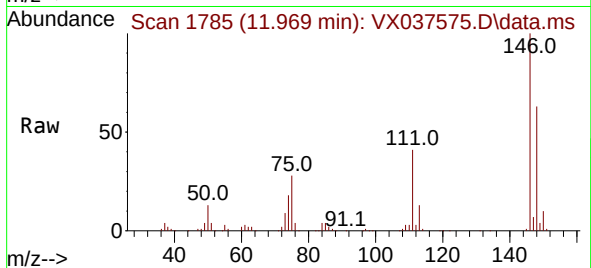
Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01



Tgt Ion:146 Resp: 6259

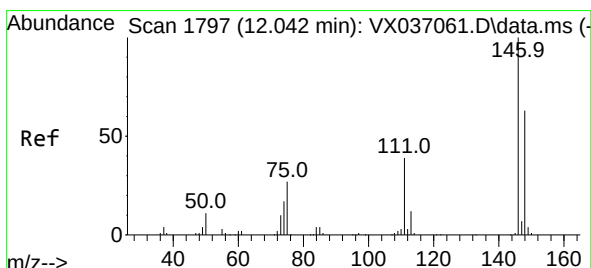
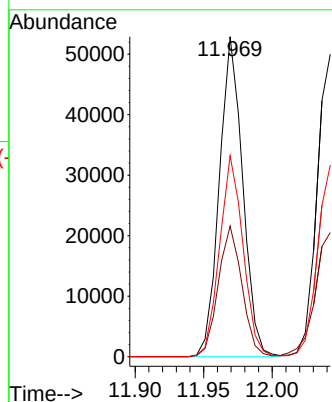
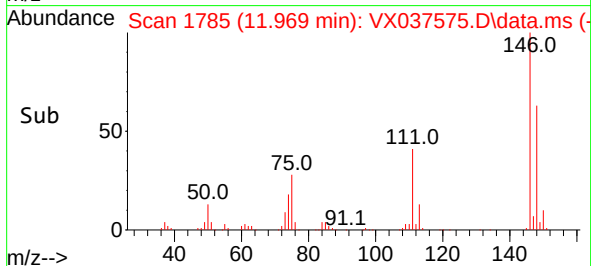
Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.1	66.1
148	63.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#88

1,4-Dichlorobenzene

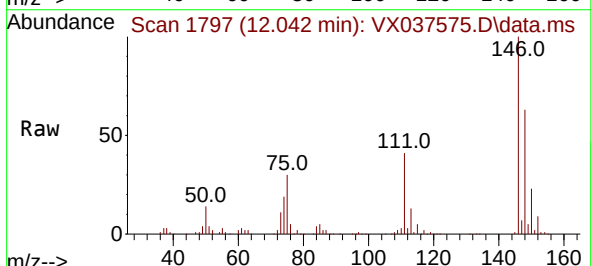
Concen: 18.178 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

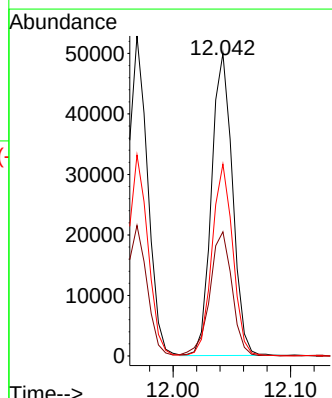
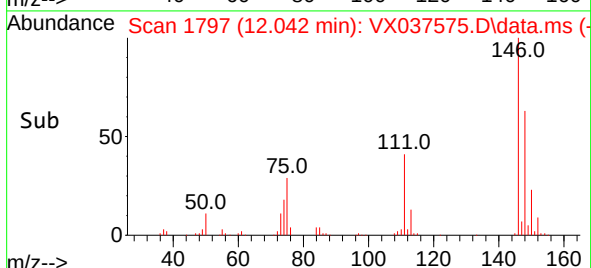
Lab File: VX037575.D

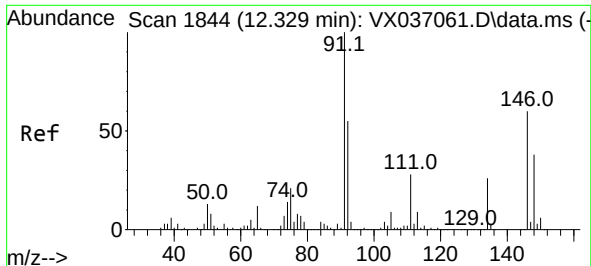
Acq: 07 Sep 2023 13:28



Tgt Ion:146 Resp: 62017

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	63.4	31.8	95.4





#89

n-Butylbenzene

Concen: 19.836 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

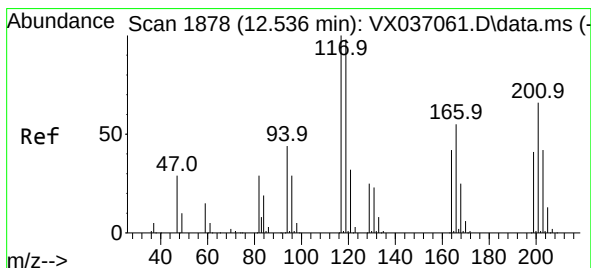
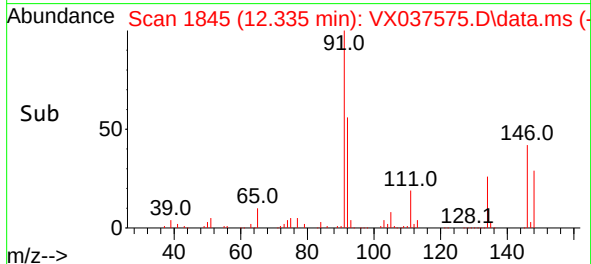
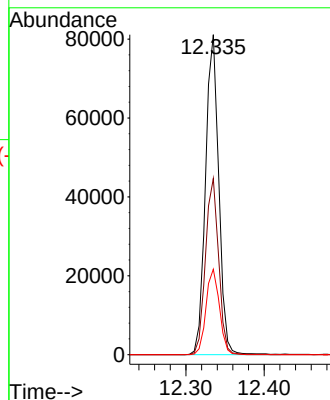
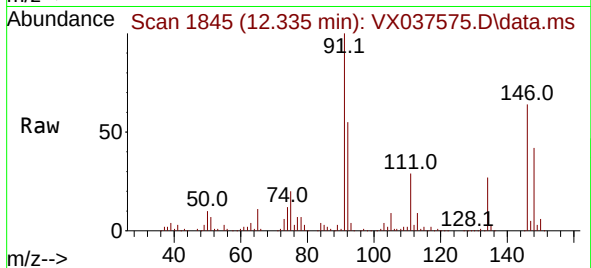
Tgt Ion: 91	Resp: 95004
Ion Ratio	Lower Upper
91	100
92	54.9 27.4 82.0
134	27.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#90

Hexachloroethane

Concen: 20.624 ug/l

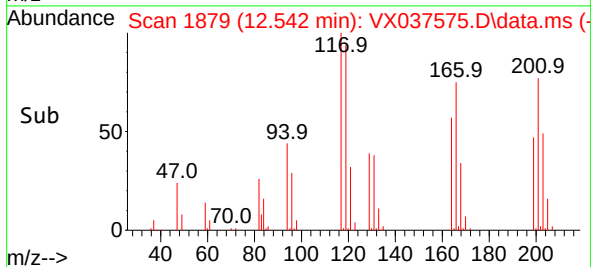
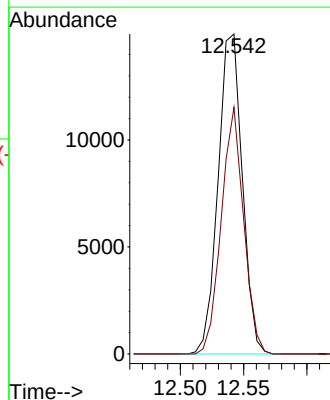
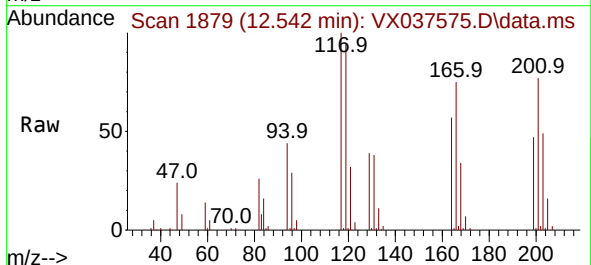
RT: 12.542 min Scan# 1879

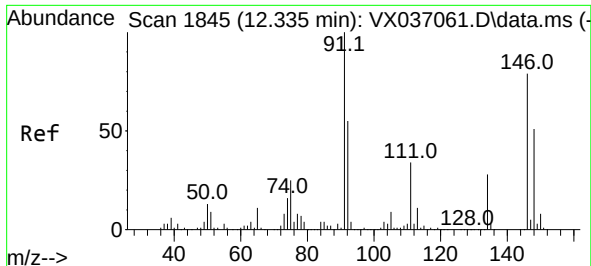
Delta R.T. 0.006 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

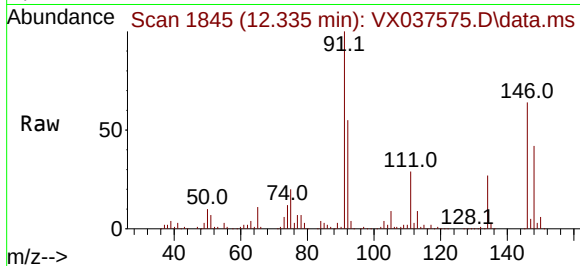
Tgt Ion:117	Resp: 19886
Ion Ratio	Lower Upper
117	100
201	71.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.882 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

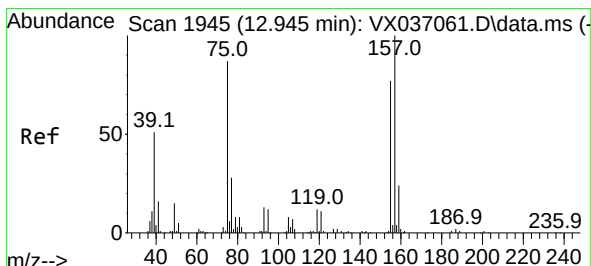
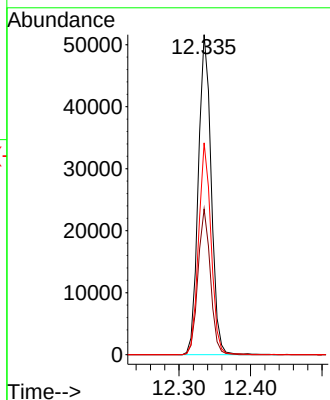
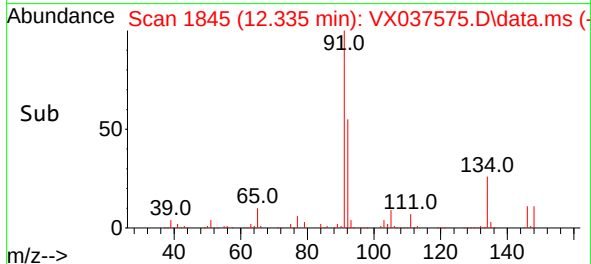
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



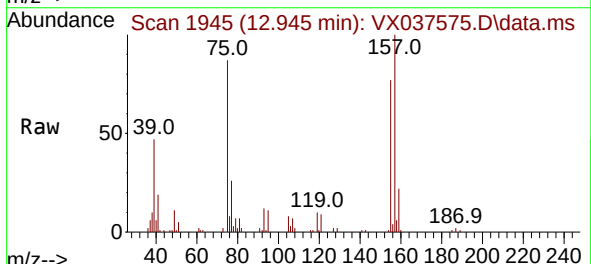
Tgt Ion:146 Resp: 64289
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

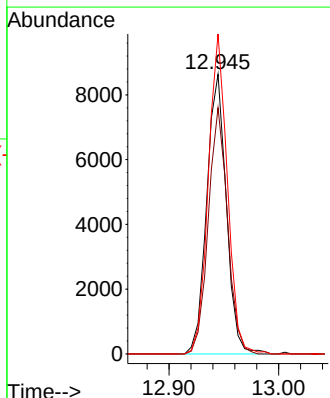
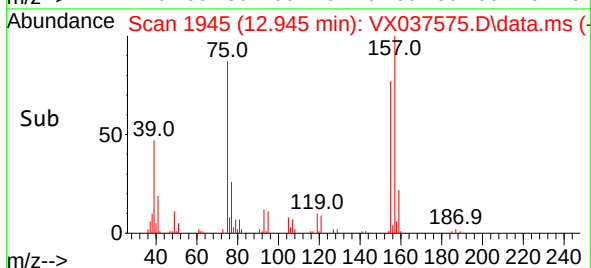
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

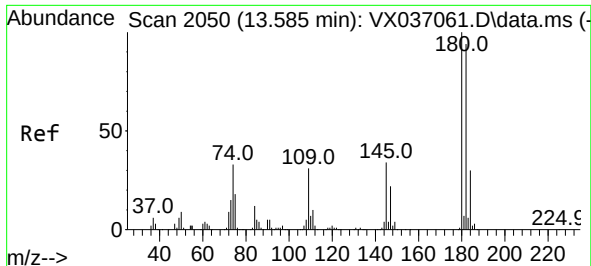


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.987 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28



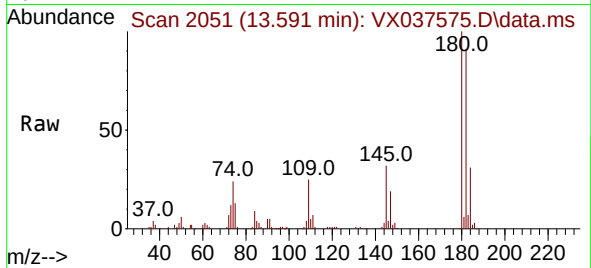
Tgt Ion: 75 Resp: 10730
Ion Ratio Lower Upper
75 100
155 86.3 36.1 108.5
157 111.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.282 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

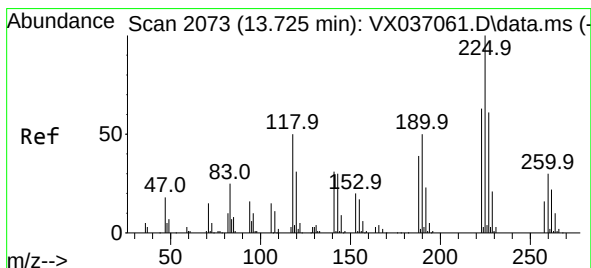
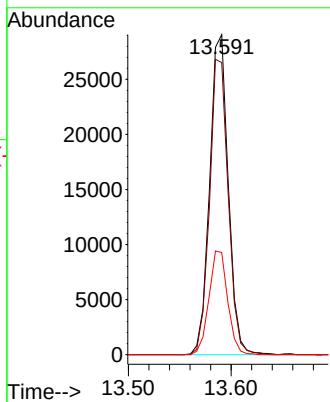
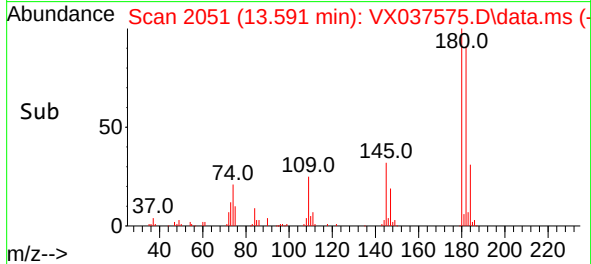
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD01



Tgt Ion:180 Resp: 3648
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.8
145 32.6 18.0 54.0

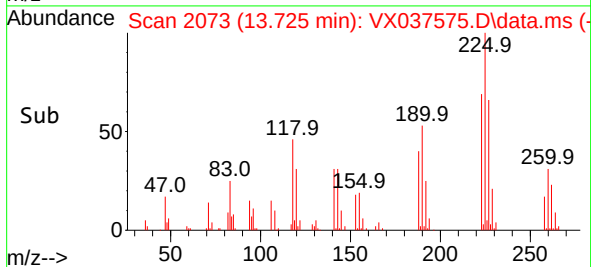
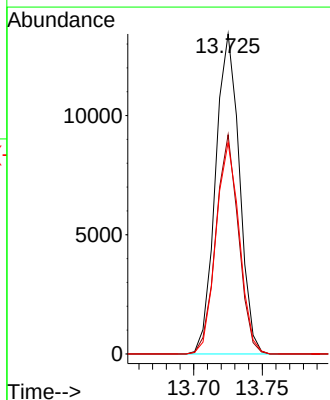
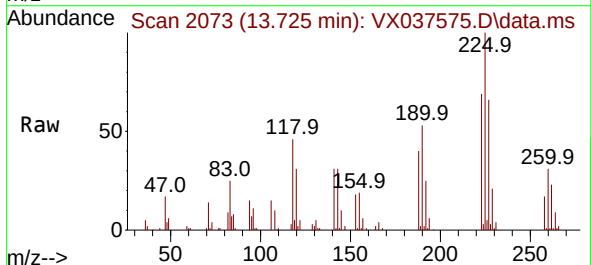
Manual Integrations
APPROVED

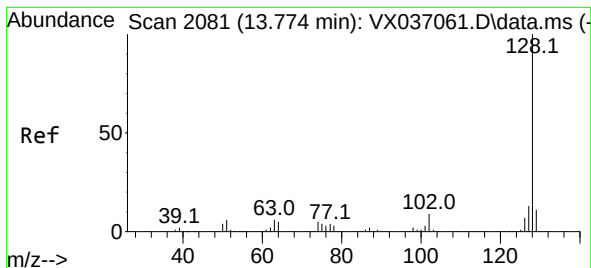
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#94
Hexachlorobutadiene
Concen: 22.187 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037575.D
Acq: 07 Sep 2023 13:28

Tgt Ion:225 Resp: 16217
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 64.8 32.5 97.5





#95

Naphthalene

Concen: 15.804 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD01

Tgt Ion:128 Resp: 13098

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

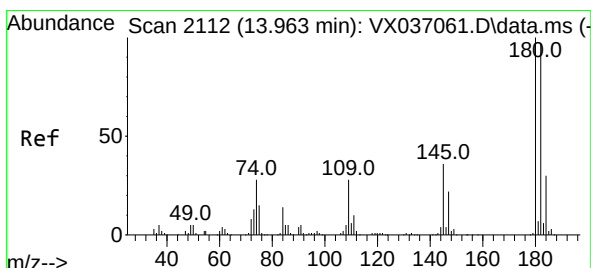
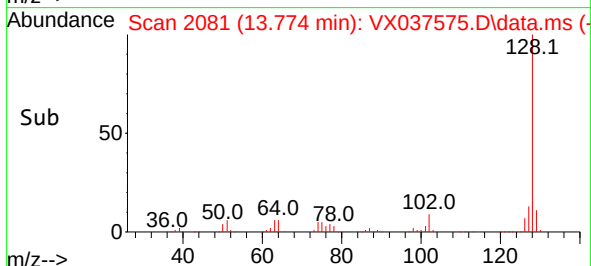
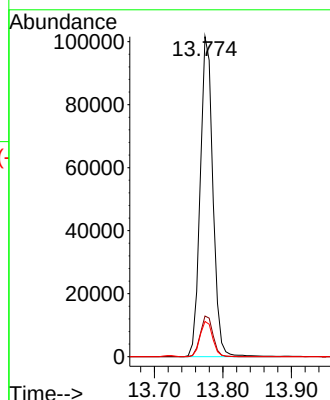
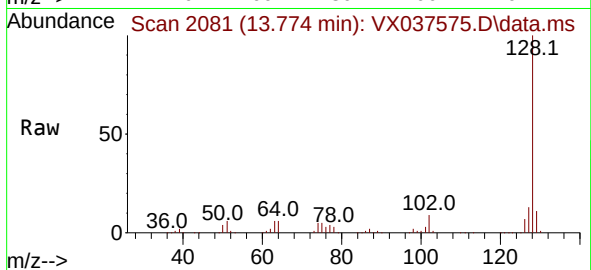
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.183 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037575.D

Acq: 07 Sep 2023 13:28

Tgt Ion:180 Resp: 37938

Ion Ratio Lower Upper

180 100

182 92.7 46.9 140.6

145 34.5 17.8 53.5

