

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037604.D
 Acq On : 08 Sep 2023 16:03
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 09 04:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	10938	5.039	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.080%#		
35) Dibromofluoromethane	5.385	113	9480	5.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.040%#		
50) Toluene-d8	8.647	98	35410	5.112	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.220%#		
62) 4-Bromofluorobenzene	11.079	95	13327	5.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7966	4.881	ug/l	94
3) Chloromethane	1.307	50	8791	4.811	ug/l	98
4) Vinyl Chloride	1.374	62	8861	4.708	ug/l	91
5) Bromomethane	1.599	94	4164	4.993	ug/l	92
6) Chloroethane	1.678	64	4630m	4.592	ug/l	
7) Trichlorofluoromethane	1.880	101	13220	5.168	ug/l	92
8) Diethyl Ether	2.136	74	5518	4.853	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	8744	5.111	ug/l	96
10) Methyl Iodide	2.447	142	10059	4.533	ug/l	91
11) Tert butyl alcohol	2.965	59	12109	24.927	ug/l	96
12) 1,1-Dichloroethene	2.312	96	8289	4.800	ug/l #	79
13) Acrolein	2.233	56	10891	22.804	ug/l	98
14) Allyl chloride	2.660	41	11644	4.808	ug/l #	87
15) Acrylonitrile	3.062	53	24609	23.236	ug/l	99
16) Acetone	2.380	43	22007	24.651	ug/l #	89
17) Carbon Disulfide	2.508	76	20027	4.630	ug/l	97
18) Methyl Acetate	2.703	43	17276	4.770	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	29105	4.754	ug/l	99
20) Methylene Chloride	2.782	84	11441	4.664	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	9142	4.739	ug/l	83
22) Diisopropyl ether	3.757	45	24501	4.778	ug/l #	96
23) Vinyl Acetate	3.721	43	84628	23.117	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	15881	4.752	ug/l	95
25) 2-Butanone	4.556	43	32580	24.063	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	11750	4.769	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	11133	4.843	ug/l	84
28) Bromochloromethane	4.903	49	7039	4.826	ug/l #	70
29) Tetrahydrofuran	5.013	42	20378	23.494	ug/l #	82
30) Chloroform	5.092	83	16963	4.731	ug/l	99
31) Cyclohexane	5.470	56	12893	4.881	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	14278	4.623	ug/l	95
36) 1,1-Dichloropropene	5.690	75	12567	5.037	ug/l	96
37) Ethyl Acetate	4.721	43	12247	4.788	ug/l #	90
38) Carbon Tetrachloride	5.672	117	12077	4.684	ug/l	93
39) Methylcyclohexane	7.379	83	15286	5.025	ug/l	90
40) Benzene	6.031	78	38415	5.004	ug/l	97

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Manual Integrations
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Reviewed By : John Carlone 09/09/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6355	4.877	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	12846	4.998	ug/l	90
43) Isopropyl Acetate	6.342	43	18325	4.783	ug/l #	91
44) Trichloroethene	7.123	130	10390	4.928	ug/l	90
45) 1,2-Dichloropropane	7.427	63	9297	4.945	ug/l	98
46) Dibromomethane	7.580	93	7043	4.992	ug/l	93
47) Bromodichloromethane	7.818	83	11934	4.629	ug/l	99
48) Methyl methacrylate	7.696	41	8659	4.722	ug/l #	78
49) 1,4-Dioxane	7.671	88	5542	96.326	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	61431	25.211	ug/l	90
52) Toluene	8.720	92	24960	5.006	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	11888	4.441	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	13837	4.646	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	10353	4.994	ug/l	91
56) Ethyl methacrylate	9.116	69	13969	4.625	ug/l #	80
57) 1,3-Dichloropropane	9.305	76	17278	5.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	37155	24.313	ug/l	91
59) 2-Hexanone	9.433	43	46459	24.999	ug/l	87
60) Dibromochloromethane	9.518	129	9222	4.468	ug/l	98
61) 1,2-Dibromoethane	9.610	107	10983	4.947	ug/l	98
64) Tetrachloroethene	9.275	164	8772	4.862	ug/l	98
65) Chlorobenzene	10.079	112	27951	4.938	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9383	4.677	ug/l	98
67) Ethyl Benzene	10.195	91	46649	4.848	ug/l	97
68) m/p-Xylenes	10.299	106	37008	9.777	ug/l	95
69) o-Xylene	10.640	106	17910	4.759	ug/l	99
70) Styrene	10.652	104	29632	4.843	ug/l	96
71) Bromoform	10.799	173	6242	4.321	ug/l #	96
73) Isopropylbenzene	10.963	105	46746	4.790	ug/l	100
74) N-amyl acetate	10.841	43	15096	4.487	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	16241	4.789	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	14322m	4.699	ug/l	
77) Bromobenzene	11.195	156	11432	4.732	ug/l	90
78) n-propylbenzene	11.305	91	52685	4.854	ug/l	99
79) 2-Chlorotoluene	11.366	91	33367	4.838	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	39981	4.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3244	5.426	ug/l	99
82) 4-Chlorotoluene	11.457	91	37682	4.846	ug/l	97
83) tert-Butylbenzene	11.713	119	38455	4.608	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	39719	4.799	ug/l	97
85) sec-Butylbenzene	11.890	105	49896	4.959	ug/l	100
86) p-Isopropyltoluene	12.006	119	42278	4.962	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22621	4.922	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	23337	4.991	ug/l	97
89) n-Butylbenzene	12.335	91	34553	4.935	ug/l	99
90) Hexachloroethane	12.536	117	6255	4.320	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	22193	4.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3030	4.196	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	13096	4.729	ug/l	98
94) Hexachlorobutadiene	13.725	225	6238	5.103	ug/l	98
95) Naphthalene	13.774	128	42794	4.424	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13431	4.695	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

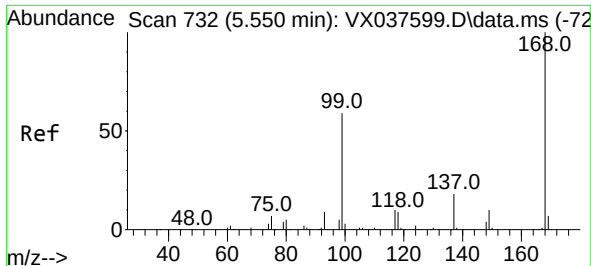
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Sep 09 03:56:07 2023
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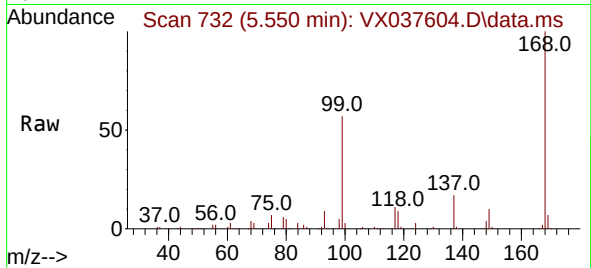
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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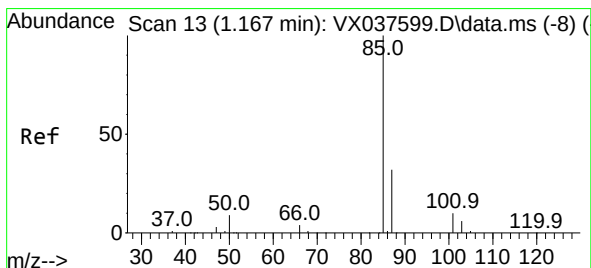
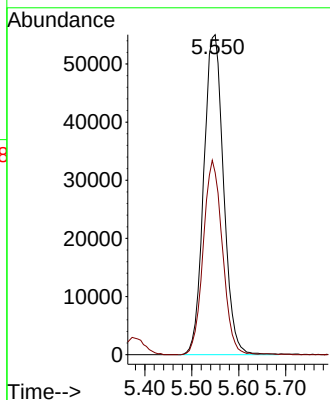
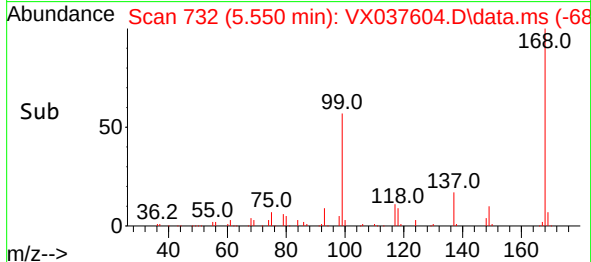
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 160820
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0

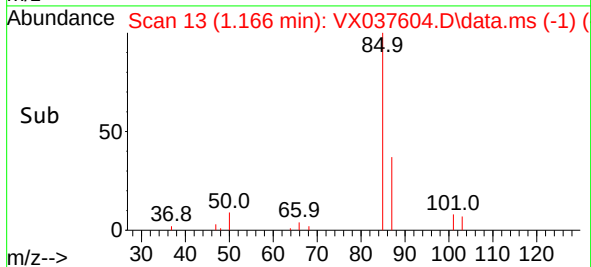
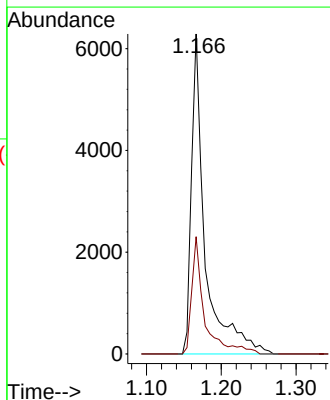
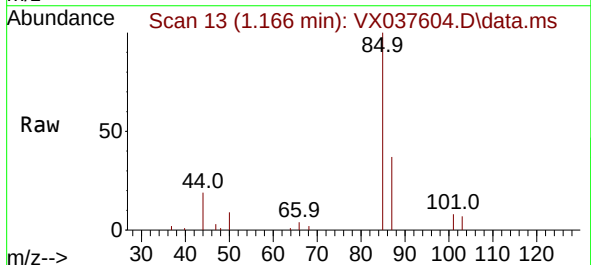
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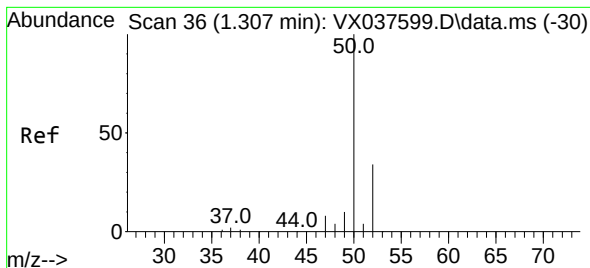
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#2
Dichlorodifluoromethane
Concen: 4.881 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 85 Resp: 7966
Ion Ratio Lower Upper
85 100
87 36.6 16.7 50.1





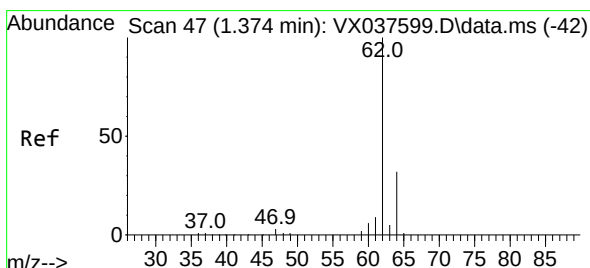
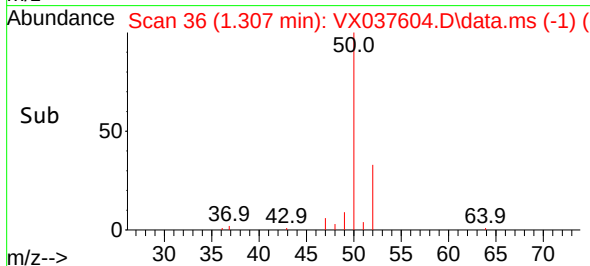
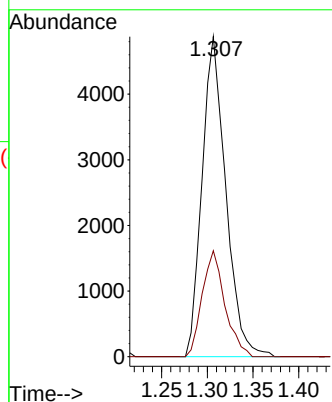
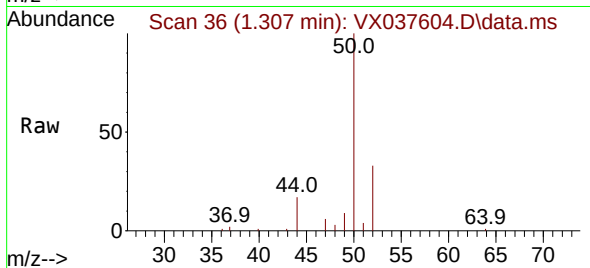
#3
Chloromethane
Concen: 4.811 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

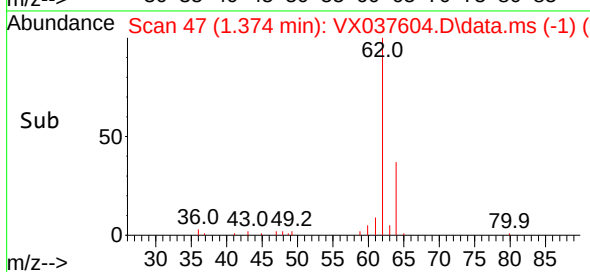
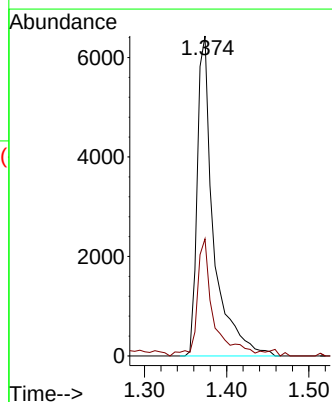
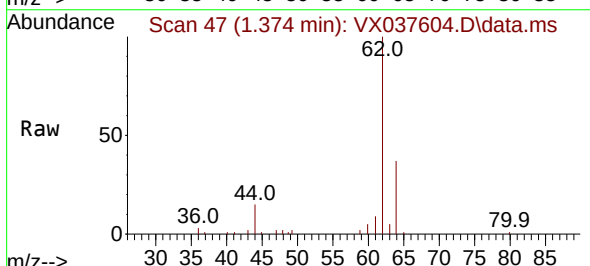
Manual Integrations
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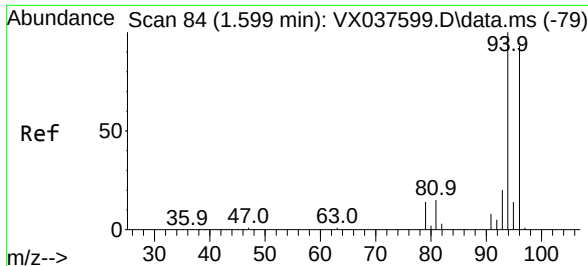
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#4
Vinyl Chloride
Concen: 4.708 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

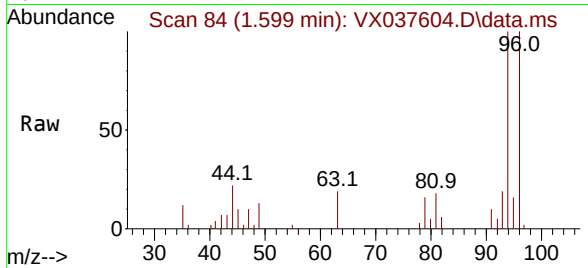
Tgt Ion: 62 Resp: 8861
Ion Ratio Lower Upper
62 100
64 36.6 25.4 38.0





#5
Bromomethane
Concen: 4.993 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

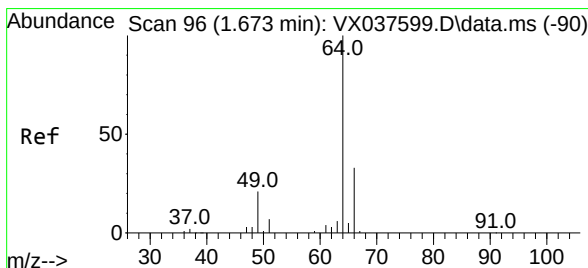
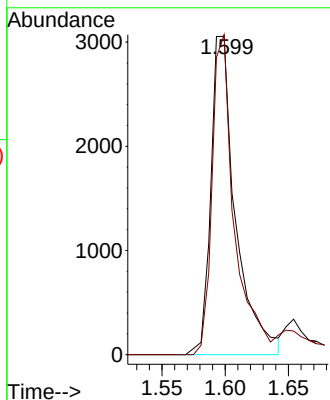
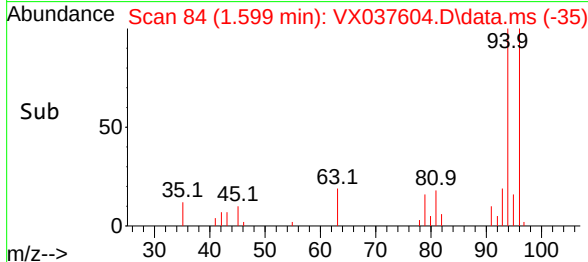
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 4164
Ion Ratio Lower Upper
94 100
96 100.5 74.6 111.8

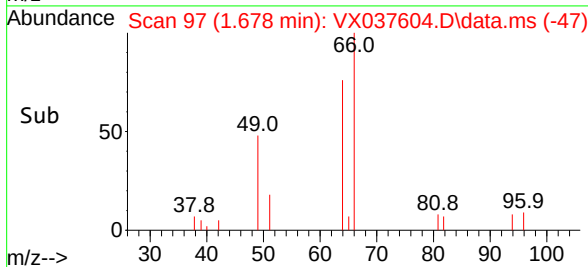
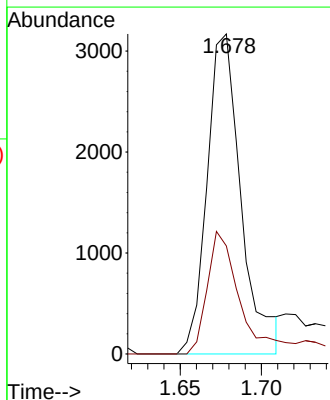
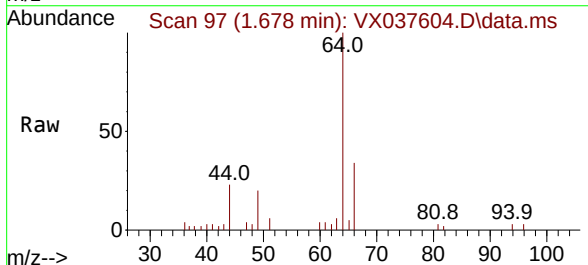
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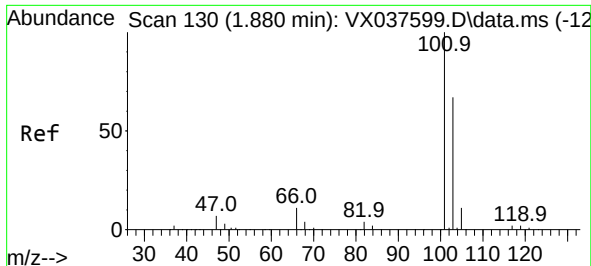
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#6
Chloroethane
Concen: 4.592 ug/l m
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 64 Resp: 4630
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7





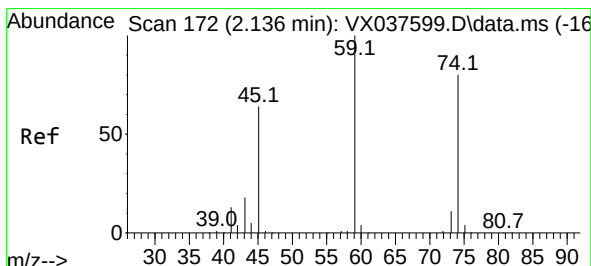
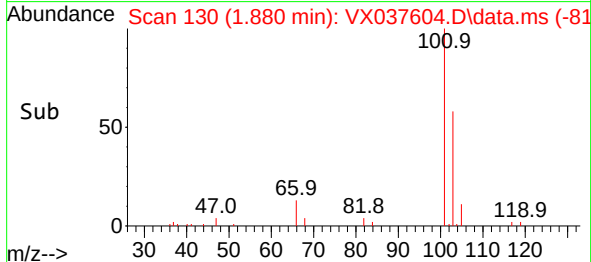
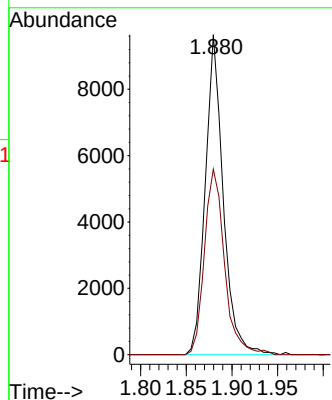
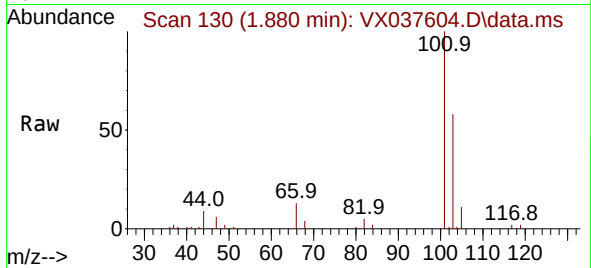
#7
Trichlorofluoromethane
Concen: 5.168 ug/l
RT: 1.880 min Scan# 130
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 13220
Ion Ratio Lower Upper
101 100
103 57.9 51.4 77.2

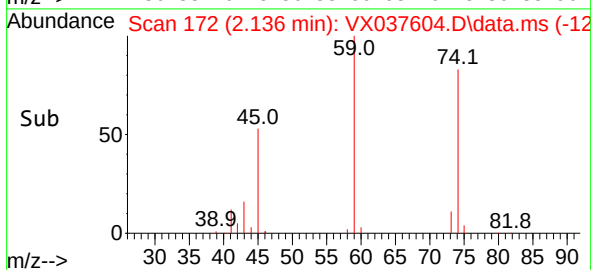
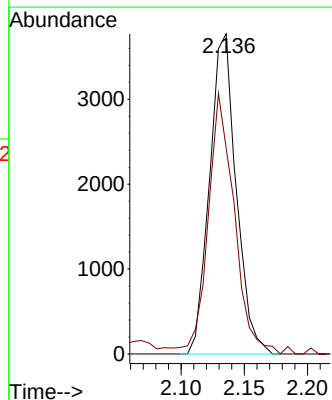
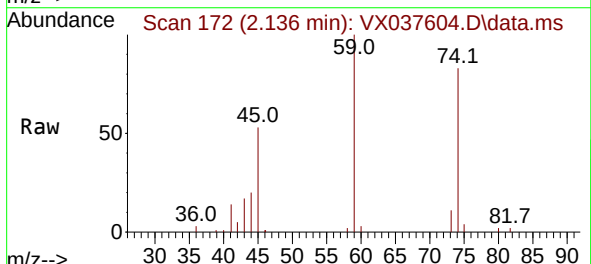
Manual Integrations
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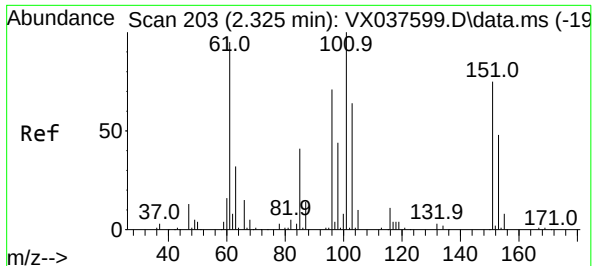
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#8
Diethyl Ether
Concen: 4.853 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 74 Resp: 5518
Ion Ratio Lower Upper
74 100
45 80.2 53.3 159.8





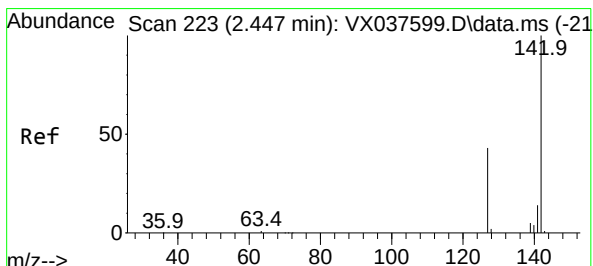
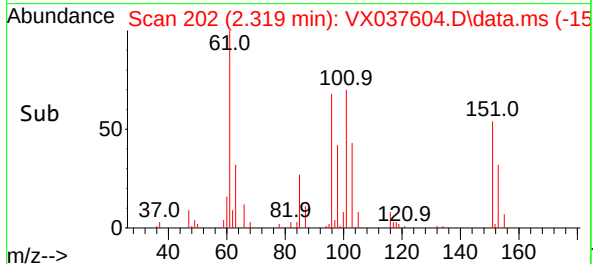
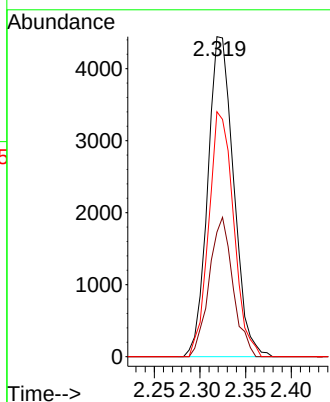
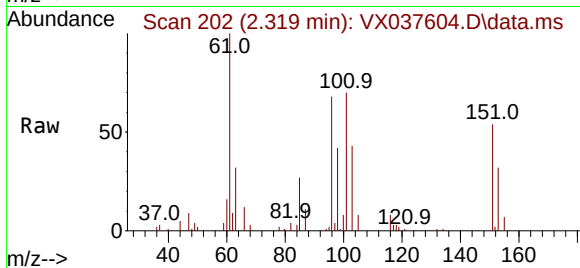
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.111 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8744
Ion Ratio Lower Upper
101 100
85 39.9 37.0 55.6
151 73.7 58.6 87.8

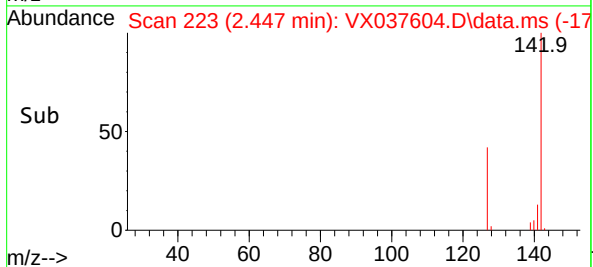
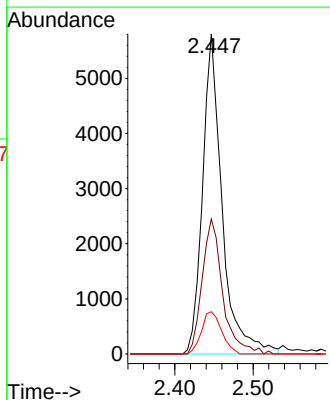
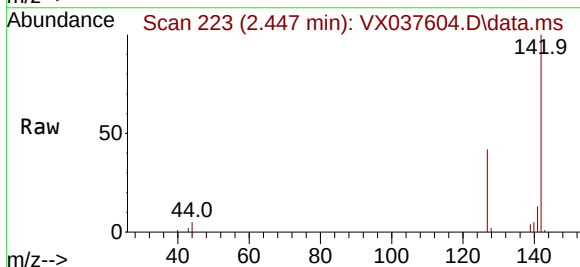
Manual Integrations
APPROVED

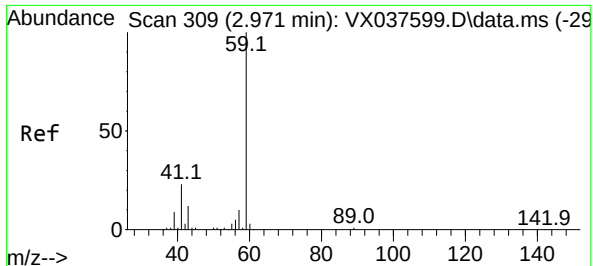
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
Methyl Iodide
Concen: 4.533 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:142 Resp: 10059
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 24.927 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

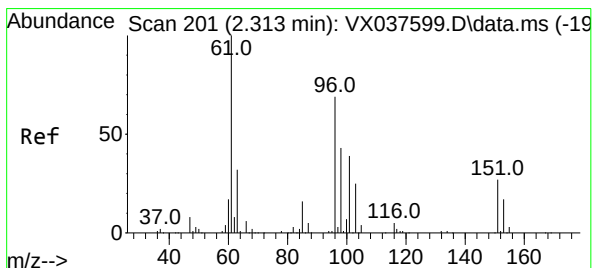
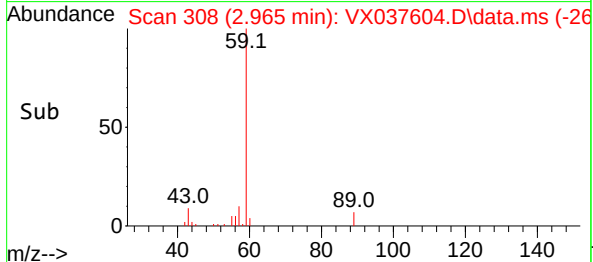
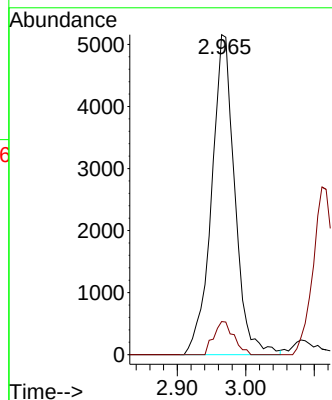
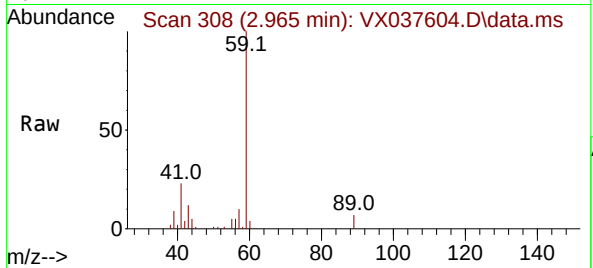
Tgt Ion: 59 Resp: 12109
 Ion Ratio Lower Upper
 59 100
 57 8.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#12

1,1-Dichloroethene

Concen: 4.800 ug/l

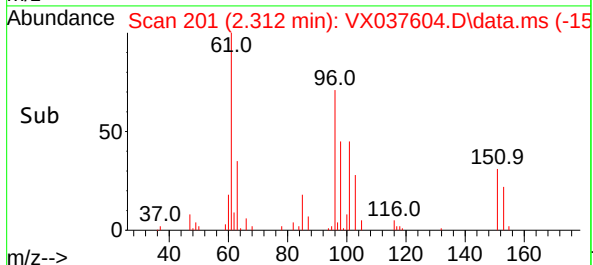
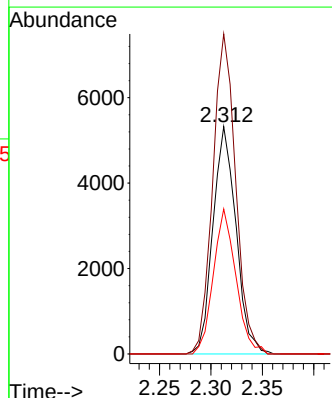
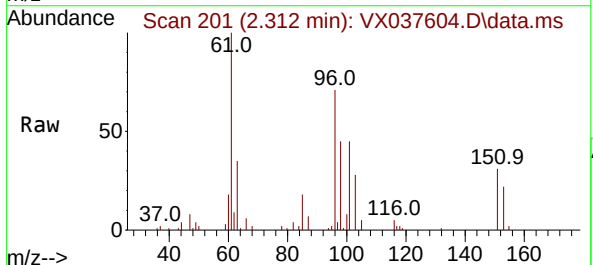
RT: 2.312 min Scan# 201

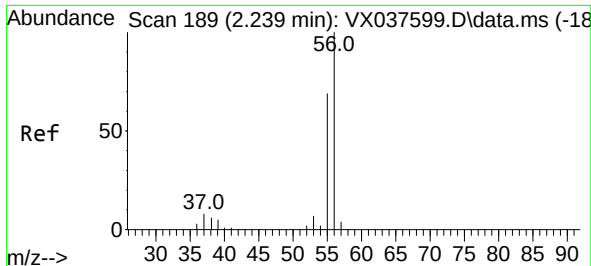
Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

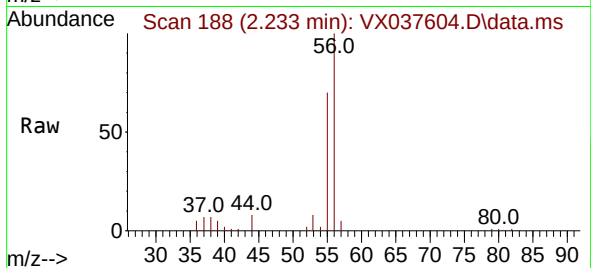
Tgt Ion: 96 Resp: 8289
 Ion Ratio Lower Upper
 96 100
 61 140.7 144.6 216.8#
 98 63.7 50.4 75.6





#13
Acrolein
Concen: 22.804 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

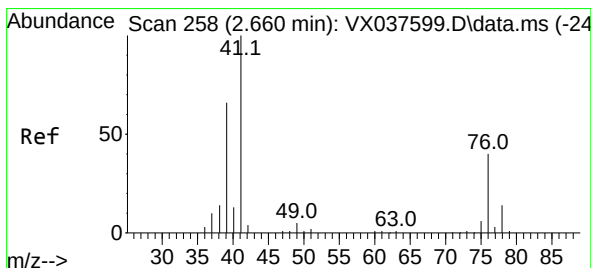
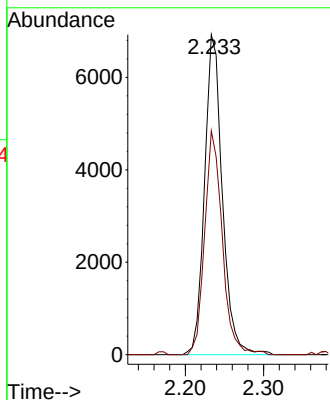
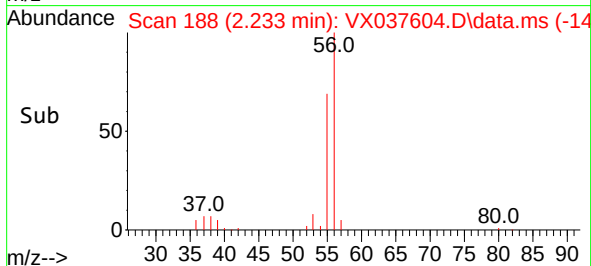
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1089
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7

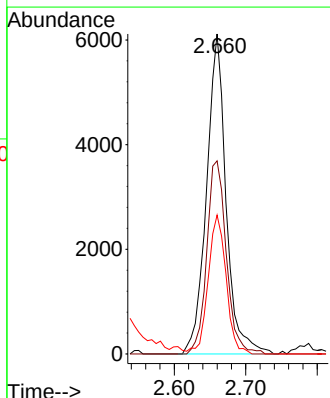
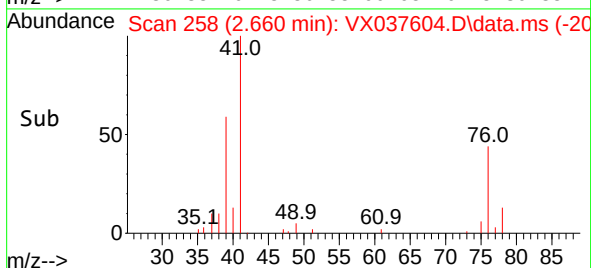
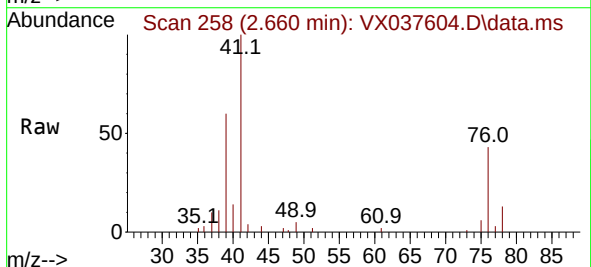
Manual Integrations
APPROVED

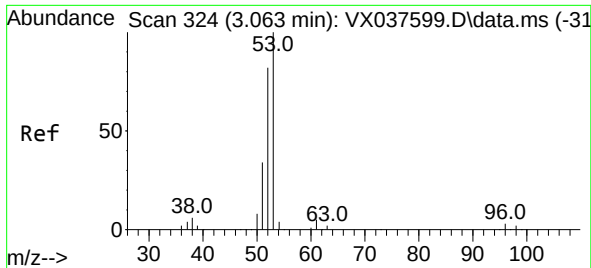
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#14
Allyl chloride
Concen: 4.808 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

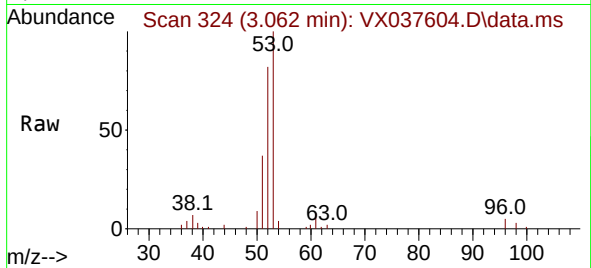
Tgt Ion: 41 Resp: 11644
Ion Ratio Lower Upper
41 100
39 60.3 55.8 83.6
76 39.7 24.3 36.5





#15
Acrylonitrile
Concen: 23.236 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

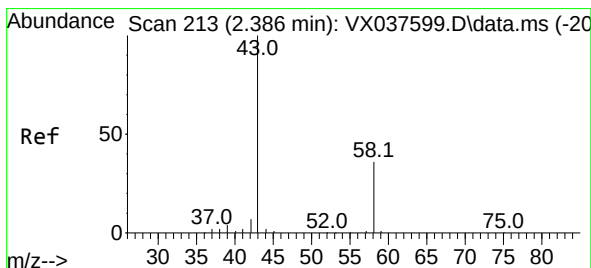
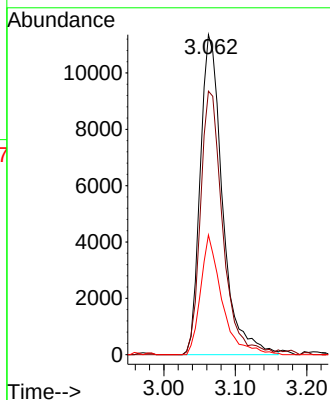
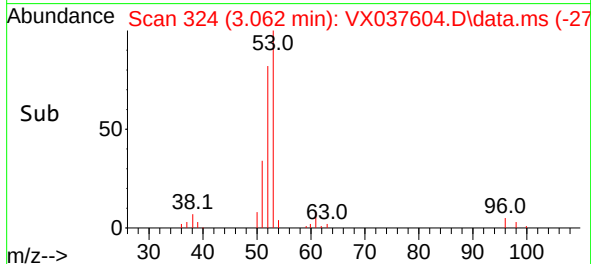
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



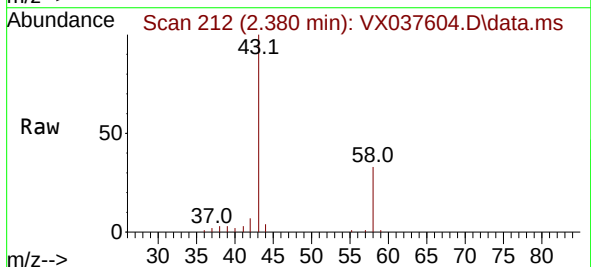
Tgt Ion: 53 Resp: 24609
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 35.7 29.8 44.6

Manual Integrations
APPROVED

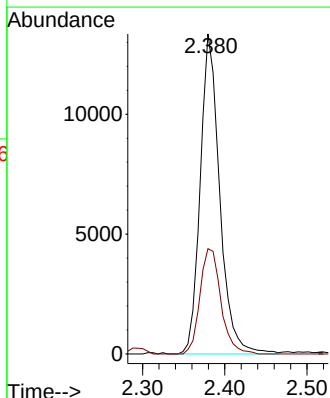
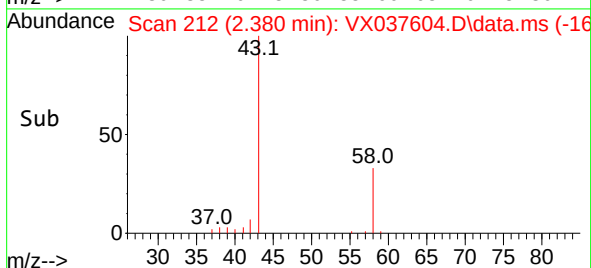
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

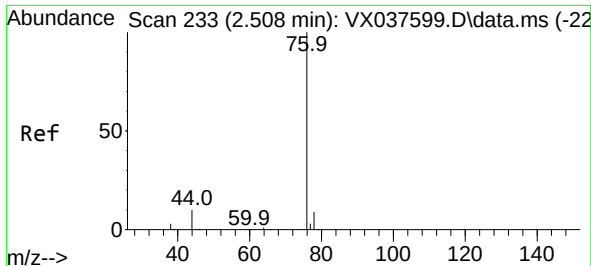


#16
Acetone
Concen: 24.651 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



Tgt Ion: 43 Resp: 22007
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9





#17

Carbon Disulfide

Concen: 4.630 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2002

Ion Ratio Lower Upper

76 100

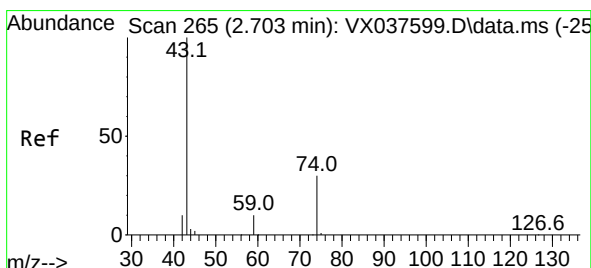
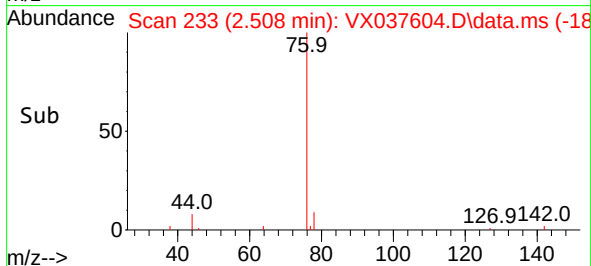
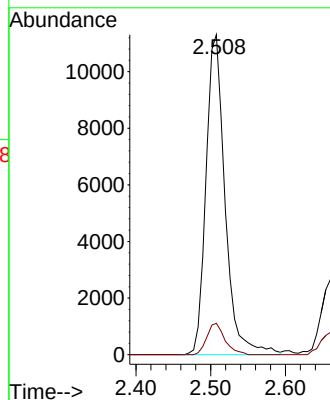
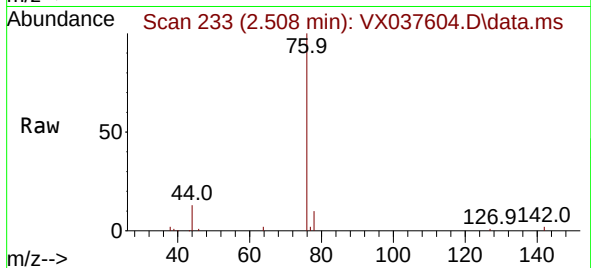
78 9.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#18

Methyl Acetate

Concen: 4.770 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037604.D

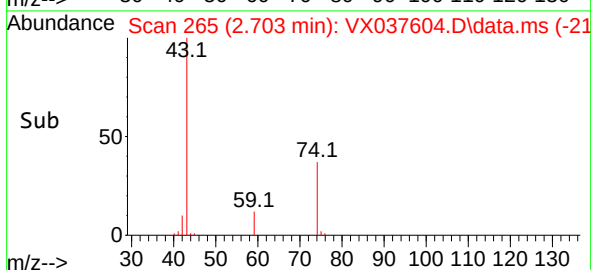
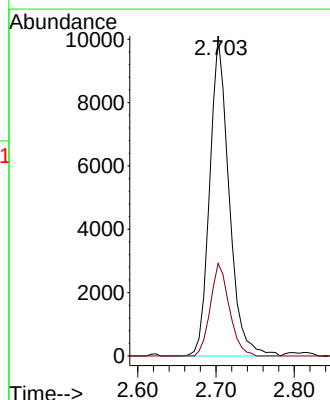
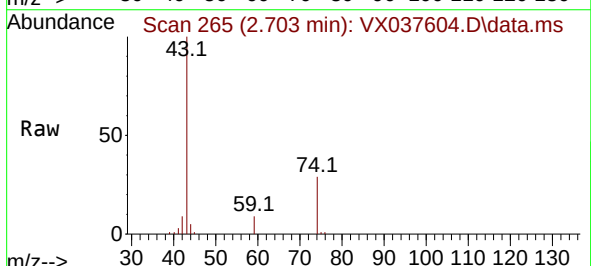
Acq: 08 Sep 2023 16:03

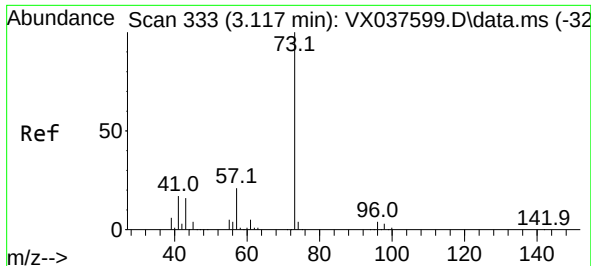
Tgt Ion: 43 Resp: 17276

Ion Ratio Lower Upper

43 100

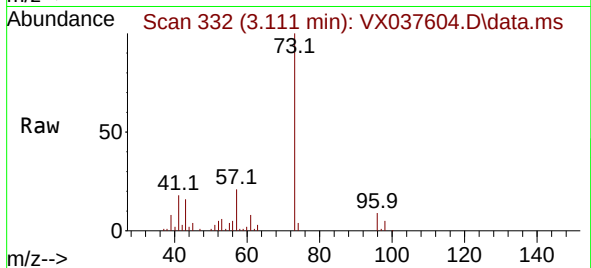
74 28.4 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 4.754 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

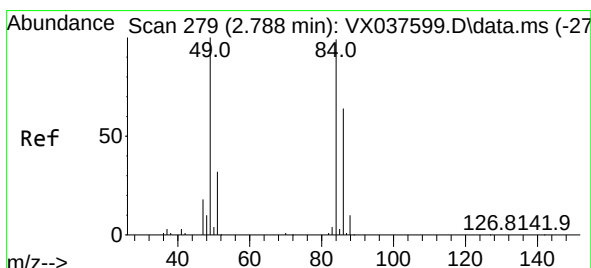
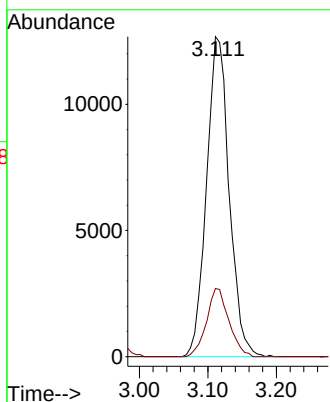
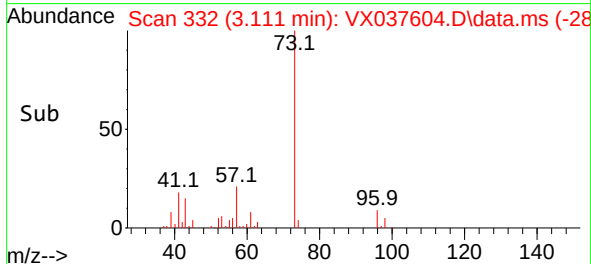
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 2910
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

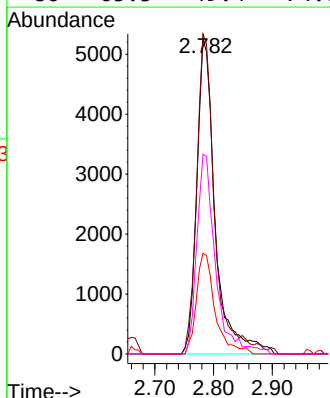
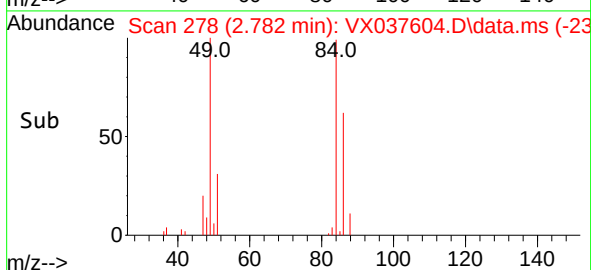
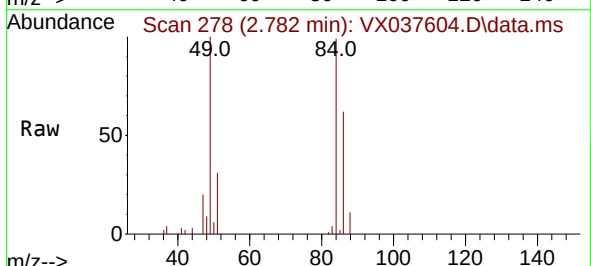
Manual Integrations
APPROVED

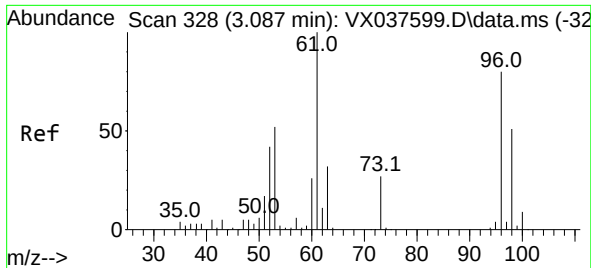
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 4.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

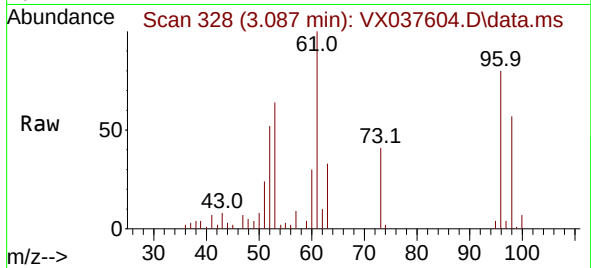
Tgt Ion: 84 Resp: 11441
Ion Ratio Lower Upper
84 100
49 101.4 103.6 155.4#
51 31.9 33.8 50.6#
86 63.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.739 ug/l
RT: 3.087 min Scan# 314
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

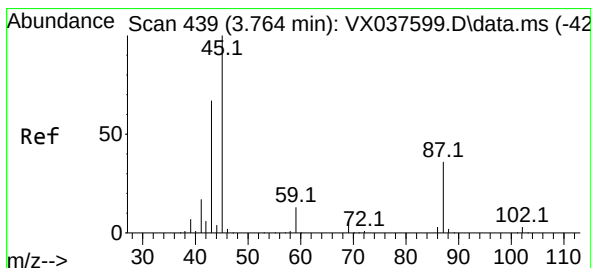
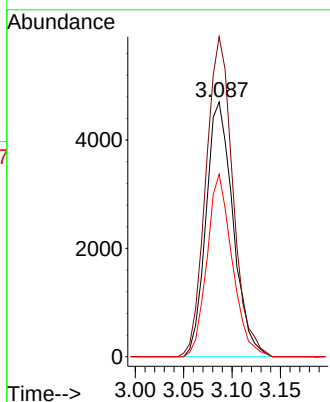
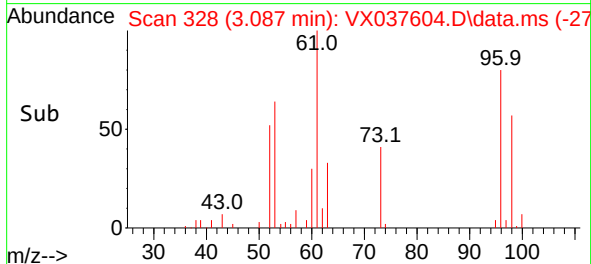
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



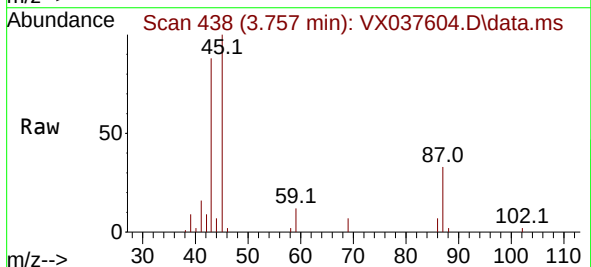
Tgt Ion: 96 Resp: 914
Ion Ratio Lower Upper
96 100
61 125.7 119.2 178.8
98 71.7 48.7 73.1

Manual Integrations
APPROVED

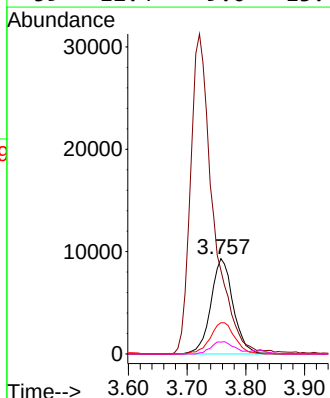
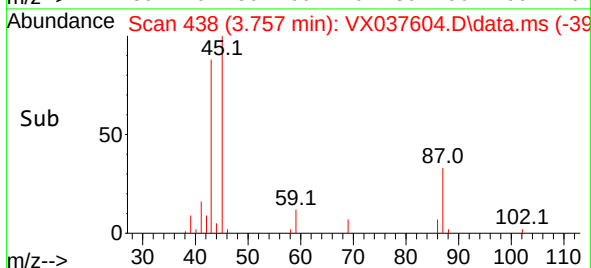
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

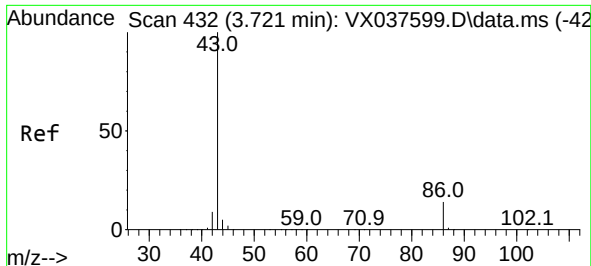


#22
Diisopropyl ether
Concen: 4.778 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



Tgt Ion: 45 Resp: 24501
Ion Ratio Lower Upper
45 100
43 85.3 69.7 104.5
87 32.7 20.8 31.2#
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 23.117 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

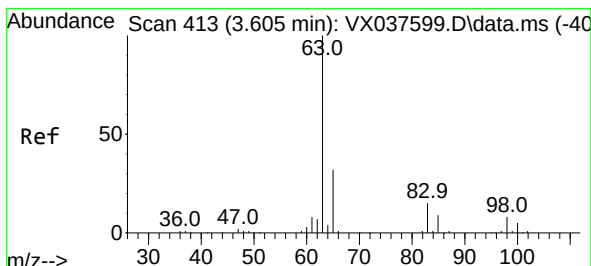
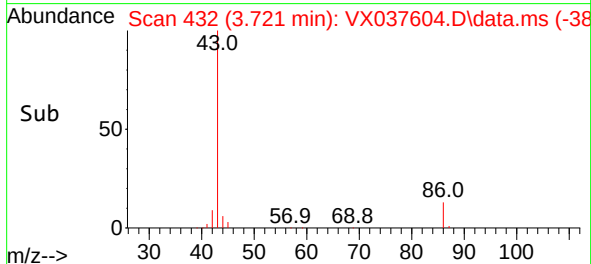
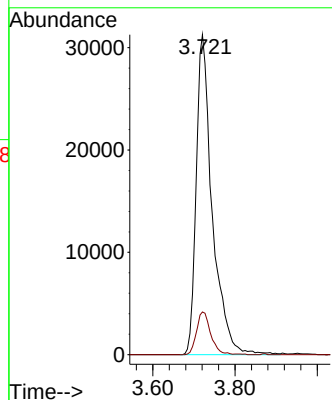
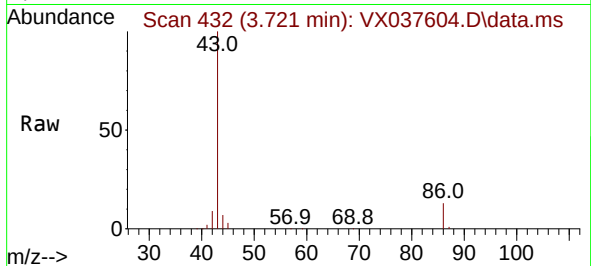
Tgt Ion: 43 Resp: 84628
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.8 11.8

Manual Integrations

APPROVED

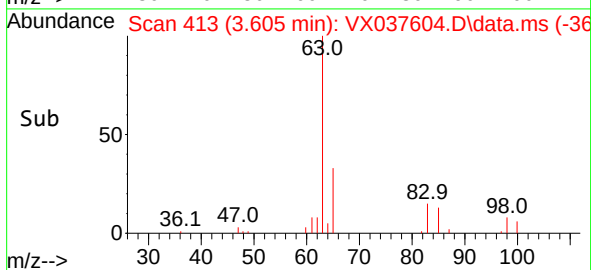
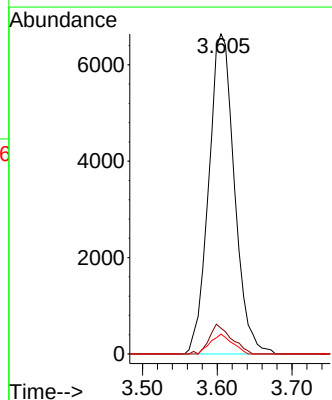
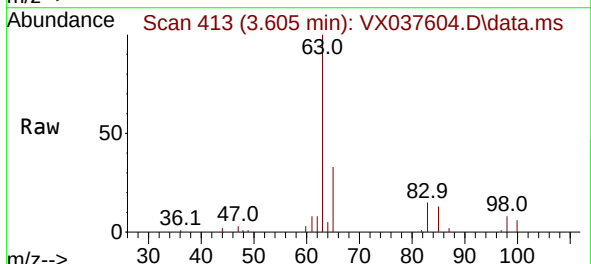
Reviewed By :John Carlone 09/09/2023

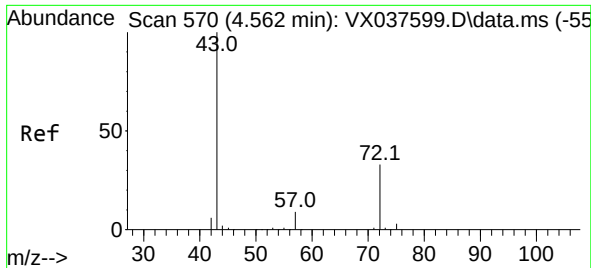
Supervised By :Mahesh Dadoda 09/11/2023



#24
 1,1-Dichloroethane
 Concen: 4.752 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Tgt Ion: 63 Resp: 15881
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 6.2 2.1 6.5





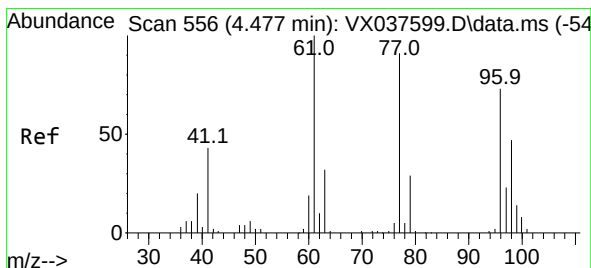
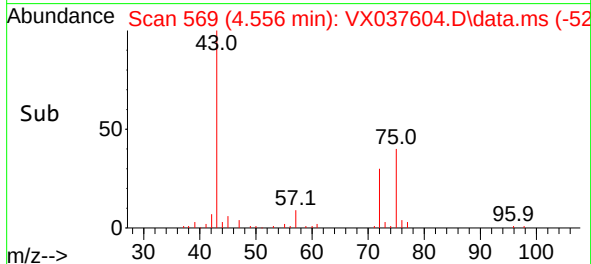
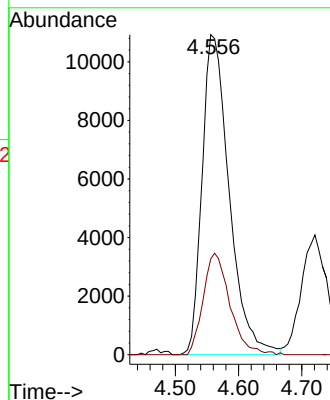
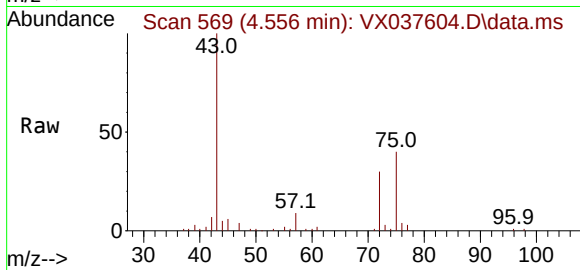
#25
2-Butanone
Concen: 24.063 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 32580
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2

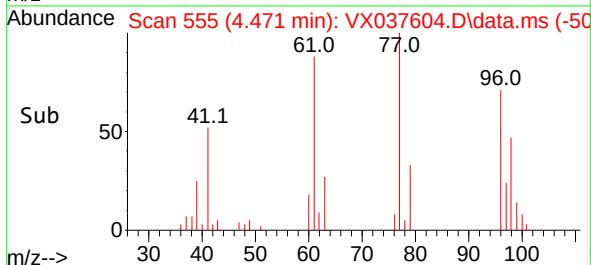
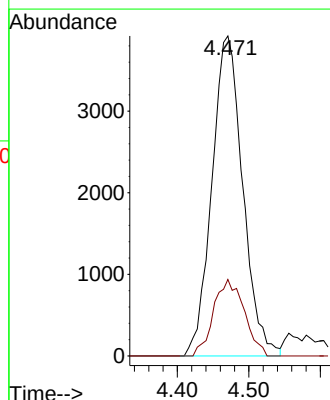
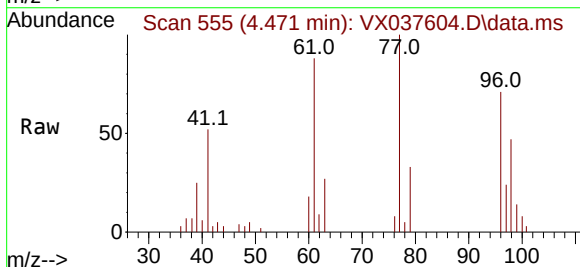
Manual Integrations
APPROVED

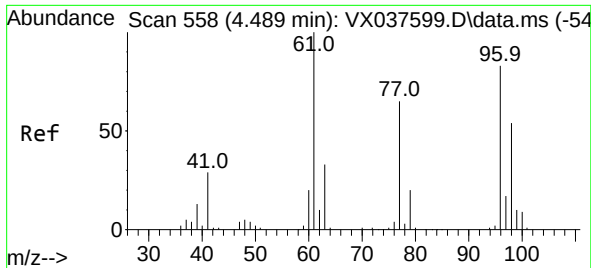
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#26
2,2-Dichloropropane
Concen: 4.769 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 77 Resp: 11750
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.843 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1113

Ion Ratio Lower Upper

96 100

61 126.5 0.0 312.2

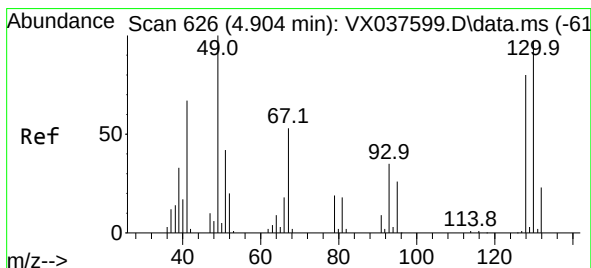
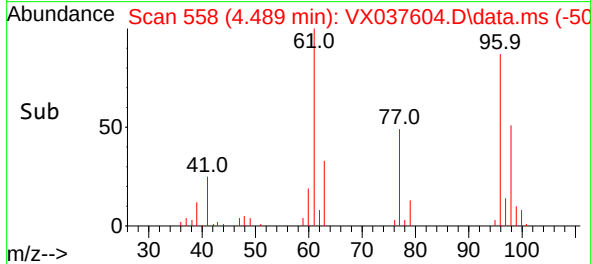
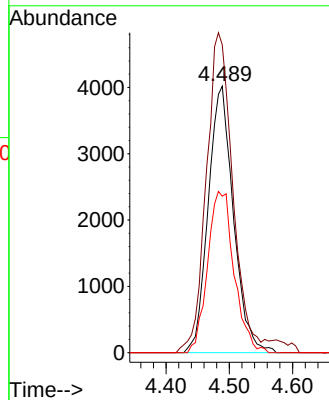
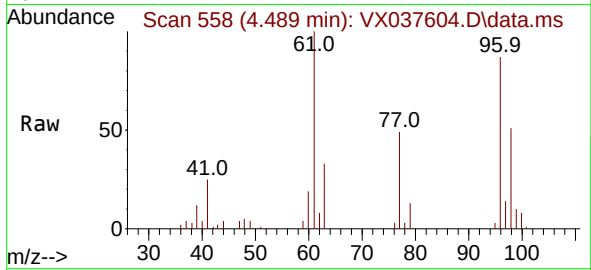
98 63.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#28

Bromochloromethane

Concen: 4.826 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

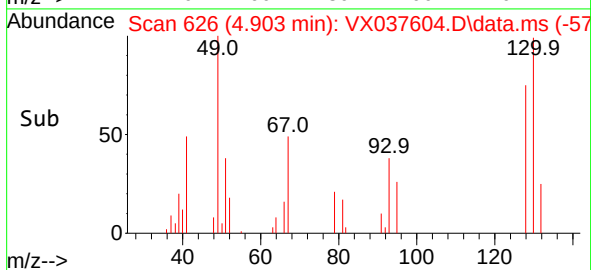
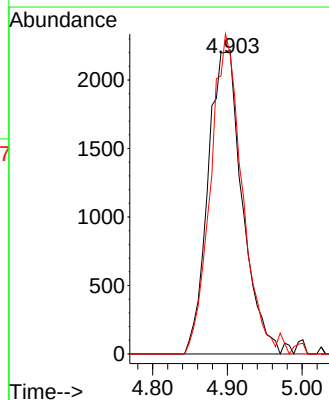
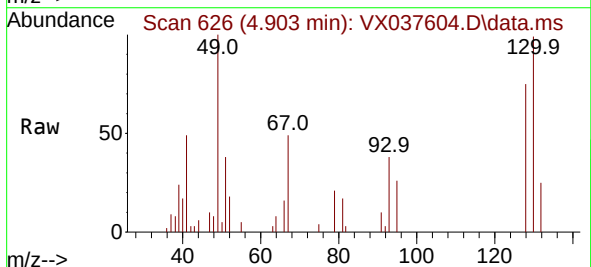
Tgt Ion: 49 Resp: 7039

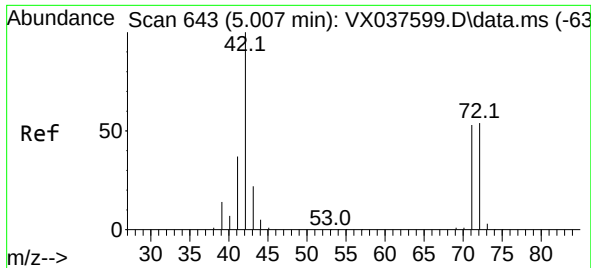
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 97.2 57.5 86.3#





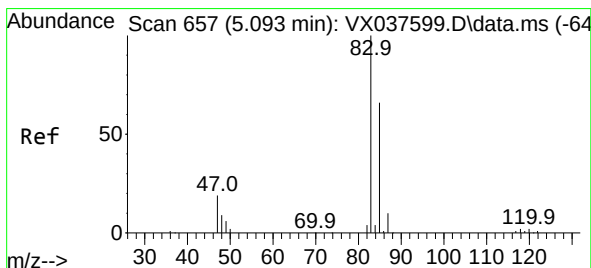
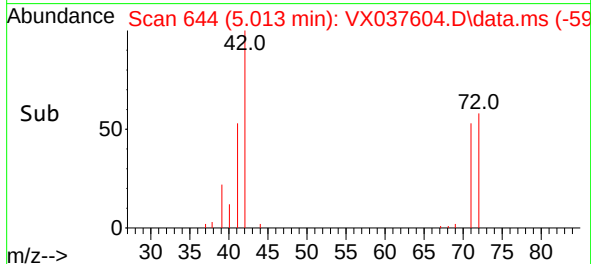
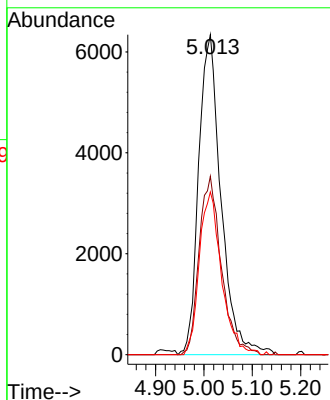
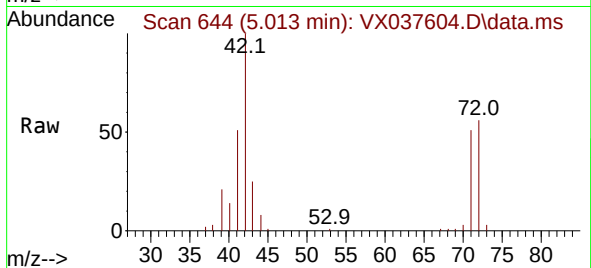
#29
Tetrahydrofuran
Concen: 23.494 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 20378
Ion Ratio Lower Upper
42 100
72 55.3 34.2 51.4
71 50.4 32.2 48.2

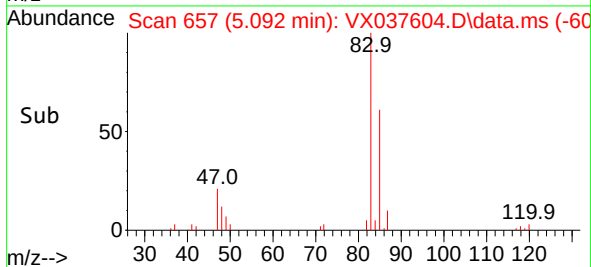
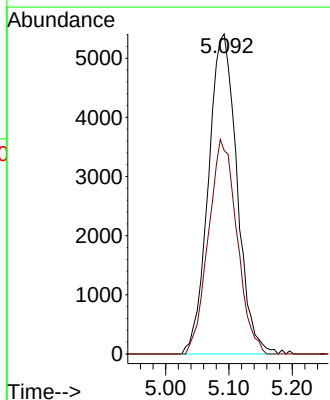
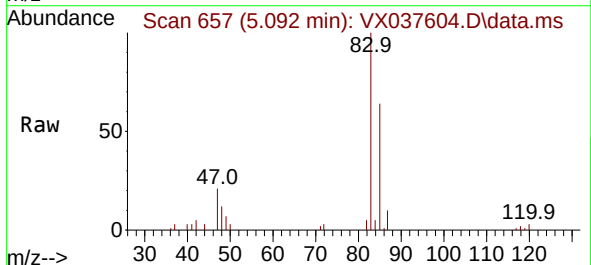
Manual Integrations
APPROVED

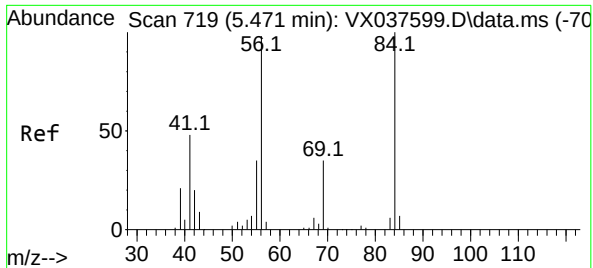
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#30
Chloroform
Concen: 4.731 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

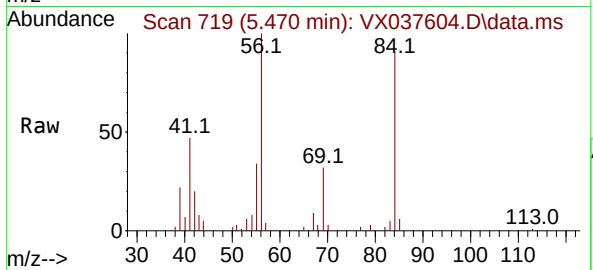
Tgt Ion: 83 Resp: 16963
Ion Ratio Lower Upper
83 100
85 63.6 50.3 75.5





#31
Cyclohexane
Concen: 4.881 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

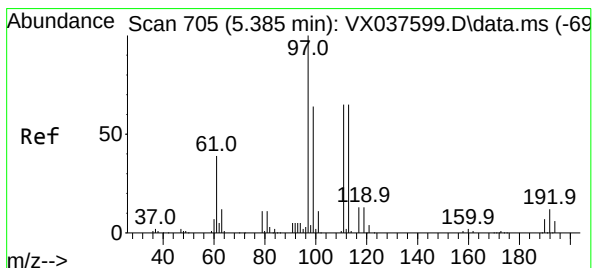
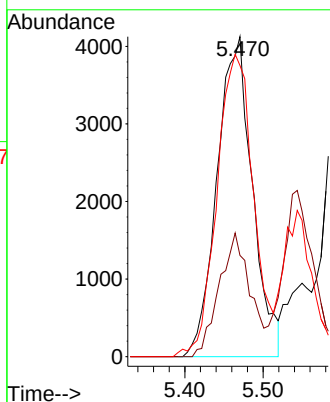
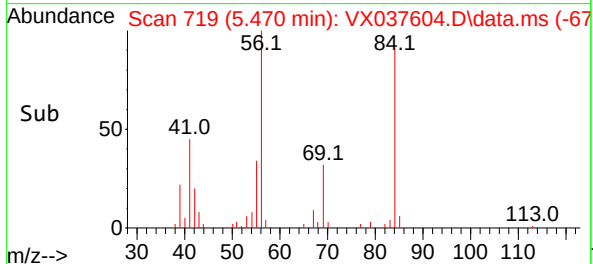
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1289
Ion Ratio Lower Upper
56 100
69 31.7 23.4 35.2
84 89.8 65.9 98.9

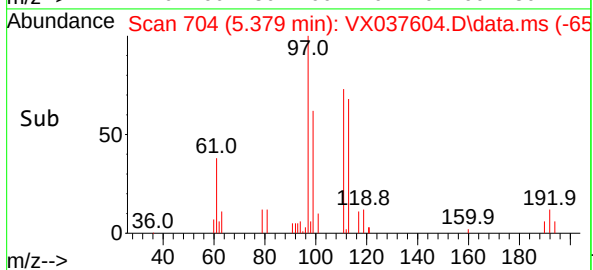
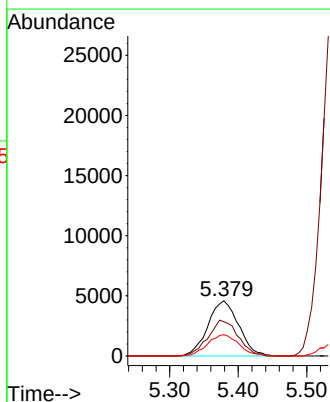
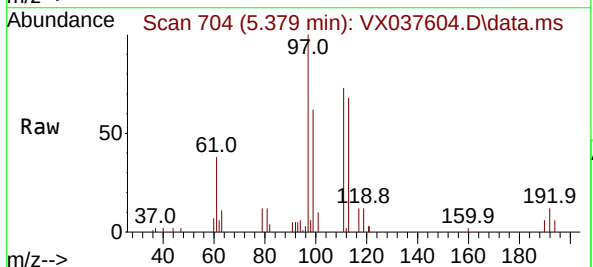
Manual Integrations
APPROVED

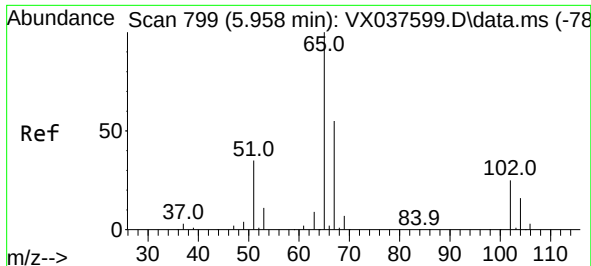
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#32
1,1,1-Trichloroethane
Concen: 4.623 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 97 Resp: 14278
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 39.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.039 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 10938

Ion Ratio Lower Upper

65 100

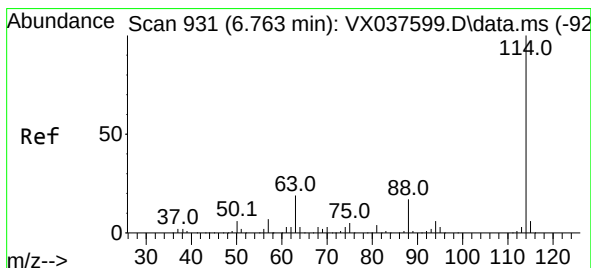
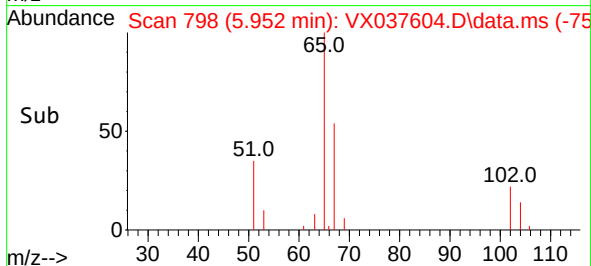
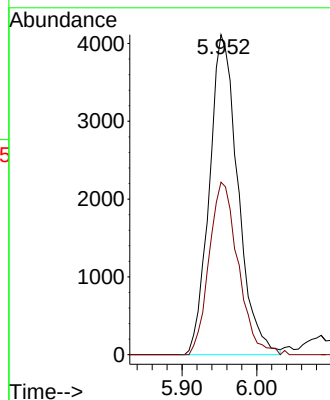
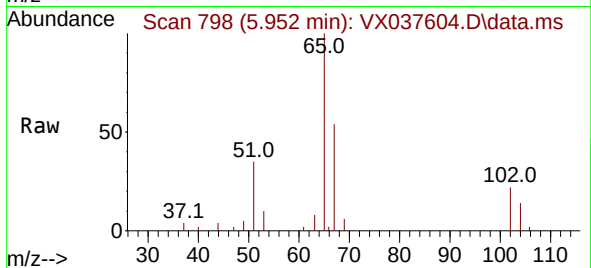
67 54.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

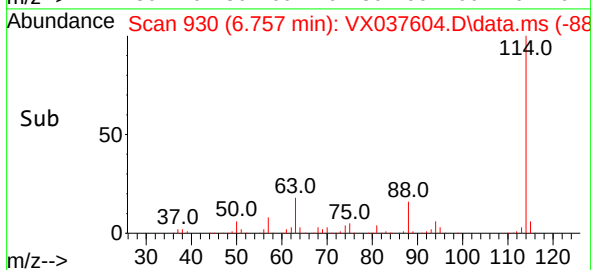
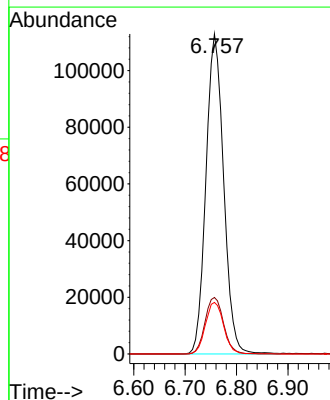
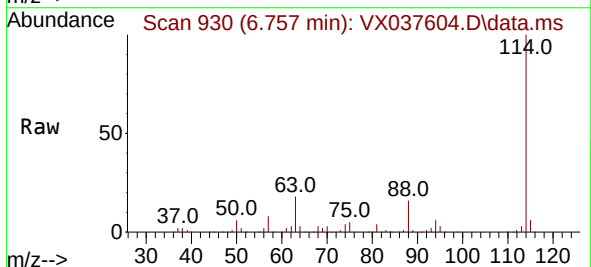
Tgt Ion:114 Resp: 269994

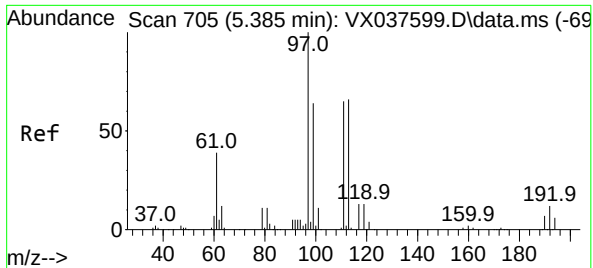
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.020 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

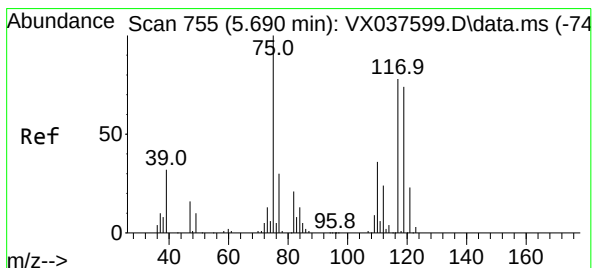
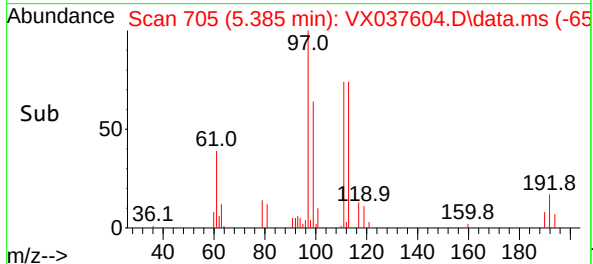
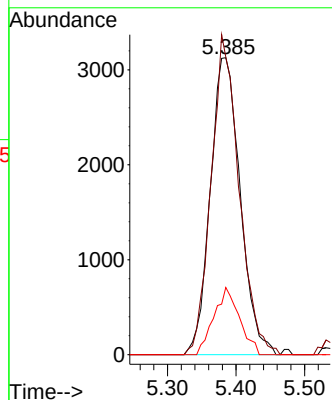
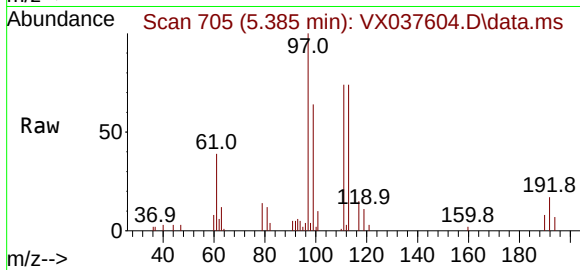
Tgt Ion:	113	Resp:	9480
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.9	124.3
192	19.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#36

1,1-Dichloropropene

Concen: 5.037 ug/l

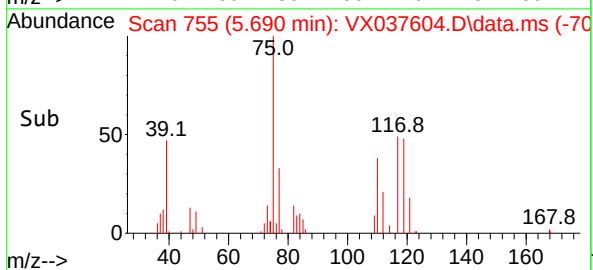
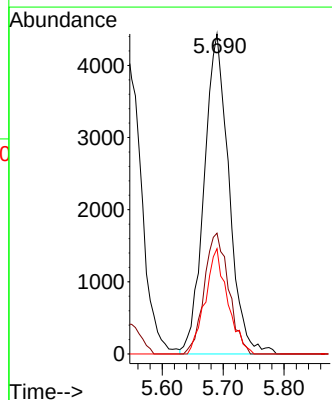
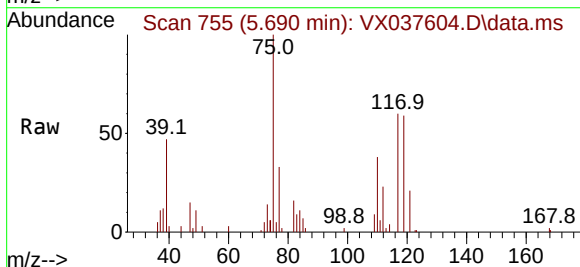
RT: 5.690 min Scan# 755

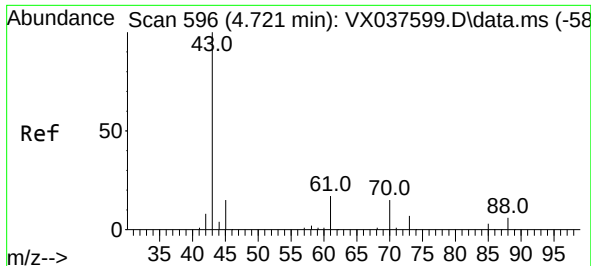
Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion:	75	Resp:	12567
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	29.6	24.7	37.1





#37

Ethyl Acetate

Concen: 4.788 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

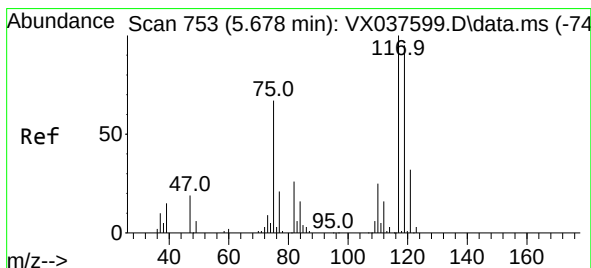
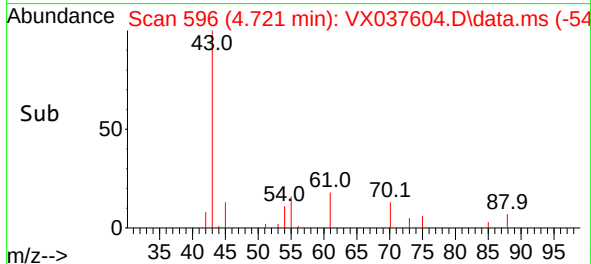
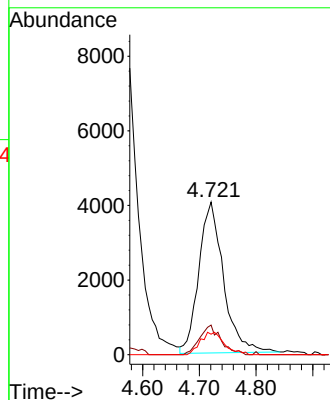
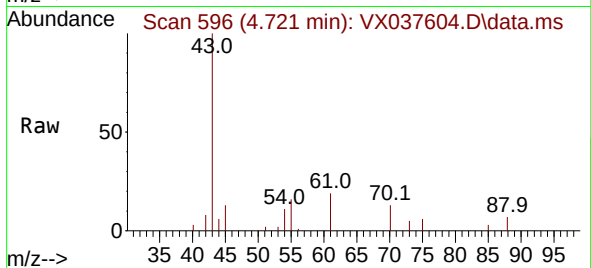
Tgt Ion:	43	Resp:	1224
Ion	Ratio	Lower	Upper
43	100		
61	16.9	10.6	16.0
70	14.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Carbon Tetrachloride

Concen: 4.684 ug/l

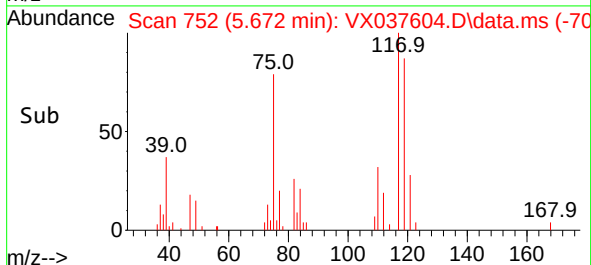
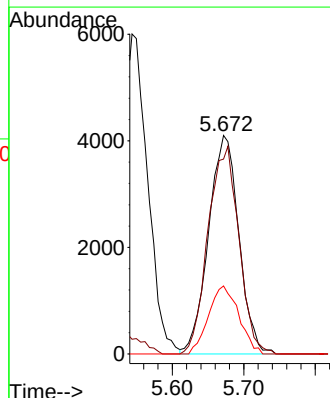
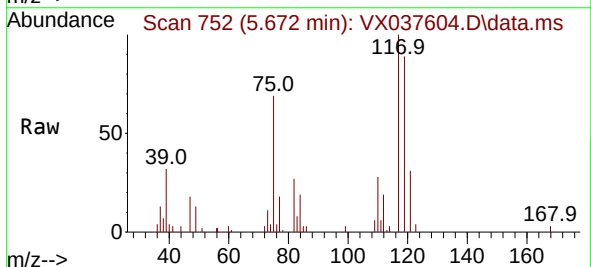
RT: 5.672 min Scan# 752

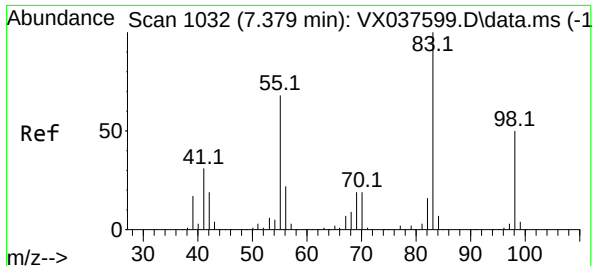
Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion:	117	Resp:	12077
Ion	Ratio	Lower	Upper
117	100		
119	89.2	78.2	117.2
121	31.1	24.4	36.6





#39

Methylcyclohexane

Concen: 5.025 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 15280

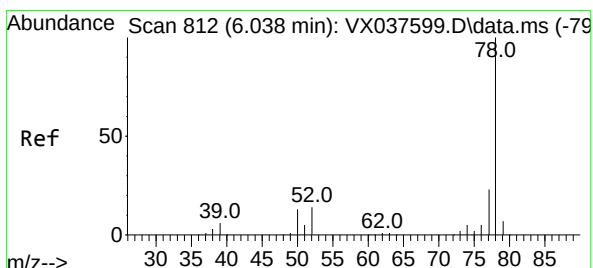
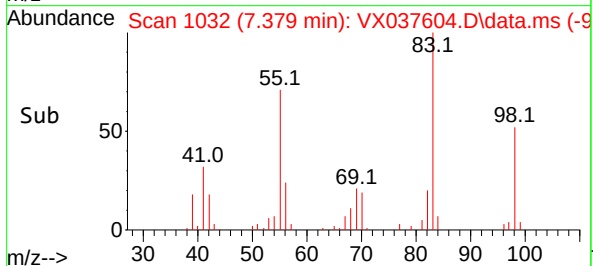
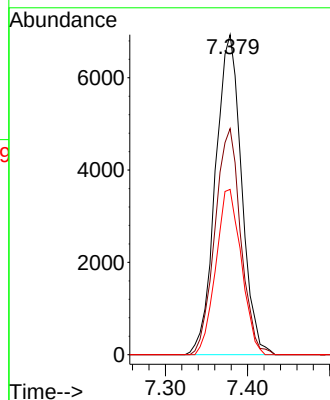
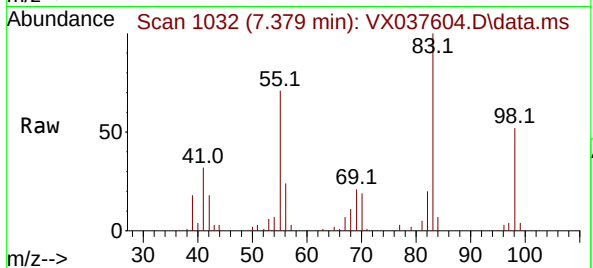
Ion	Ratio	Lower	Upper
83	100		
55	70.7	64.6	97.0
98	51.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#40

Benzene

Concen: 5.004 ug/l

RT: 6.031 min Scan# 811

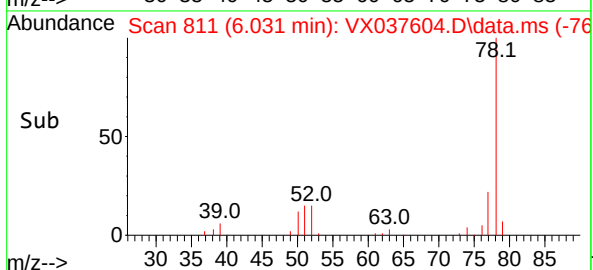
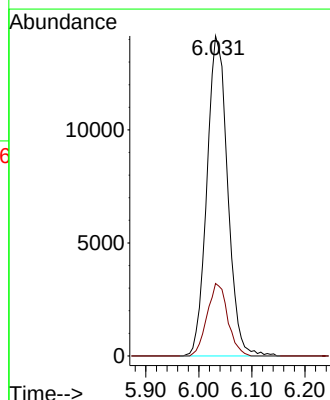
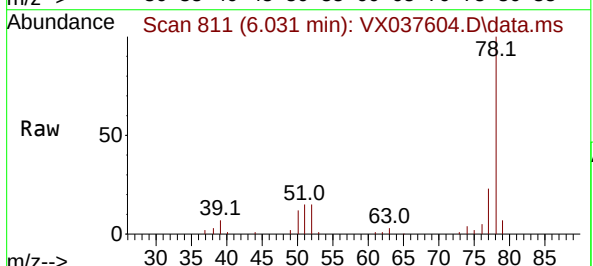
Delta R.T. -0.006 min

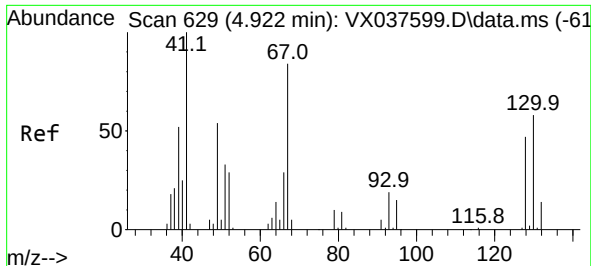
Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion: 78 Resp: 38415

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9





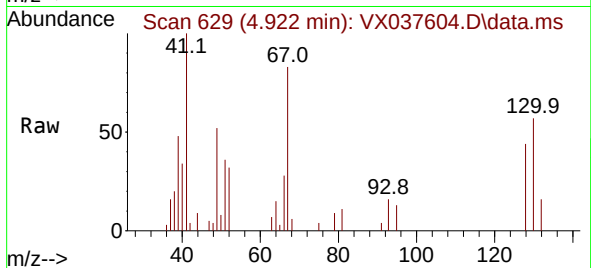
#41
Methacrylonitrile
Concen: 4.877 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



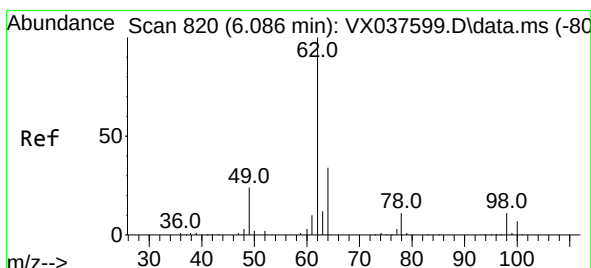
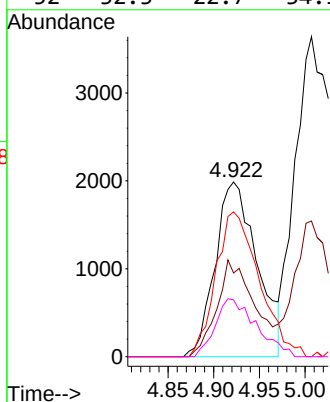
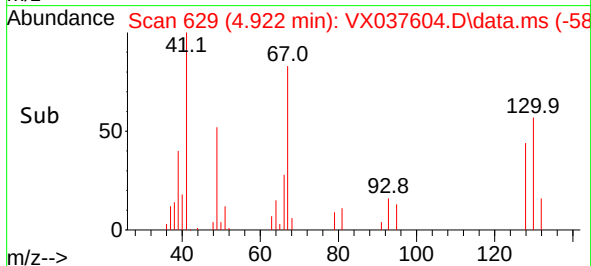
Tgt Ion: 41 Resp: 635
Ion Ratio Lower Upper
41 100
39 48.9 45.2 67.8
67 85.7 52.6 78.8
52 32.3 22.7 34.1

Manual Integrations

APPROVED

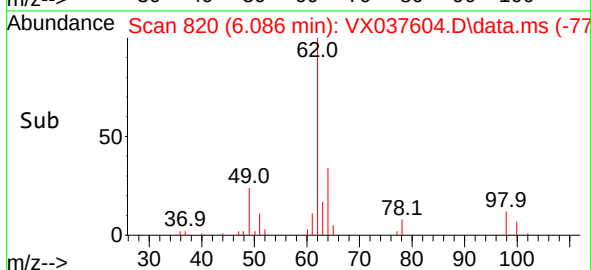
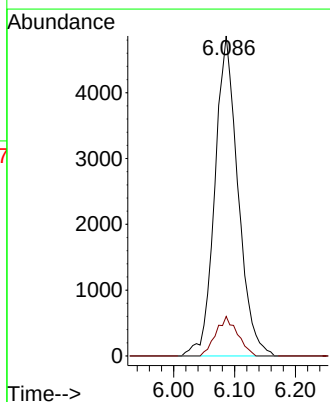
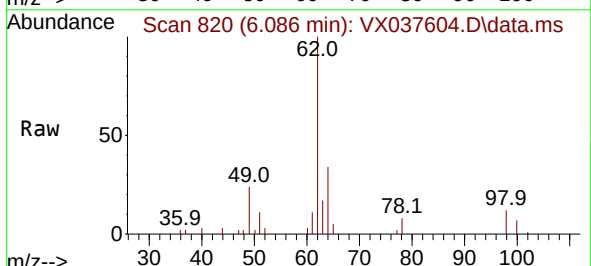
Reviewed By :John Carlone 09/09/2023

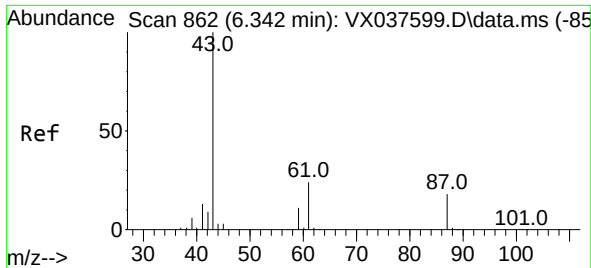
Supervised By :Mahesh Dadoda 09/11/2023



#42
1,2-Dichloroethane
Concen: 4.998 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 62 Resp: 12846
Ion Ratio Lower Upper
62 100
98 11.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.783 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

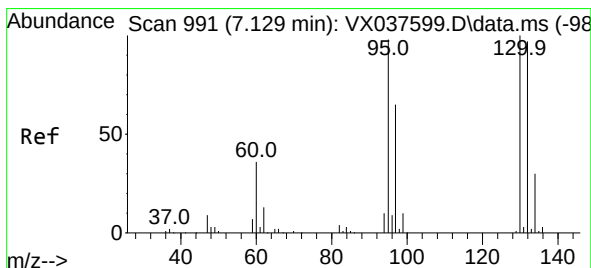
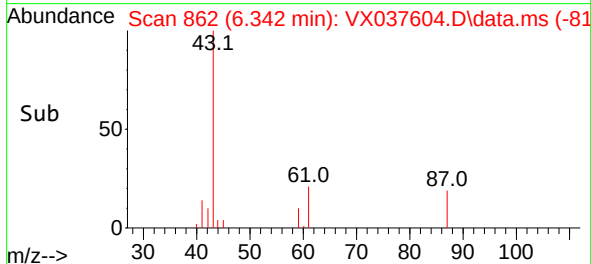
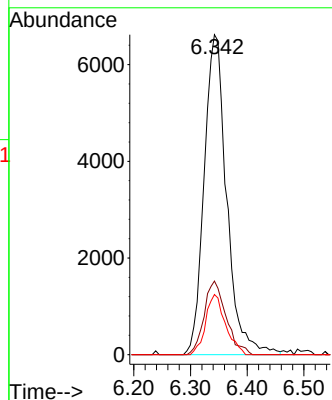
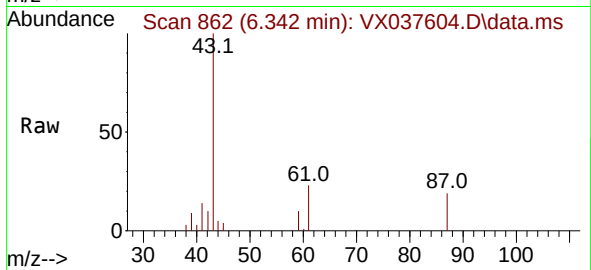
Tgt Ion:	43	Resp:	1832
Ion Ratio	Lower	Upper	
43	100		
61	22.4	15.2	22.8
87	16.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Trichloroethene

Concen: 4.928 ug/l

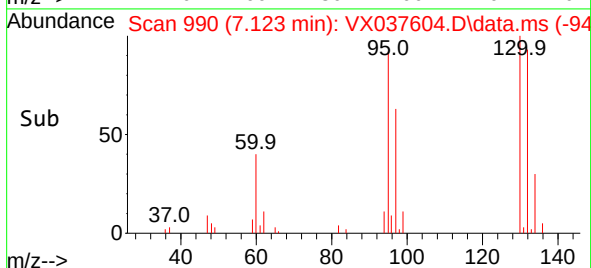
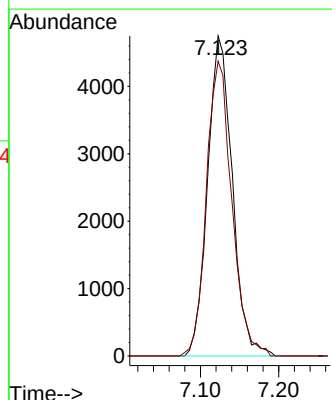
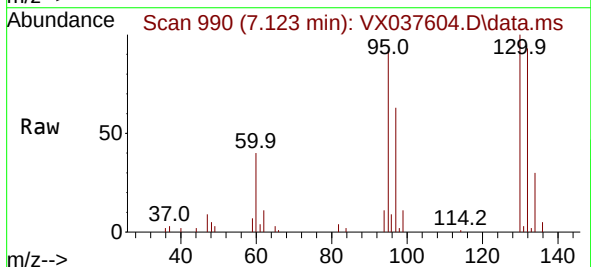
RT: 7.123 min Scan# 990

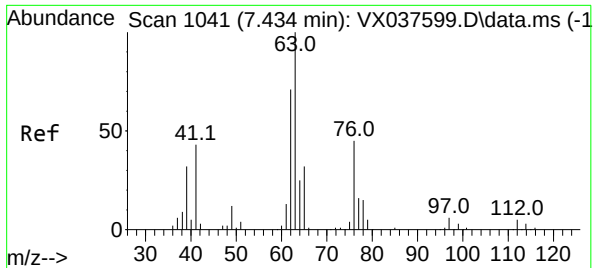
Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion:	130	Resp:	10390
Ion Ratio	Lower	Upper	
130	100		
95	92.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 4.945 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

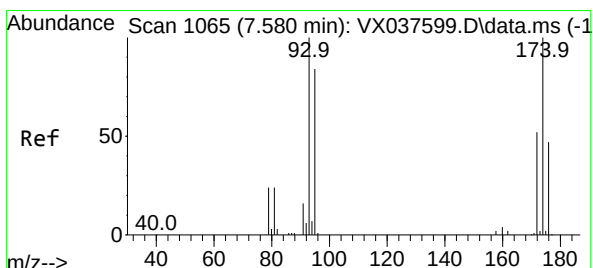
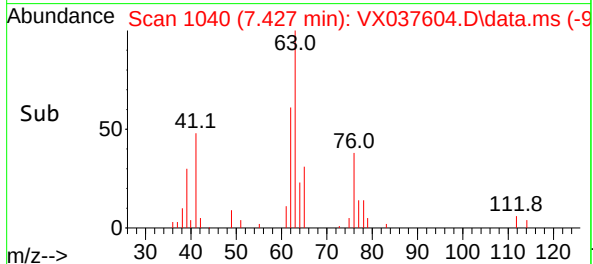
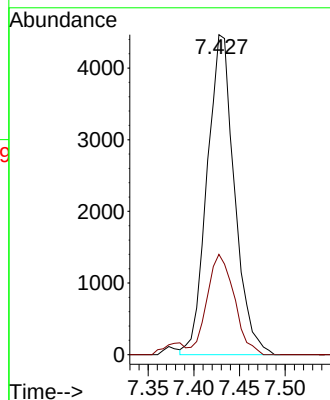
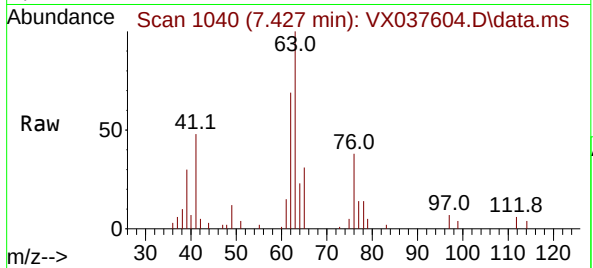
Tgt Ion: 63 Resp: 929
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#46

Dibromomethane

Concen: 4.992 ug/l

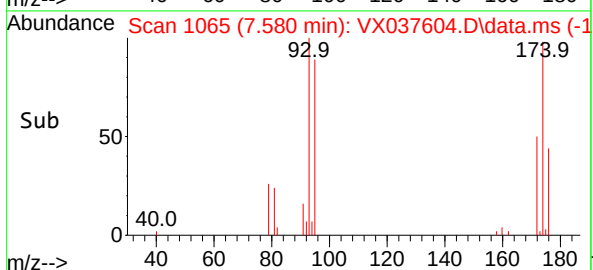
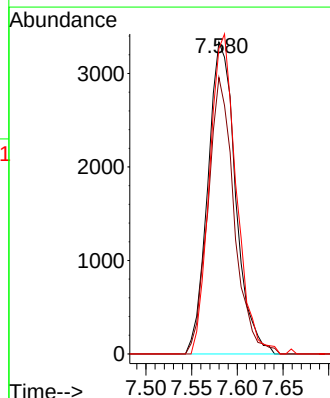
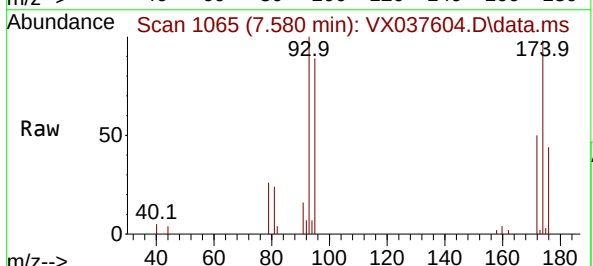
RT: 7.580 min Scan# 1065

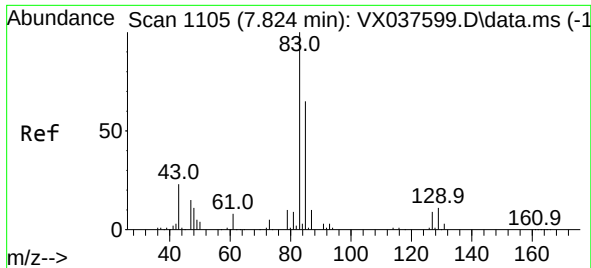
Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion: 93 Resp: 7043
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 98.8 69.4 104.0





#47
Bromodichloromethane
Concen: 4.629 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

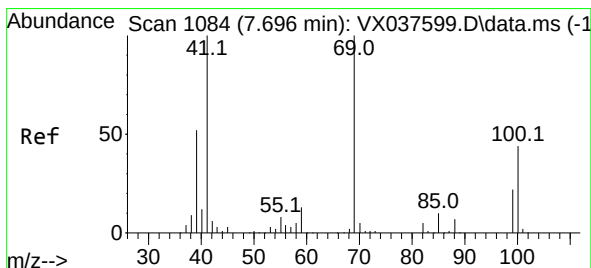
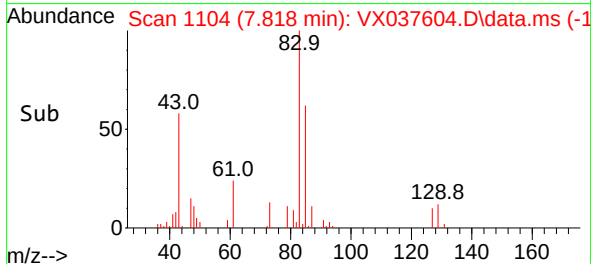
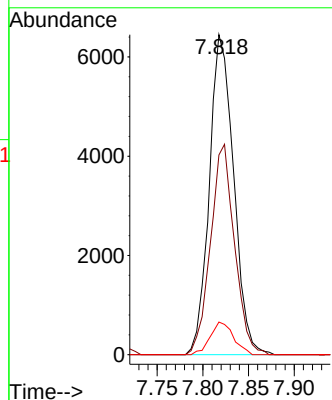
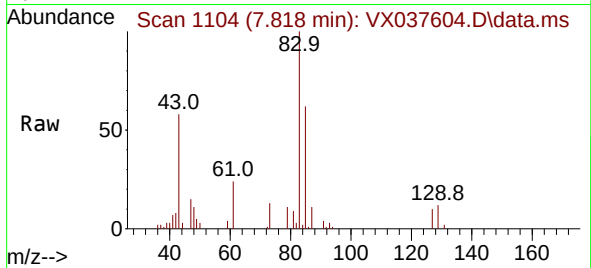
Tgt Ion: 83 Resp: 11934
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.6
127 10.2 7.1 10.7

Manual Integrations

APPROVED

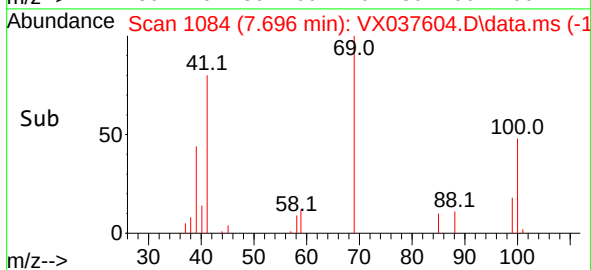
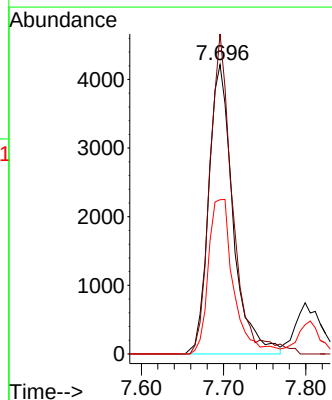
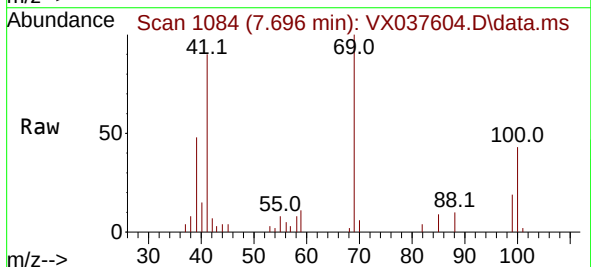
Reviewed By :John Carbone 09/09/2023

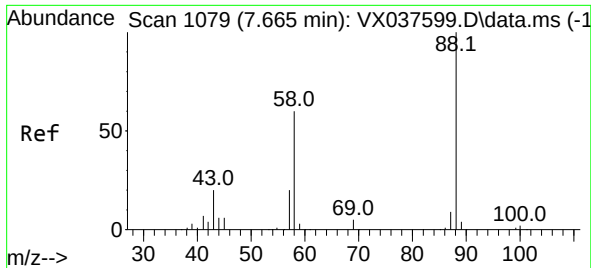
Supervised By :Mahesh Dadoda 09/11/2023



#48
Methyl methacrylate
Concen: 4.722 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 41 Resp: 8659
Ion Ratio Lower Upper
41 100
69 103.7 59.2 88.8#
39 55.1 47.7 71.5





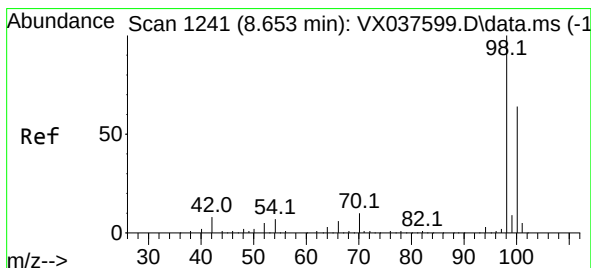
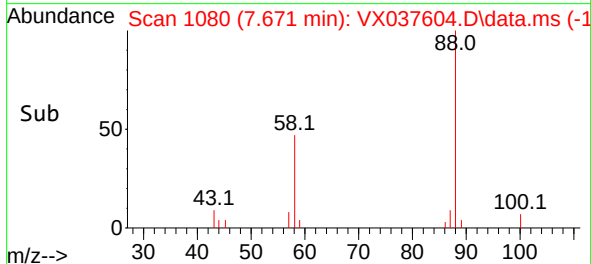
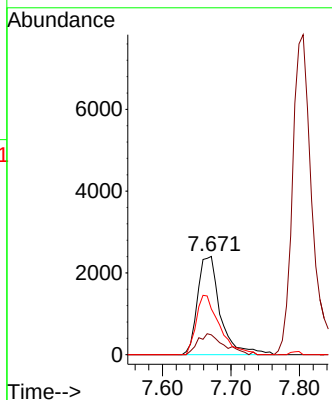
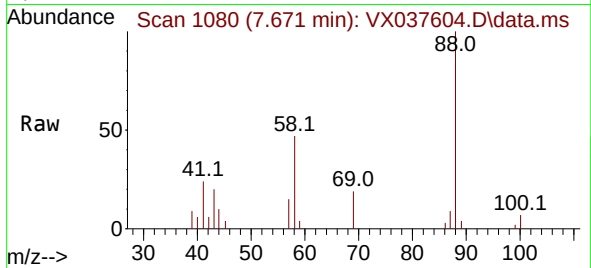
#49
1,4-Dioxane
Concen: 96.326 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 5542
Ion Ratio Lower Upper
88 100
43 24.4 0.0 0.0
58 61.5 60.1 90.1

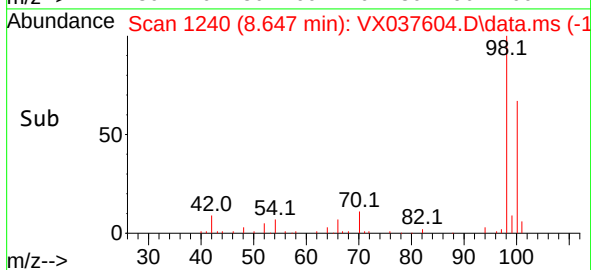
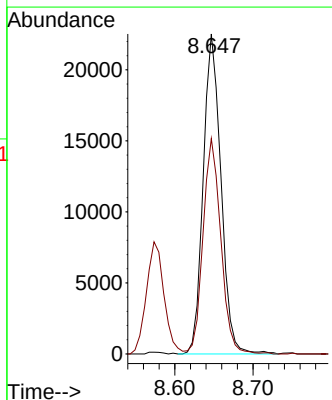
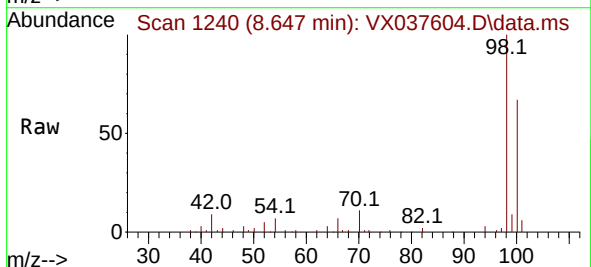
Manual Integrations
APPROVED

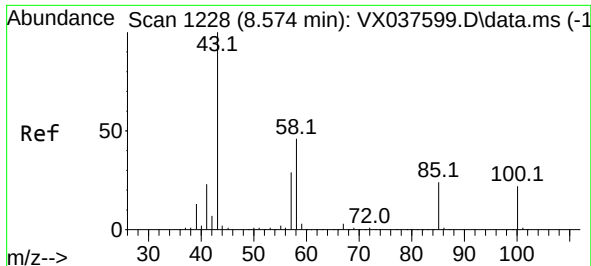
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#50
Toluene-d8
Concen: 5.112 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 98 Resp: 35410
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7





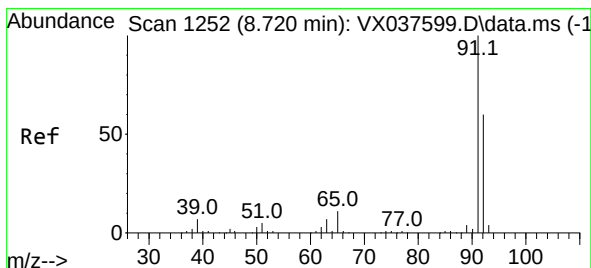
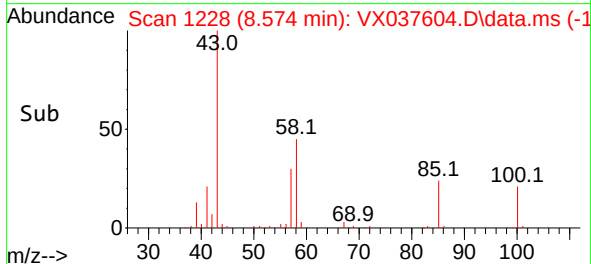
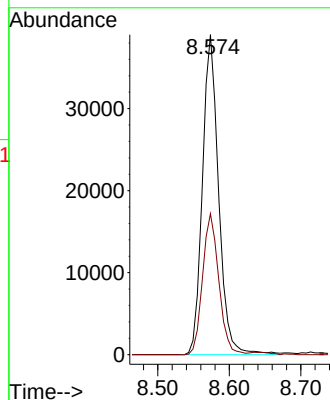
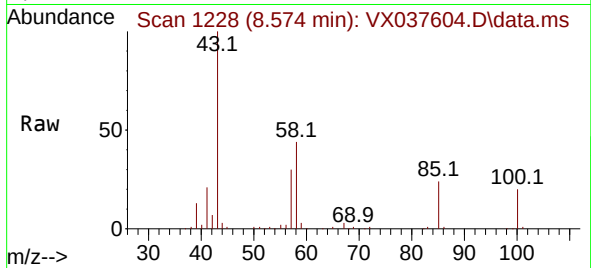
#51
4-Methyl-2-Pentanone
Concen: 25.211 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6143
Ion Ratio Lower Upper
43 100
58 44.0 30.4 45.6

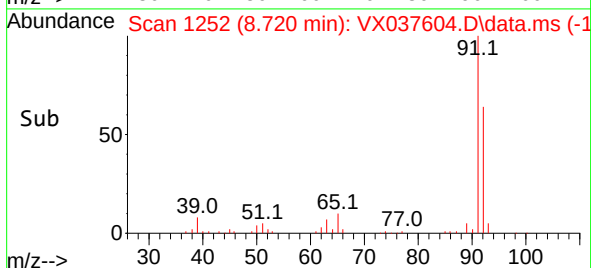
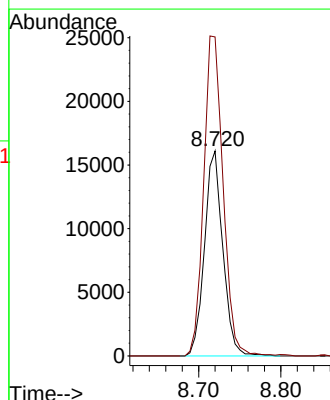
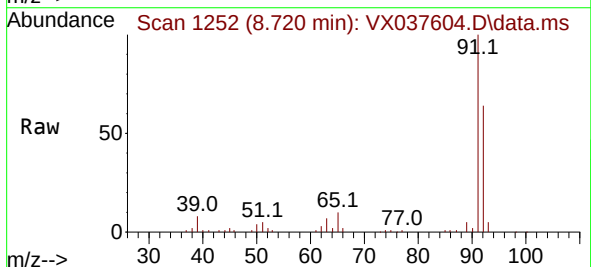
Manual Integrations
APPROVED

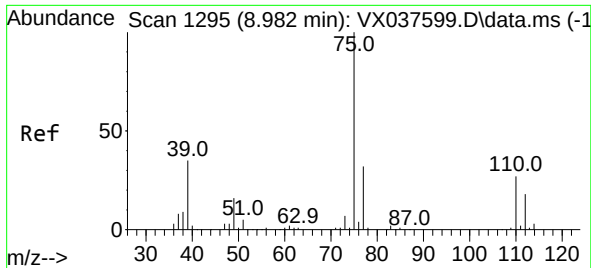
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#52
Toluene
Concen: 5.006 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 92 Resp: 24960
Ion Ratio Lower Upper
92 100
91 164.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.441 ug/l

RT: 8.976 min Scan# 1188

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

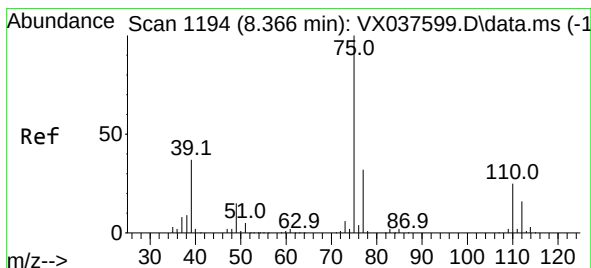
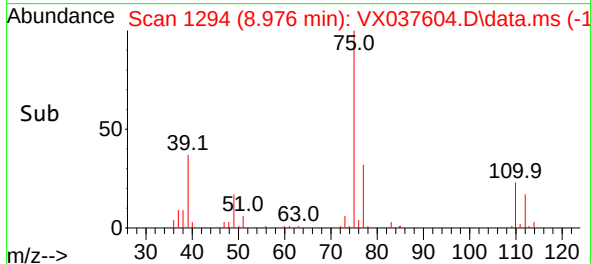
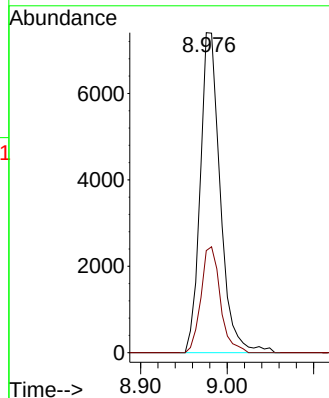
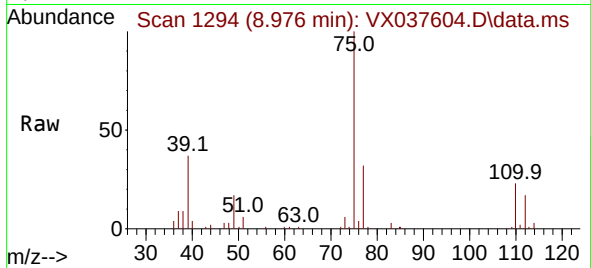
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#54

cis-1,3-Dichloropropene

Concen: 4.646 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

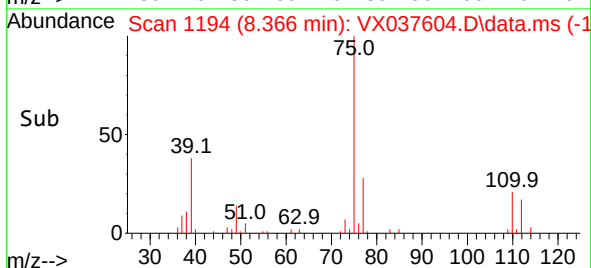
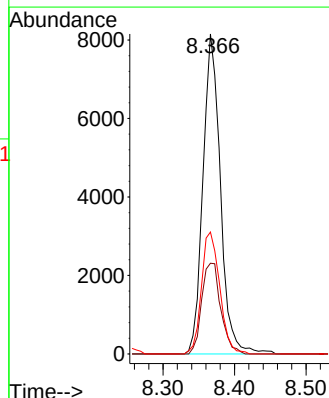
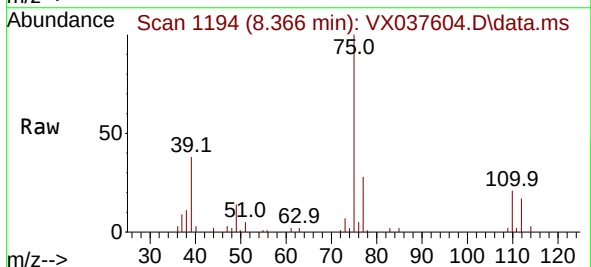
Tgt Ion: 75 Resp: 13837

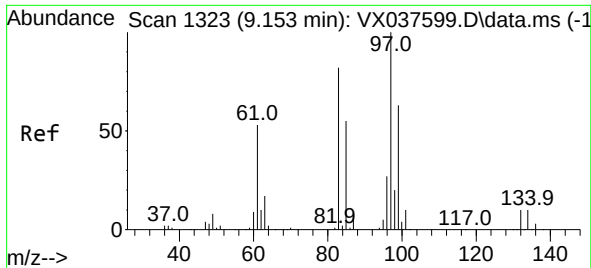
Ion Ratio Lower Upper

75 100

77 28.3 25.3 37.9

39 38.1 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 4.994 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

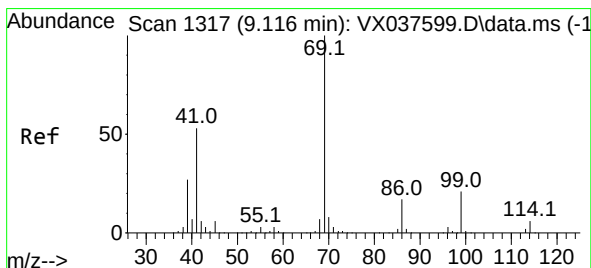
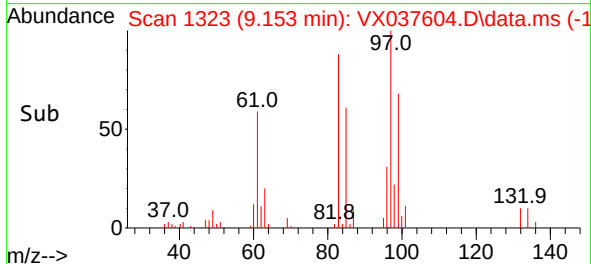
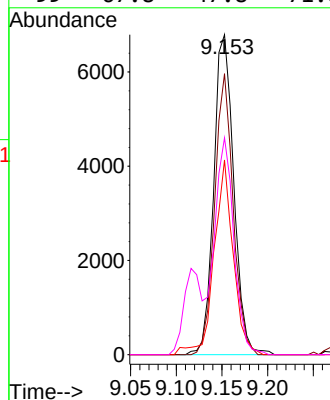
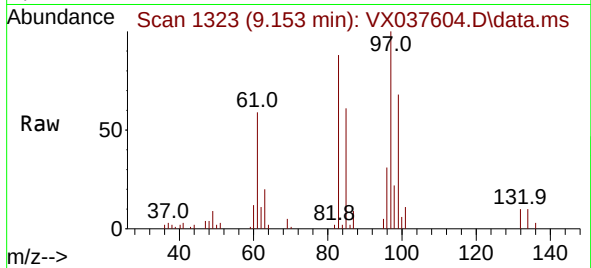
VSTDIC005

Tgt Ion: 97 Resp: 1035
Ion Ratio Lower Upper
97 100
83 87.8 65.8 98.8
85 60.9 41.6 62.4
99 67.8 47.8 71.8

Manual Integrations

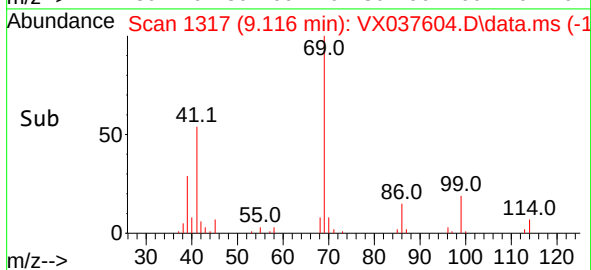
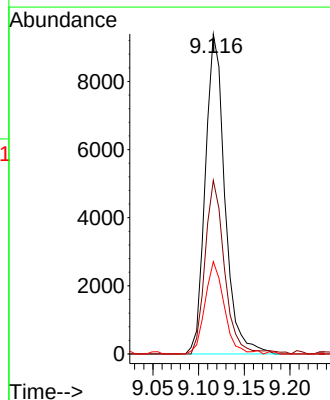
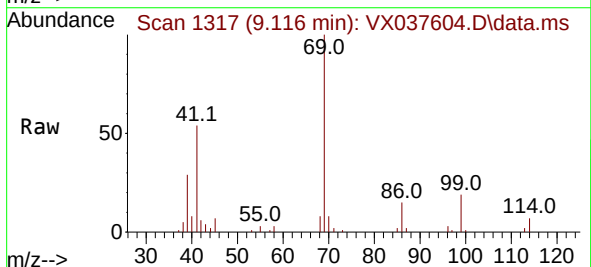
APPROVED

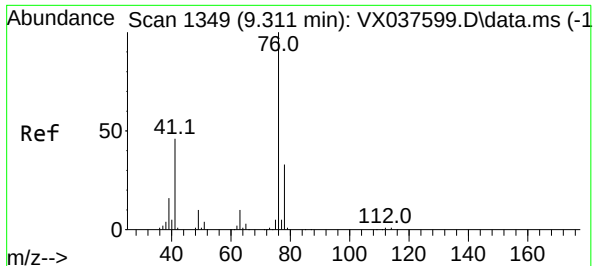
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#56
Ethyl methacrylate
Concen: 4.625 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 69 Resp: 13969
Ion Ratio Lower Upper
69 100
41 54.0 56.8 85.2#
39 28.4 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 5.001 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 17278

Ion Ratio Lower Upper

76 100

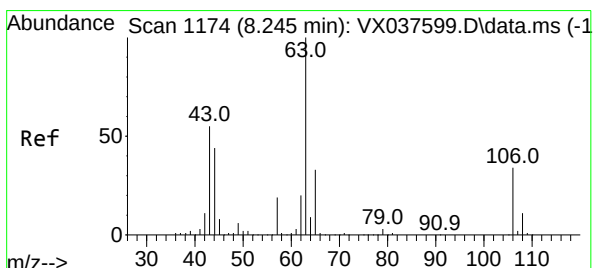
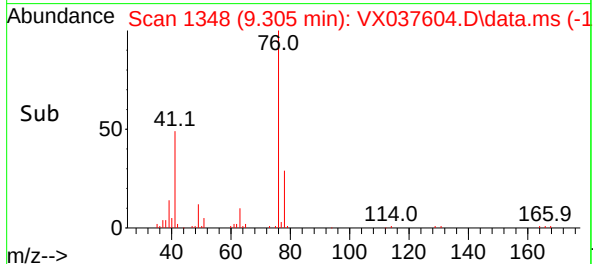
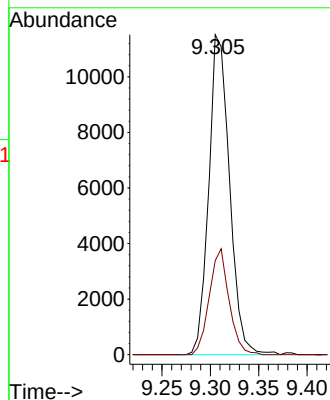
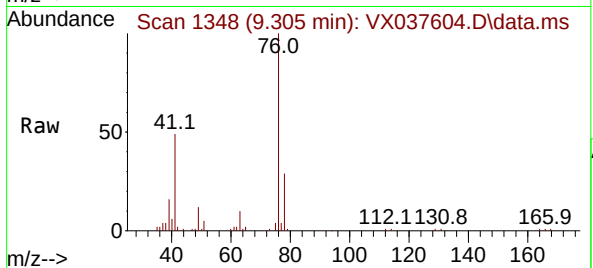
78 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.313 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037604.D

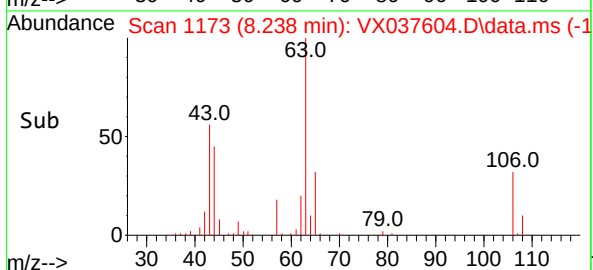
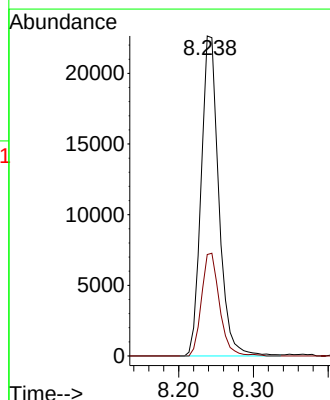
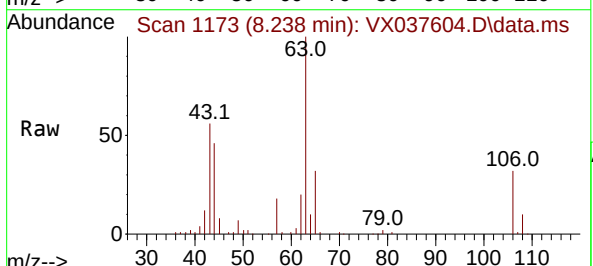
Acq: 08 Sep 2023 16:03

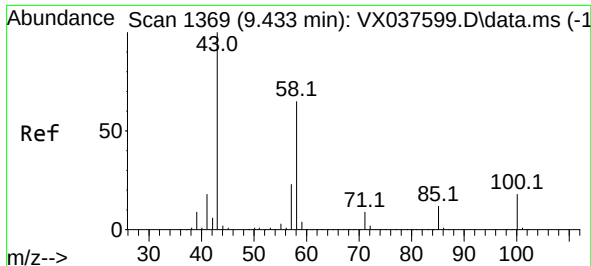
Tgt Ion: 63 Resp: 37155

Ion Ratio Lower Upper

63 100

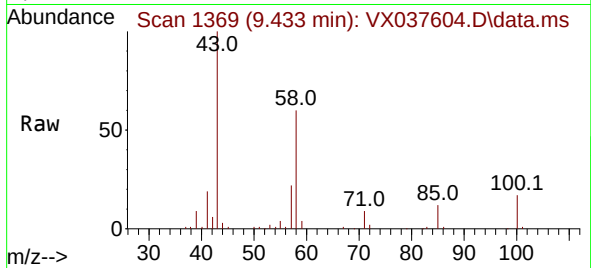
106 32.6 22.5 33.7





#59
2-Hexanone
Concen: 24.999 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

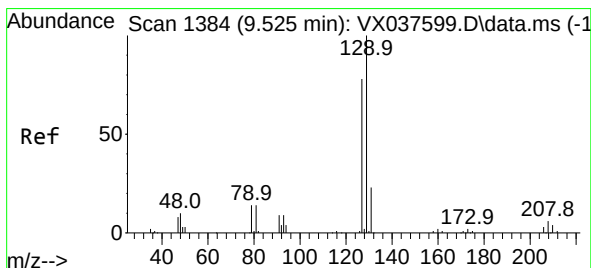
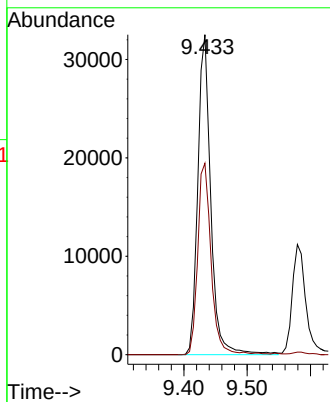
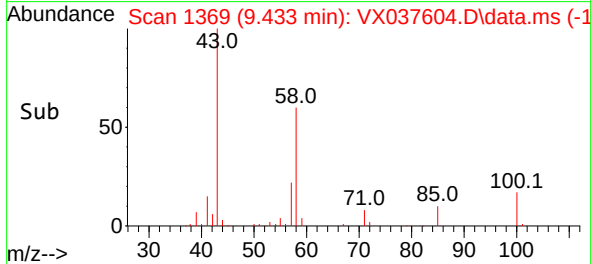
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 46459
Ion Ratio Lower Upper
43 100
58 61.3 26.2 78.5

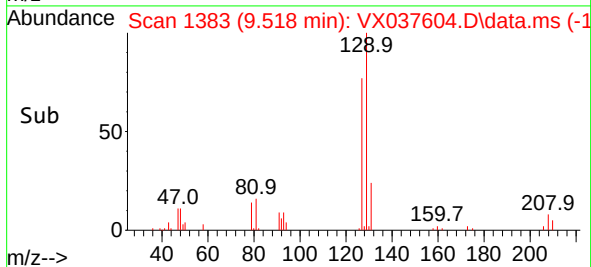
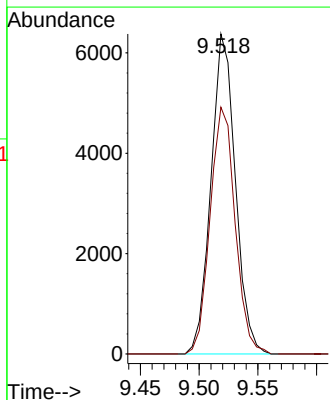
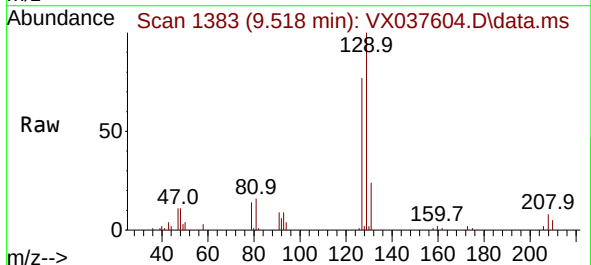
Manual Integrations
APPROVED

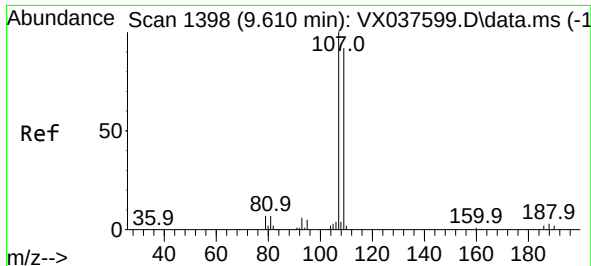
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#60
Dibromochloromethane
Concen: 4.468 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

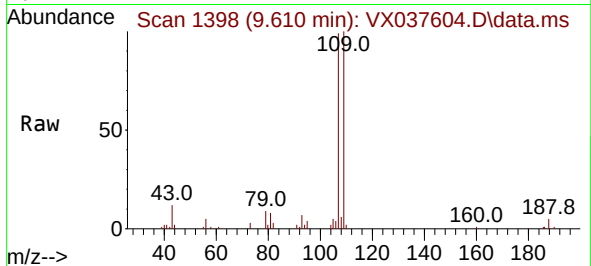
Tgt Ion:129 Resp: 9222
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.947 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

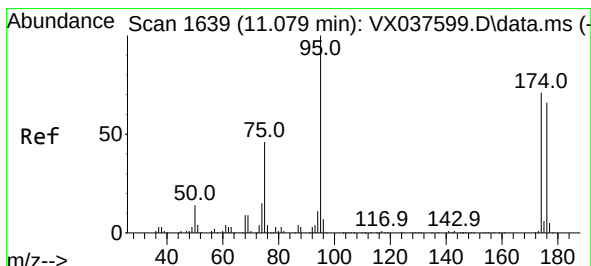
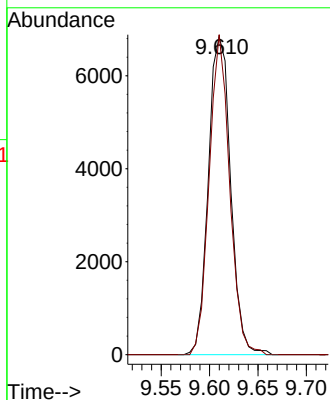
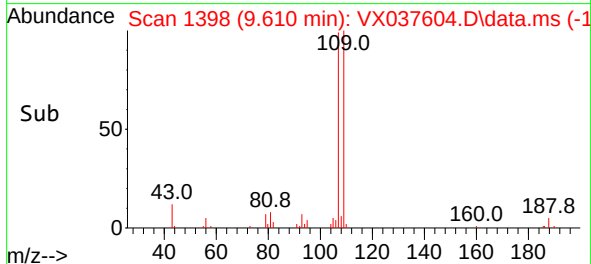
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



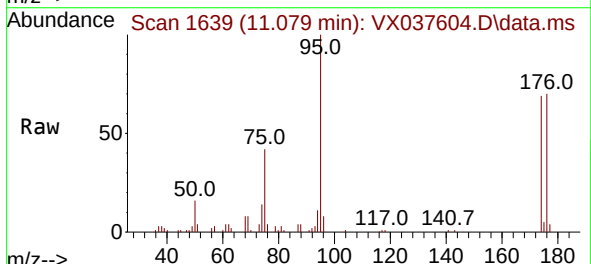
Tgt Ion:107 Resp: 1098
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8

Manual Integrations
APPROVED

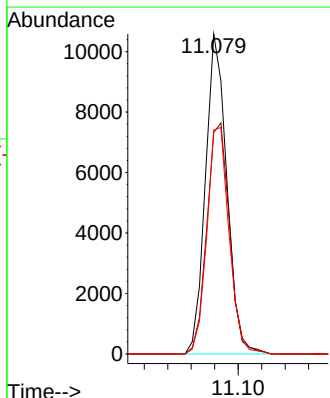
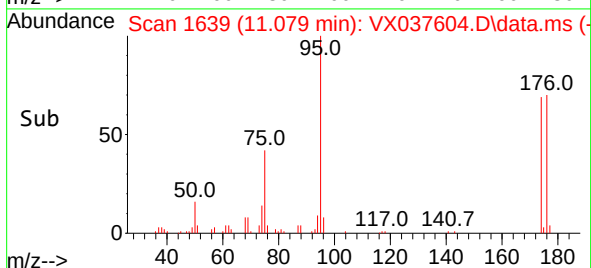
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

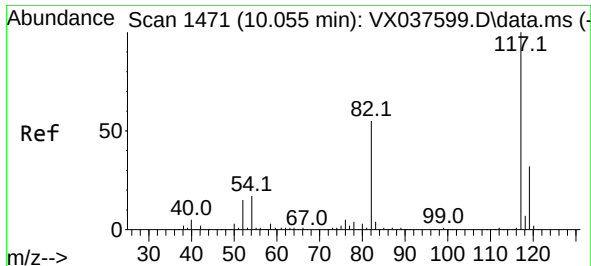


#62
4-Bromofluorobenzene
Concen: 5.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



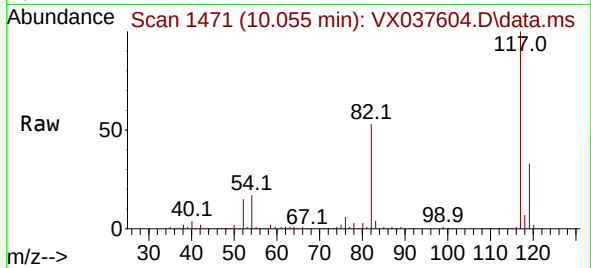
Tgt Ion: 95 Resp: 13327
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

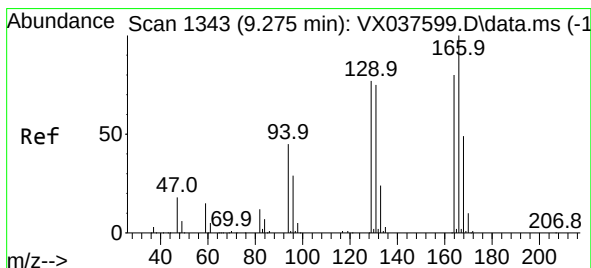
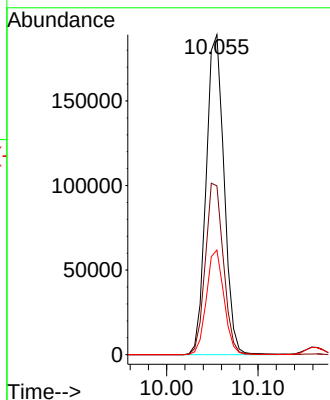
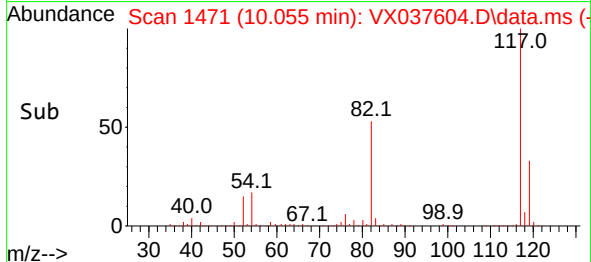
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 257650
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 32.7 25.5 38.3

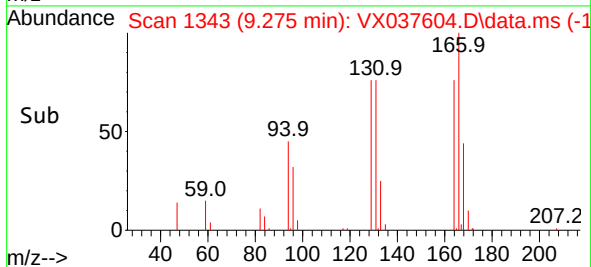
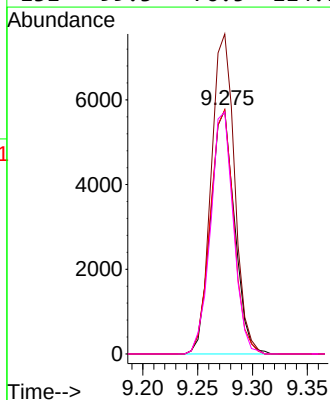
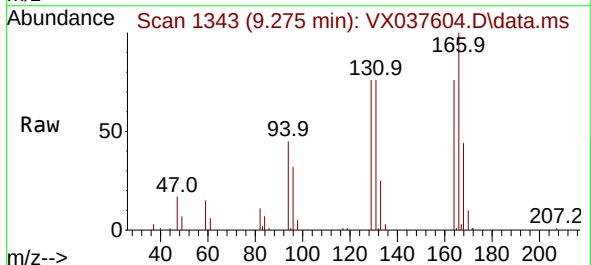
Manual Integrations
APPROVED

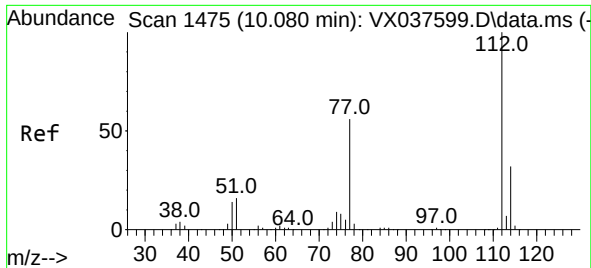
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Tetrachloroethene
Concen: 4.862 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:164 Resp: 8772
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 100.2 80.4 120.6
131 99.3 76.5 114.7





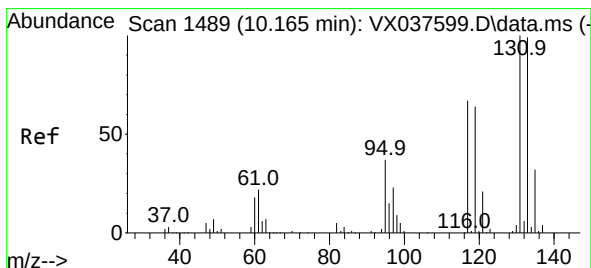
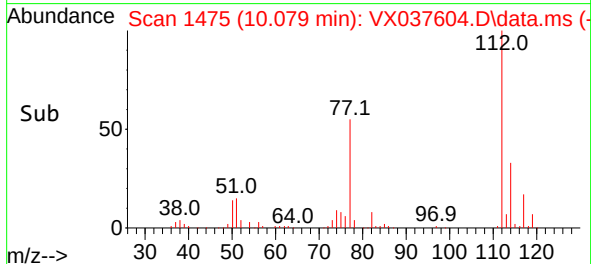
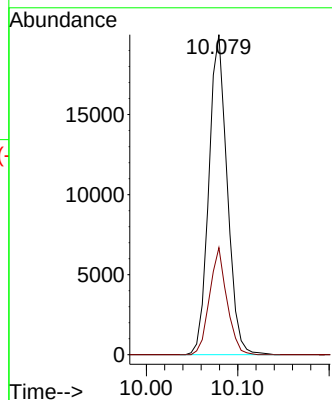
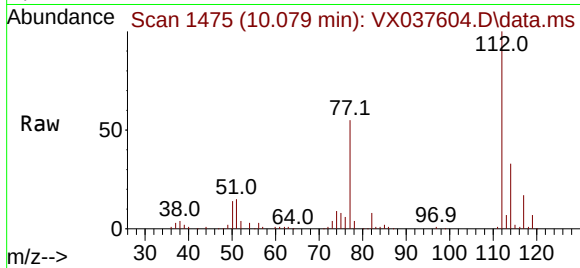
#65
Chlorobenzene
Concen: 4.938 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2795
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

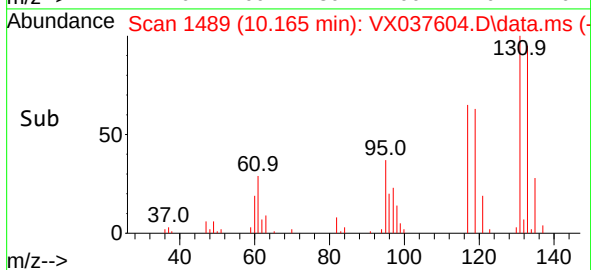
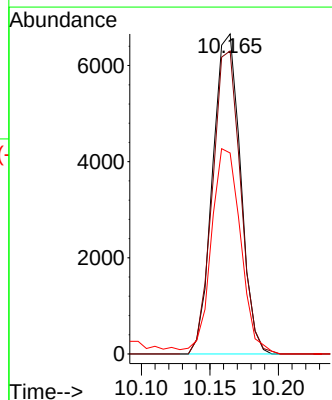
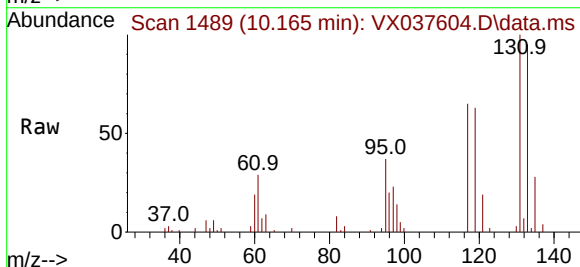
Manual Integrations
APPROVED

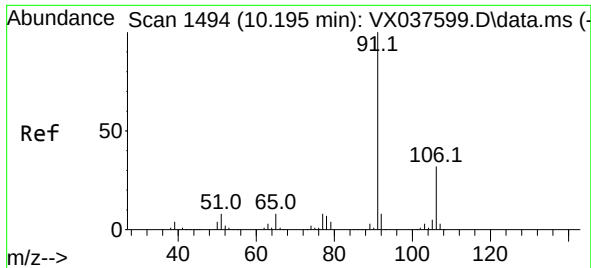
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.677 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:131 Resp: 9383
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 67.6 32.2 96.6





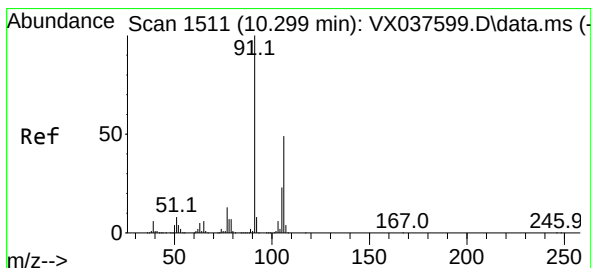
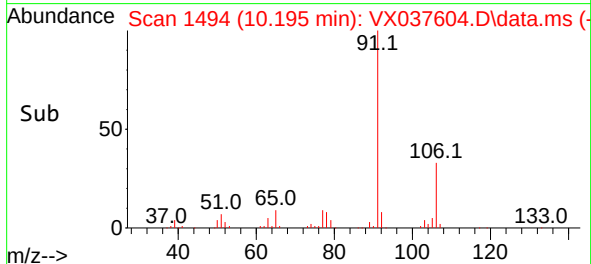
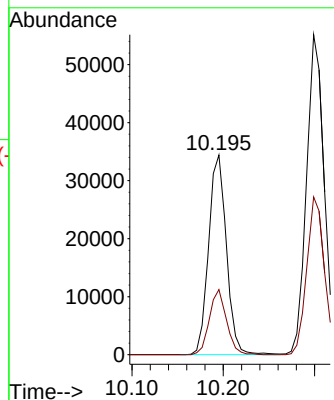
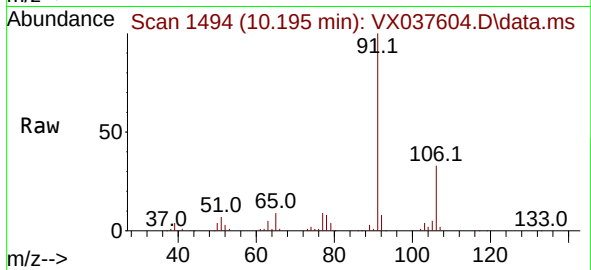
#67
Ethyl Benzene
Concen: 4.848 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 46649
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

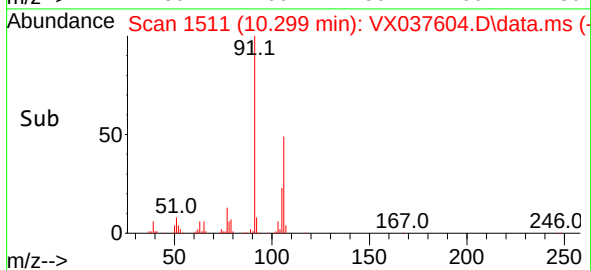
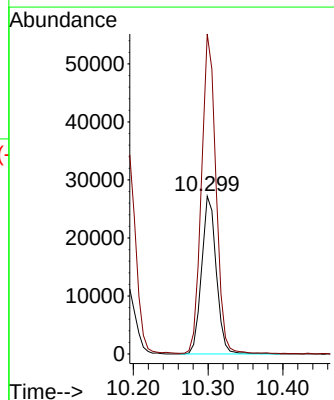
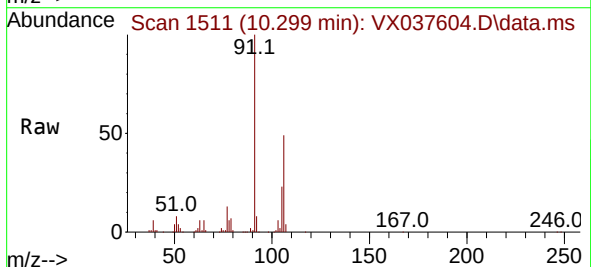
Manual Integrations
APPROVED

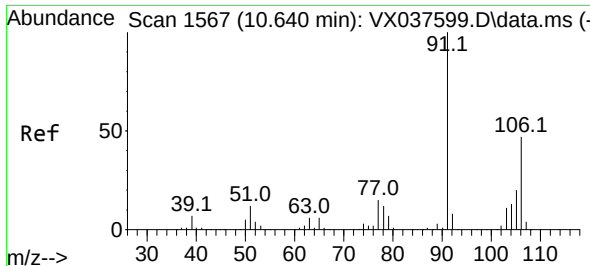
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#68
m/p-Xylenes
Concen: 9.777 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:106 Resp: 37008
Ion Ratio Lower Upper
106 100
91 199.7 165.5 248.3





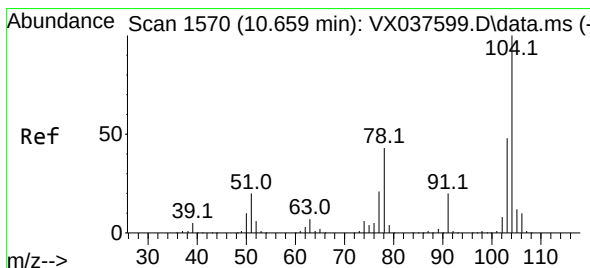
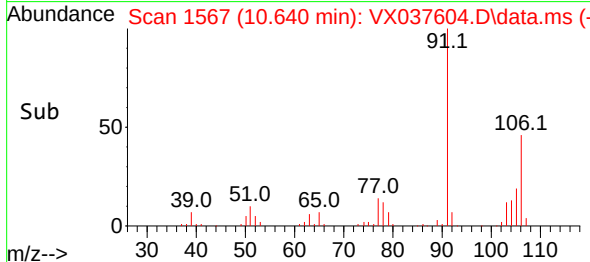
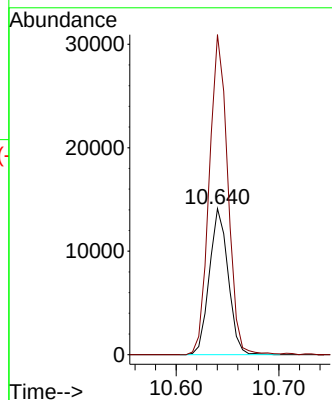
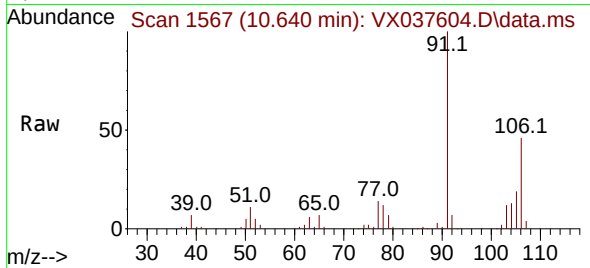
#69
o-Xylene
Concen: 4.759 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 17910
Ion Ratio Lower Upper
106 100
91 216.2 108.9 326.8

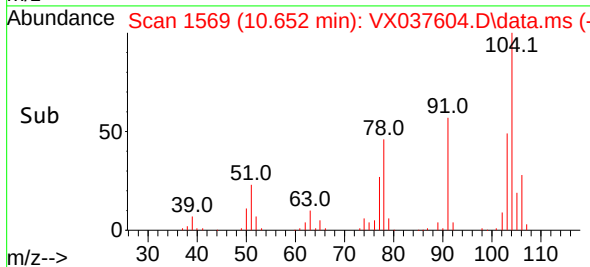
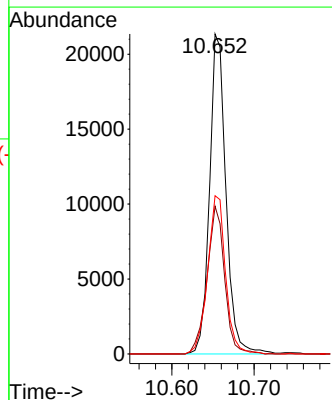
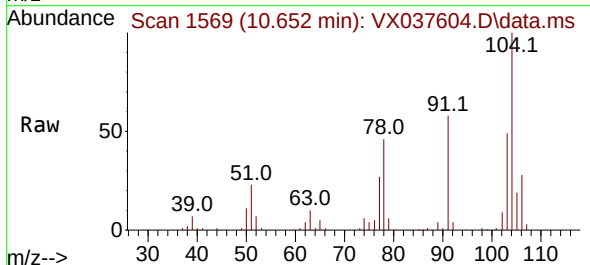
Manual Integrations
APPROVED

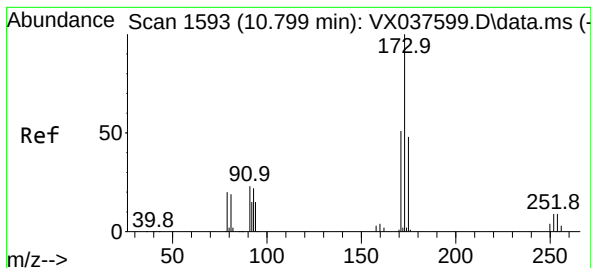
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Styrene
Concen: 4.843 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:104 Resp: 29632
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 4.321 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

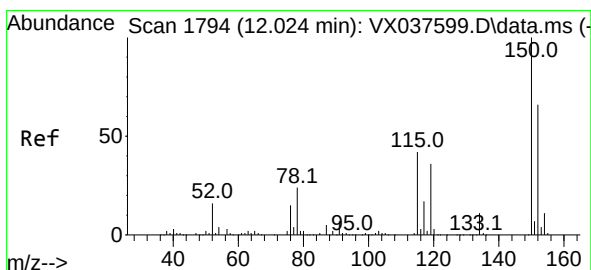
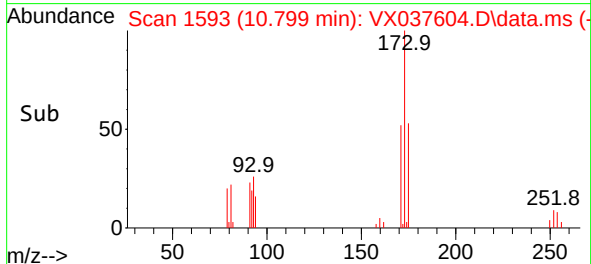
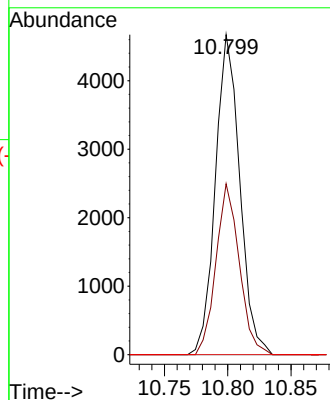
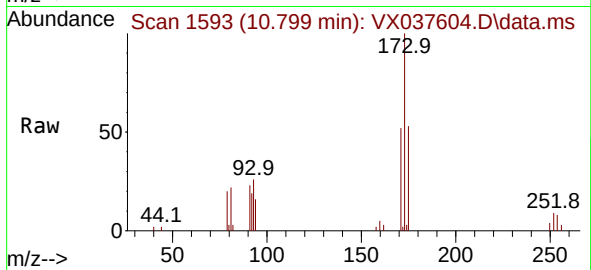
Tgt Ion:	173	Resp:	624
Ion Ratio	Lower	Upper	
173	100		
175	51.2	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

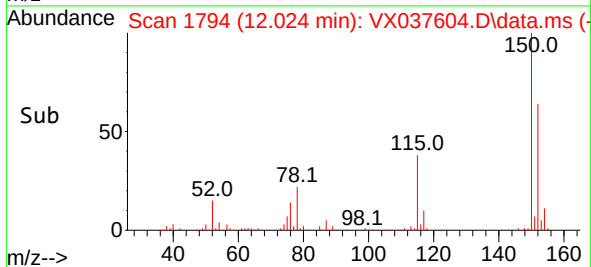
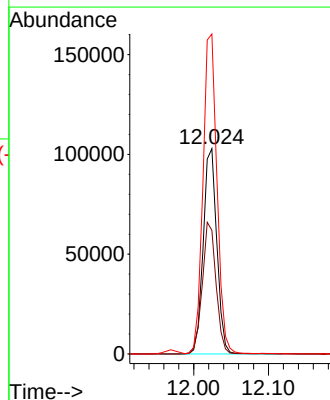
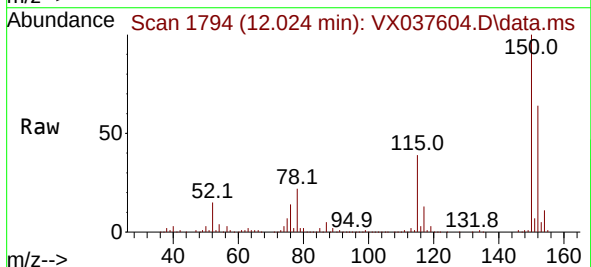
RT: 12.024 min Scan# 1794

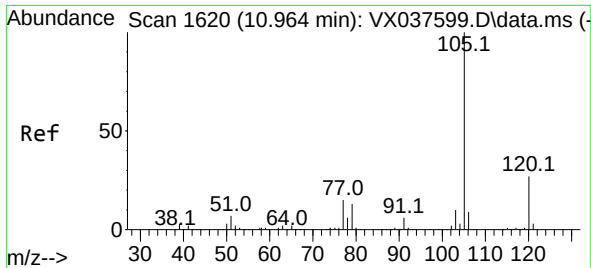
Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion:	152	Resp:	129929
Ion Ratio	Lower	Upper	
152	100		
115	64.9	43.3	129.9
150	160.0	0.0	345.0





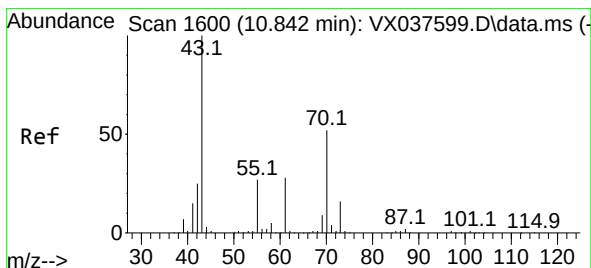
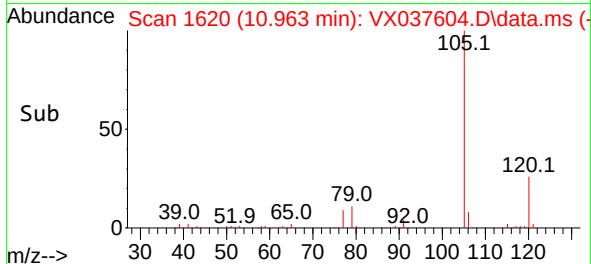
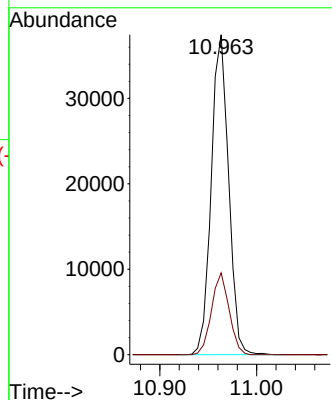
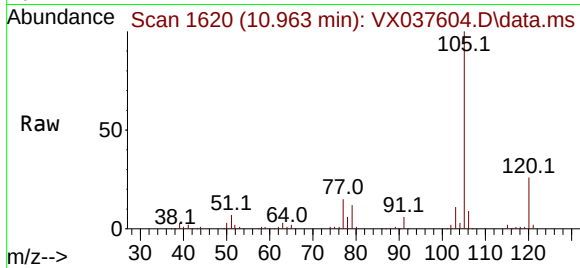
#73
Isopropylbenzene
Concen: 4.790 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 46740
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

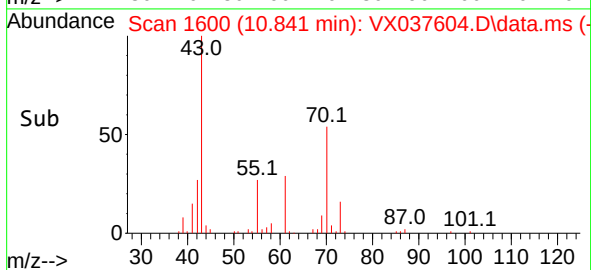
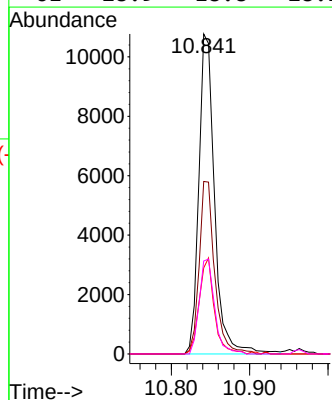
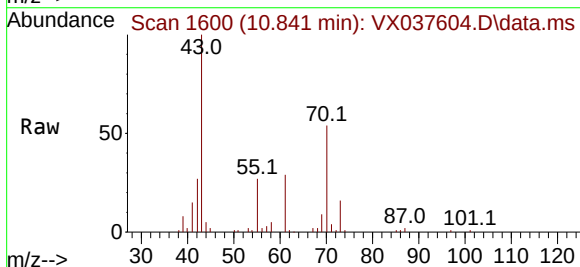
Manual Integrations
APPROVED

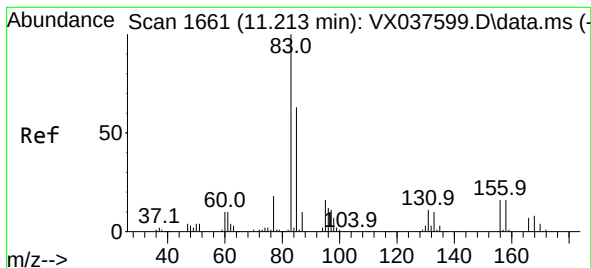
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#74
N-ethyl acetate
Concen: 4.487 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 43 Resp: 15096
Ion Ratio Lower Upper
43 100
70 53.0 32.9 49.3#
55 28.5 19.3 28.9
61 28.9 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.789 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

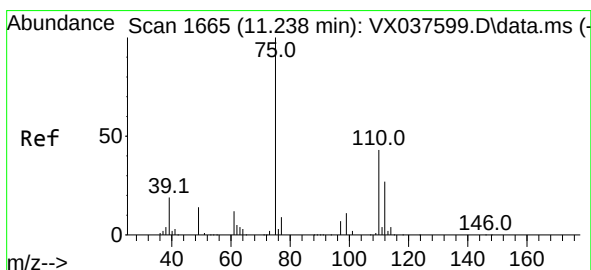
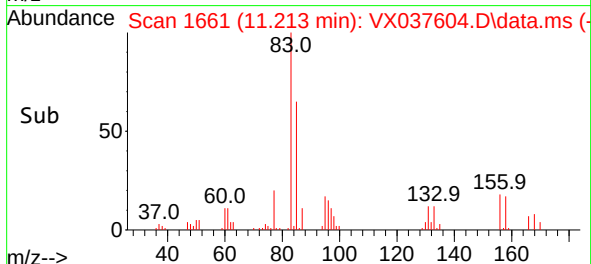
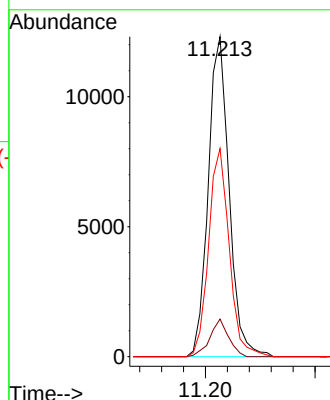
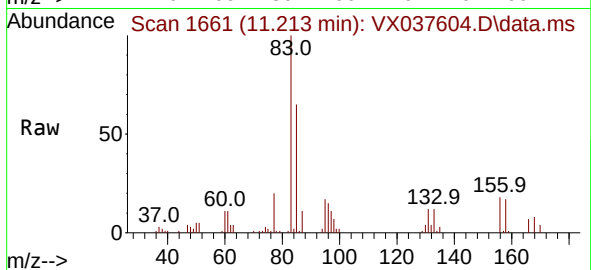
Tgt Ion:	83	Resp:	1624
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	64.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#76

1,2,3-Trichloropropane

Concen: 4.699 ug/l m

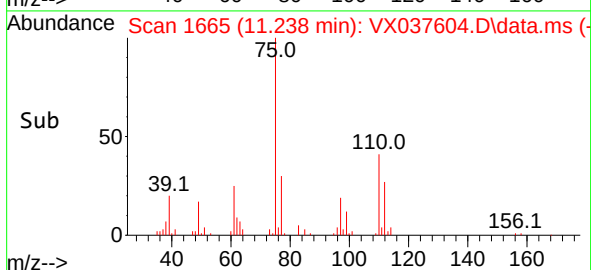
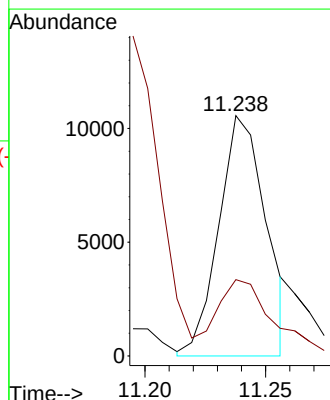
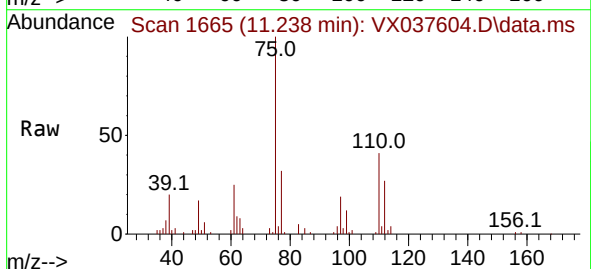
RT: 11.238 min Scan# 1665

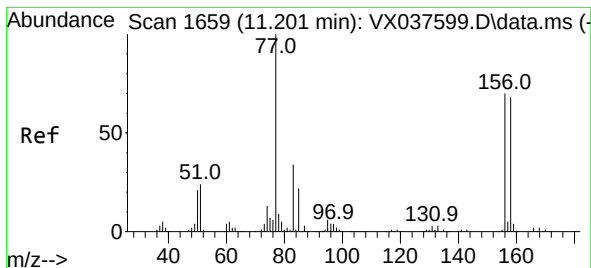
Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion:	75	Resp:	14322
Ion Ratio	Lower	Upper	
75	100		
77	38.8	19.1	57.5





#77

Bromobenzene

Concen: 4.732 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

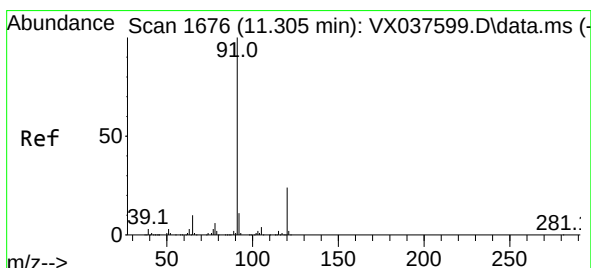
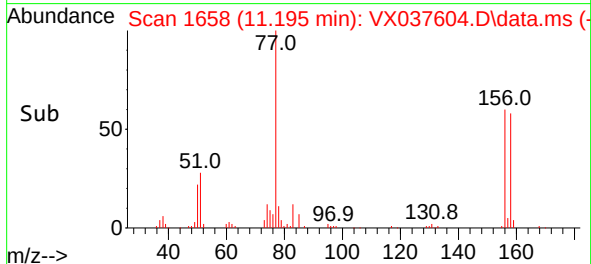
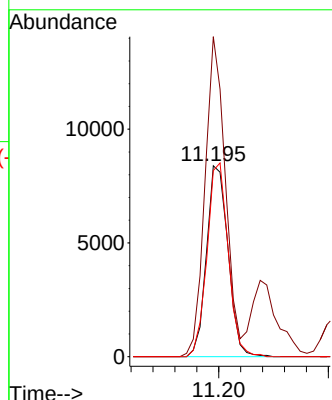
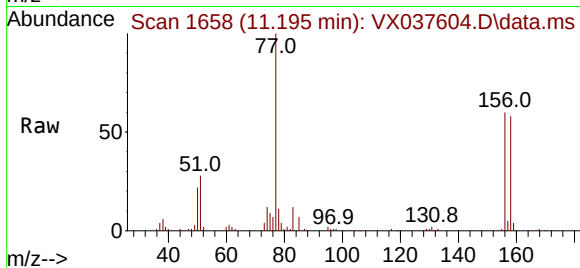
Tgt Ion:	156	Resp:	1143
Ion Ratio	Lower	Upper	
156	100		
77	158.3	88.4	265.3
158	99.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#78

n-propylbenzene

Concen: 4.854 ug/l

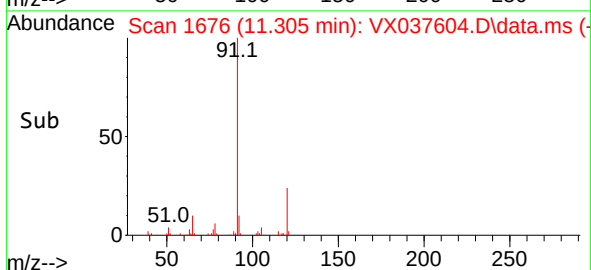
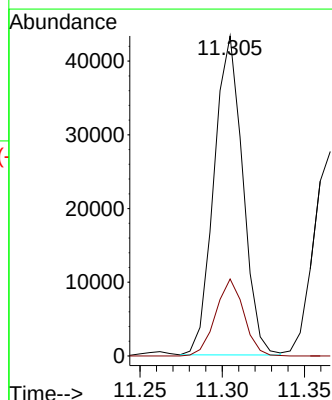
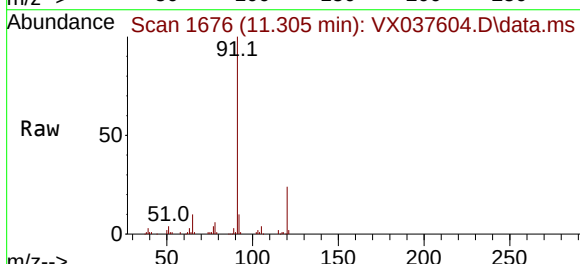
RT: 11.305 min Scan# 1676

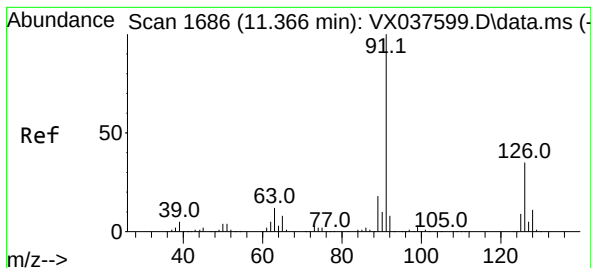
Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Tgt Ion:	91	Resp:	52685
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





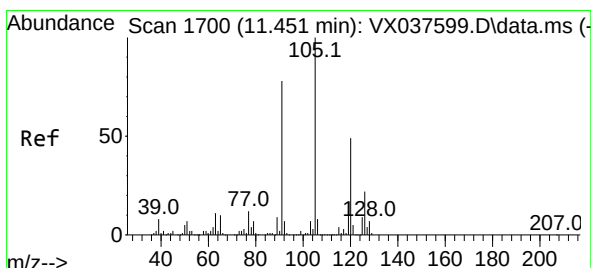
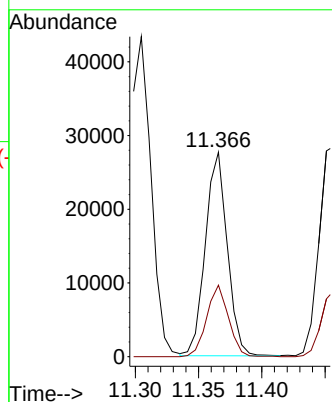
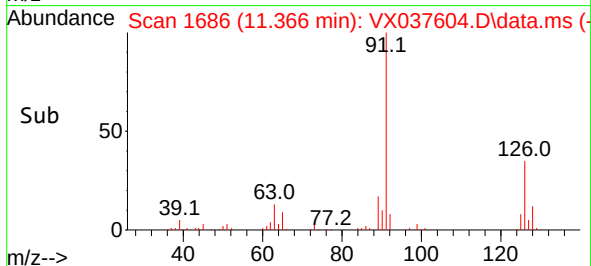
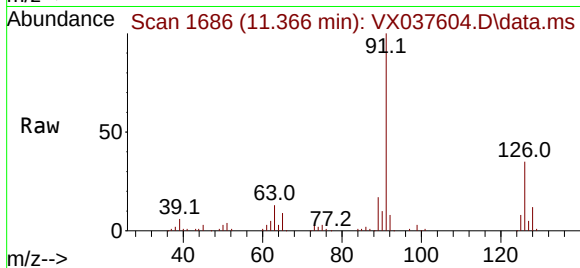
#79
2-Chlorotoluene
Concen: 4.838 ug/l
RT: 11.366 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3336
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

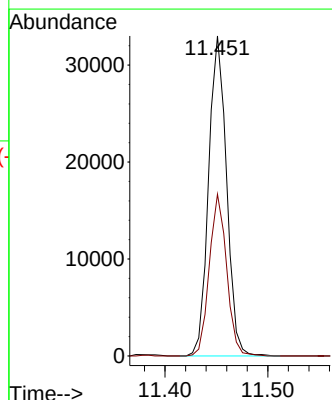
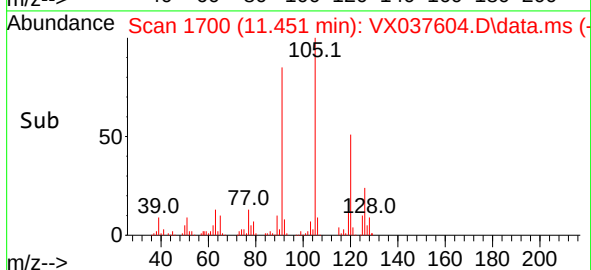
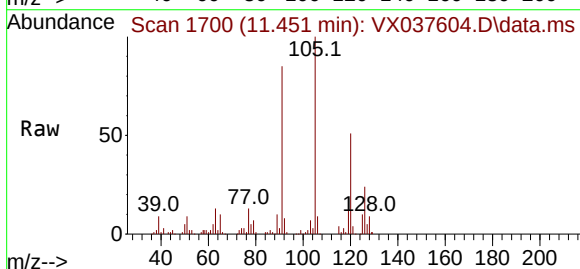
Manual Integrations
APPROVED

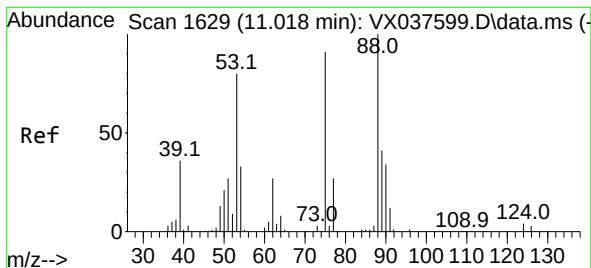
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.830 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:105 Resp: 39981
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





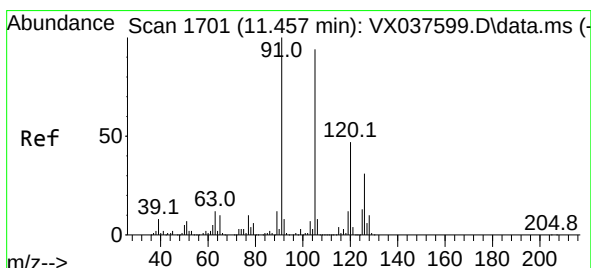
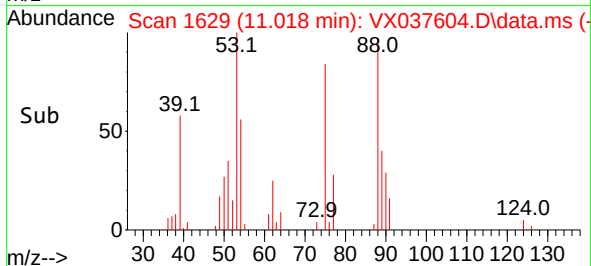
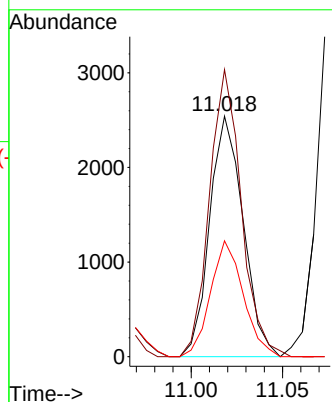
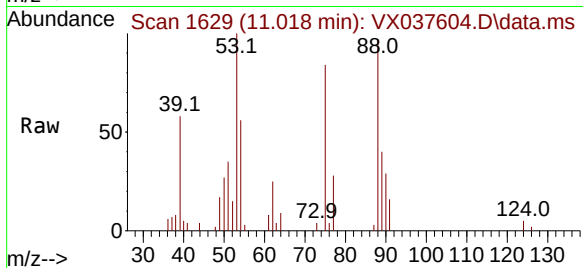
#81
trans-1,4-Dichloro-2-butene
Concen: 5.426 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3244
Ion Ratio Lower Upper
75 100
53 113.4 90.5 135.7
89 47.1 36.9 55.3

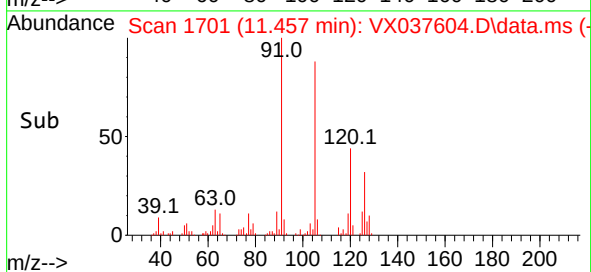
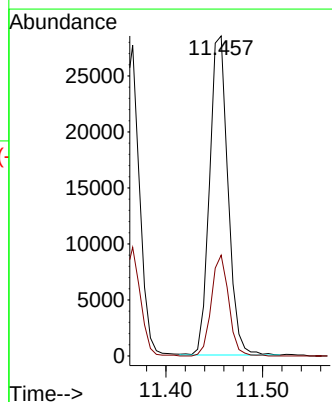
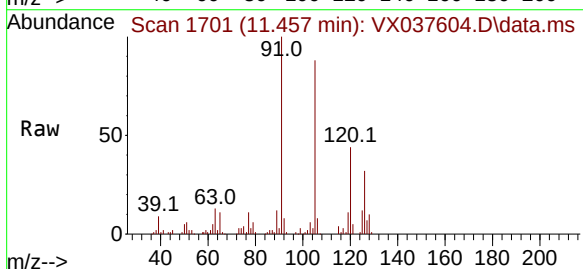
Manual Integrations
APPROVED

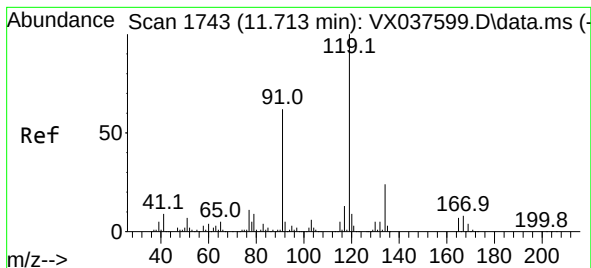
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
4-Chlorotoluene
Concen: 4.846 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 91 Resp: 37682
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.608 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

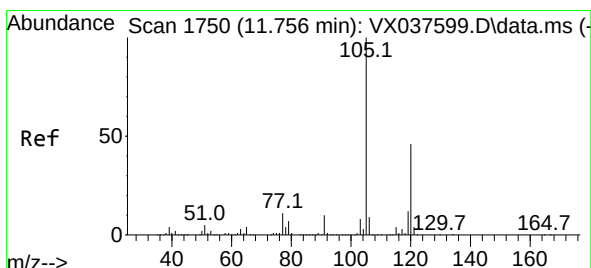
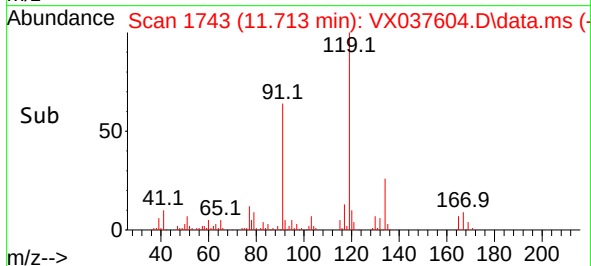
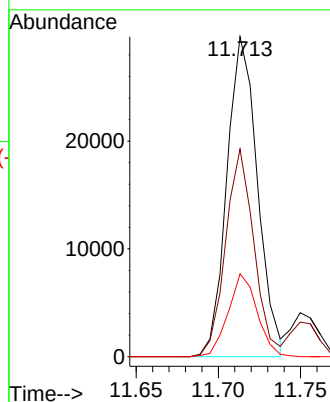
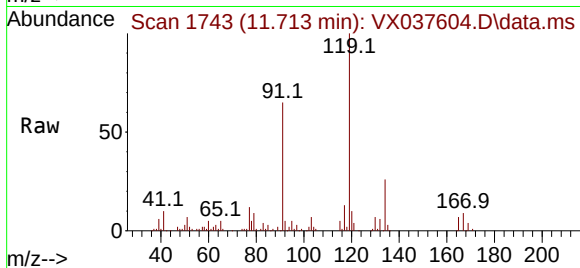
Tgt Ion:	119	Resp:	3845
Ion Ratio	Lower	Upper	
119	100		
91	60.2	31.2	93.6
134	24.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.799 ug/l

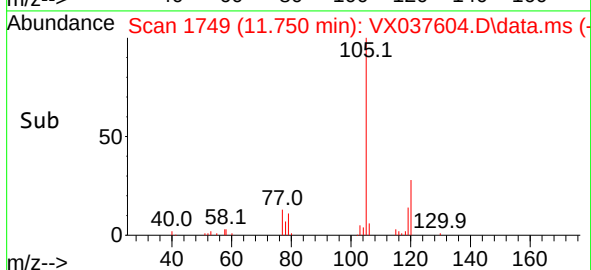
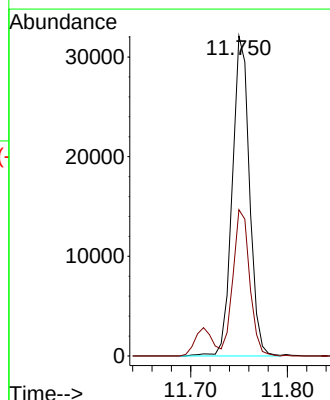
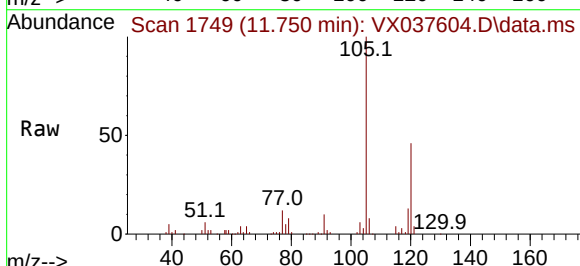
RT: 11.750 min Scan# 1749

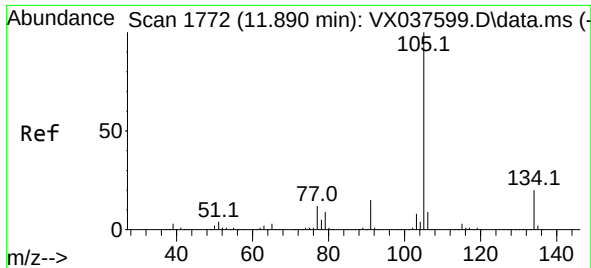
Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

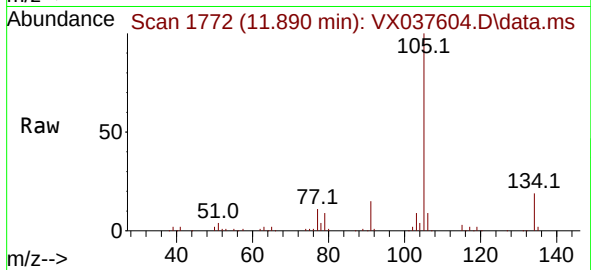
Tgt Ion:	105	Resp:	39719
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 4.959 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

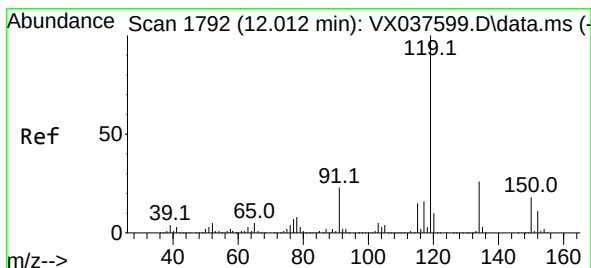
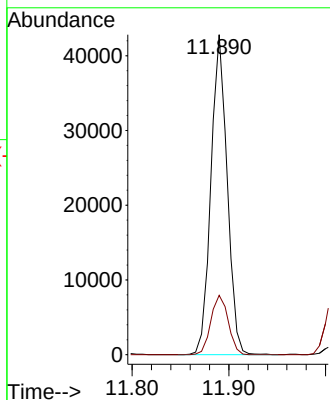
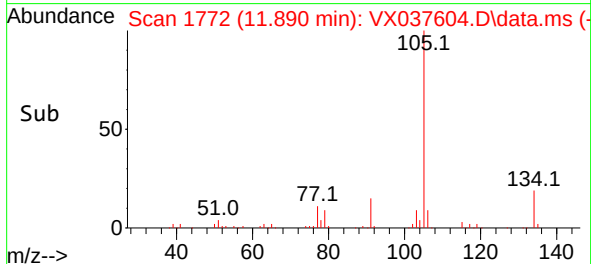
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



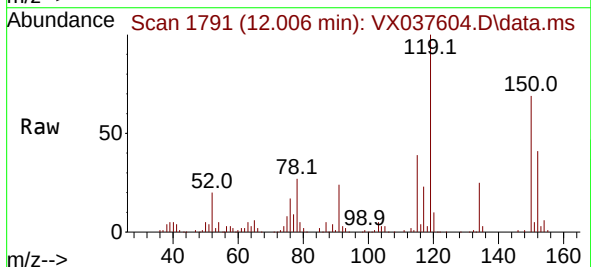
Tgt Ion:105 Resp: 49890
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

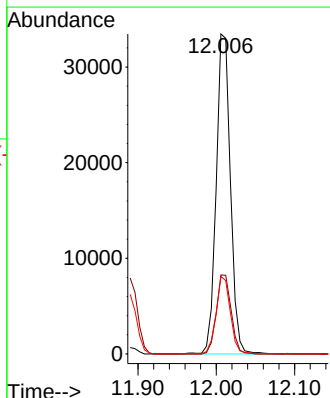
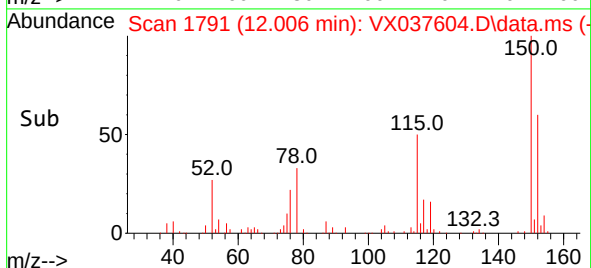
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

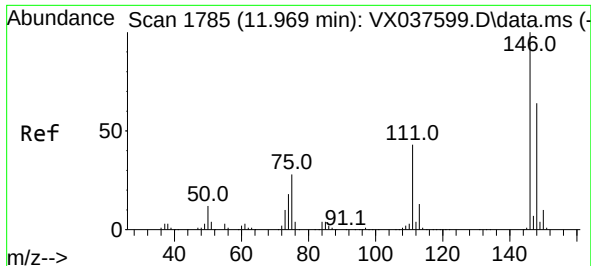


#86
 p-Isopropyltoluene
 Concen: 4.962 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03



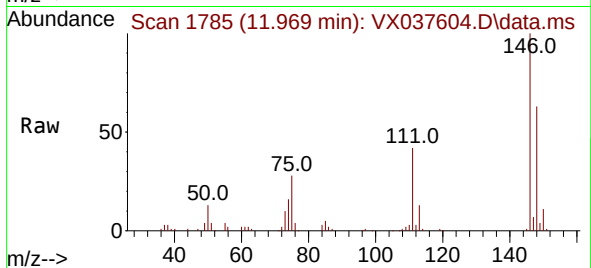
Tgt Ion:119 Resp: 42278
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 4.922 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

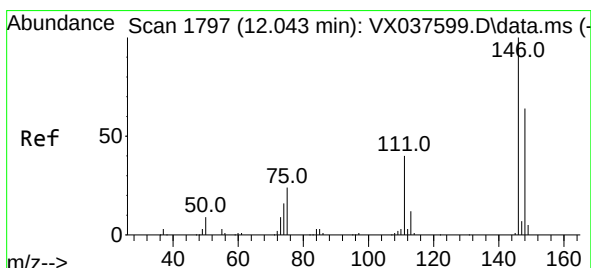
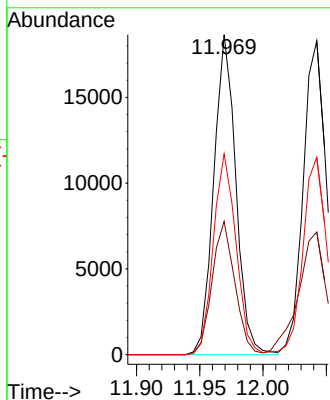
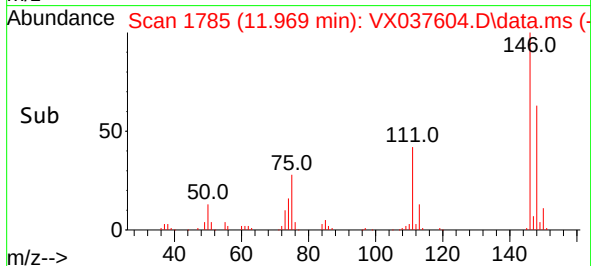
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



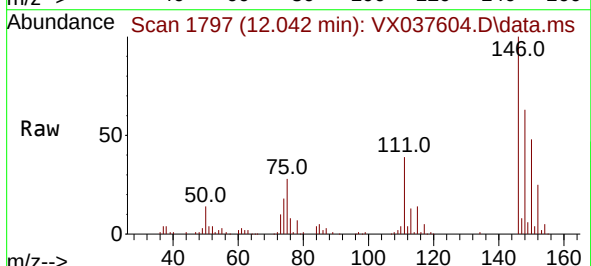
Tgt Ion:146 Resp: 2262
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 64.2 31.8 95.3

Manual Integrations
APPROVED

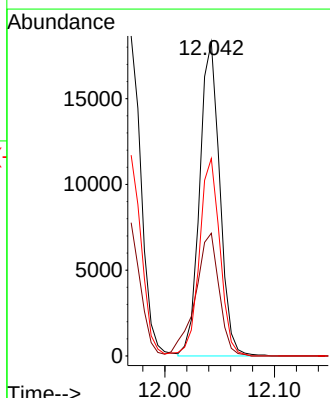
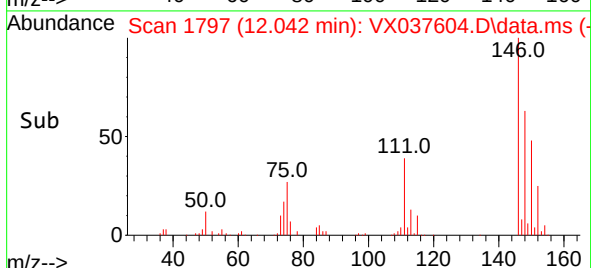
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

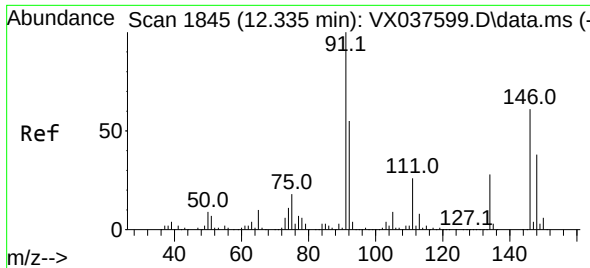


#88
1,4-Dichlorobenzene
Concen: 4.991 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



Tgt Ion:146 Resp: 23337
Ion Ratio Lower Upper
146 100
111 46.4 21.3 63.7
148 64.2 31.8 95.4





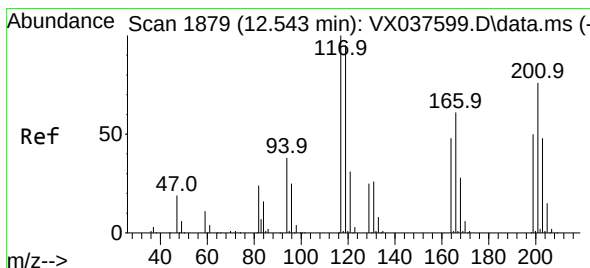
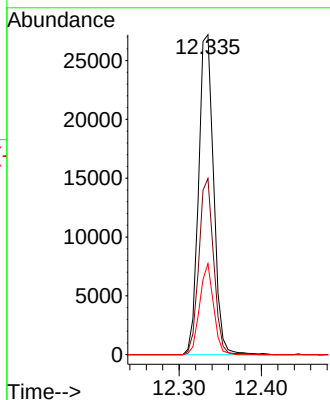
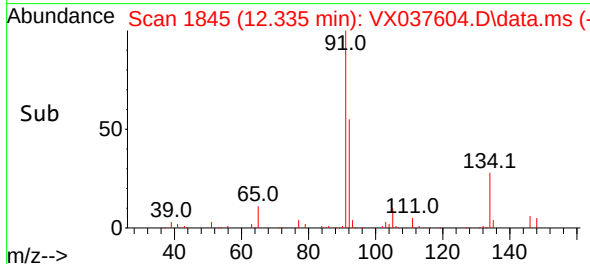
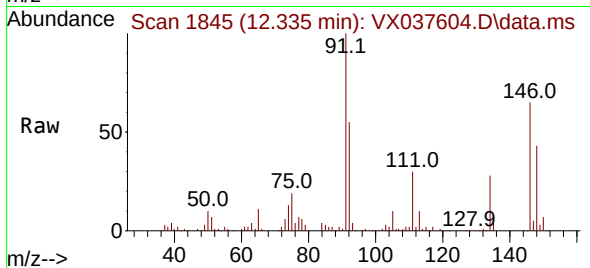
#89
n-Butylbenzene
Concen: 4.935 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3455
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 26.2 12.6 37.8

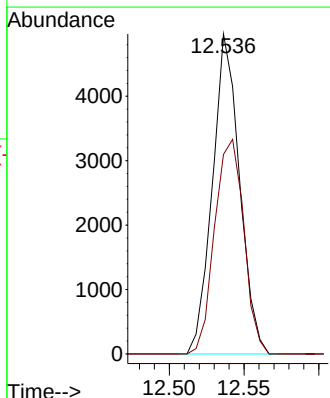
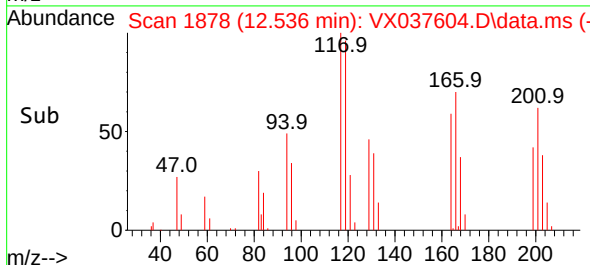
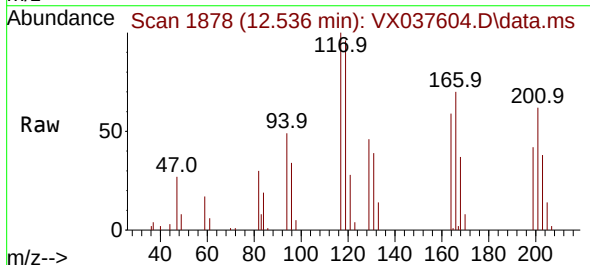
Manual Integrations
APPROVED

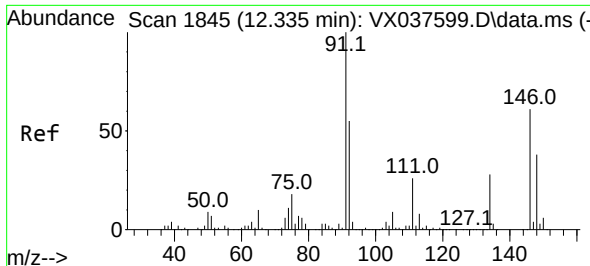
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#90
Hexachloroethane
Concen: 4.320 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:117 Resp: 6255
Ion Ratio Lower Upper
117 100
201 72.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.847 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

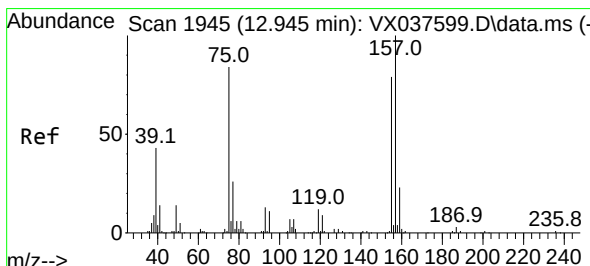
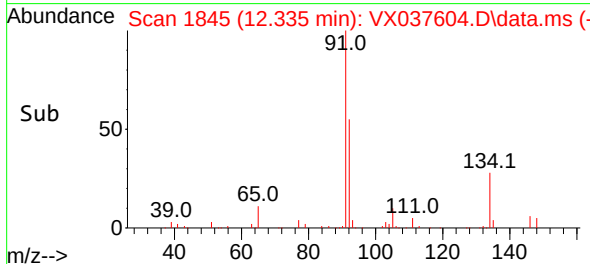
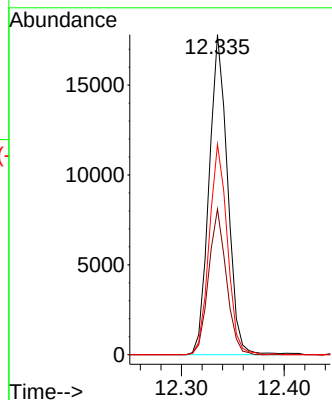
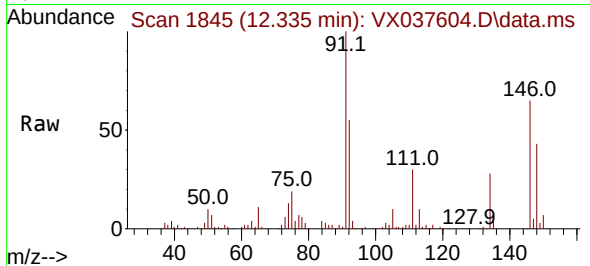
VSTDIC005

Tgt Ion:146 Resp: 2219
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 64.4 31.6 95.0

Manual Integrations

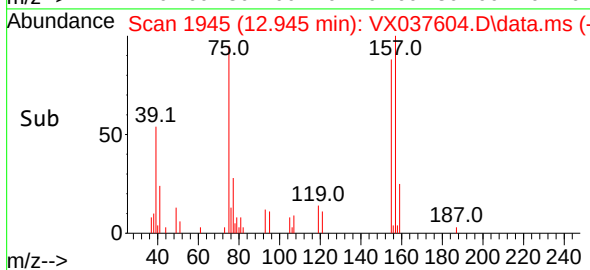
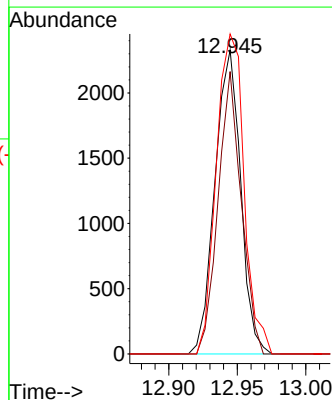
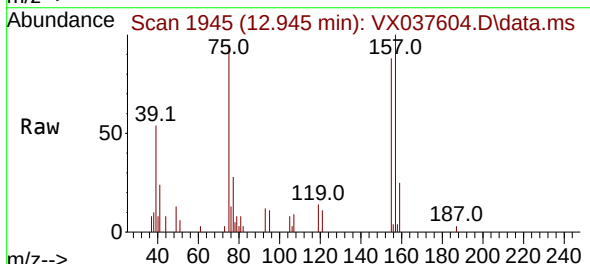
APPROVED

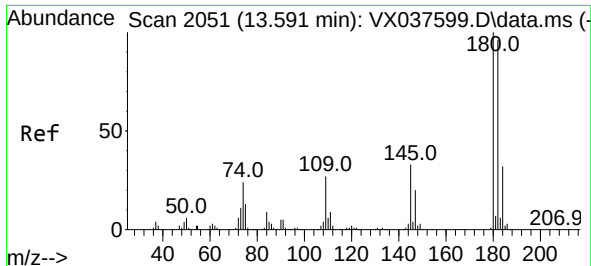
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.196 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

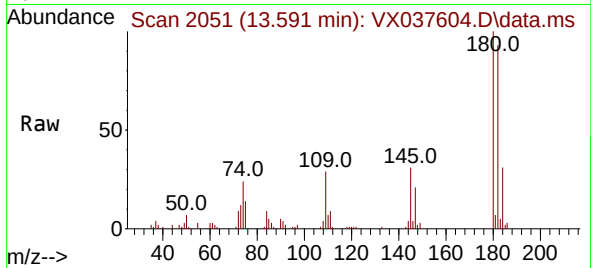
Tgt Ion: 75 Resp: 3030
Ion Ratio Lower Upper
75 100
155 84.0 36.1 108.5
157 114.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.729 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

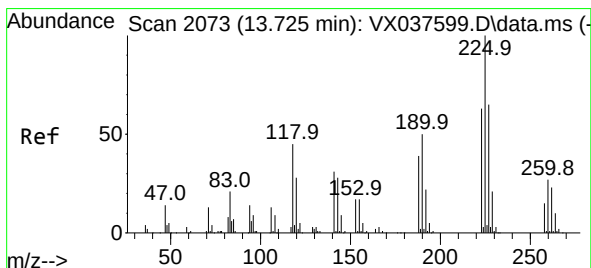
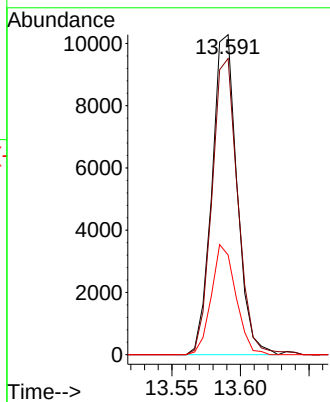
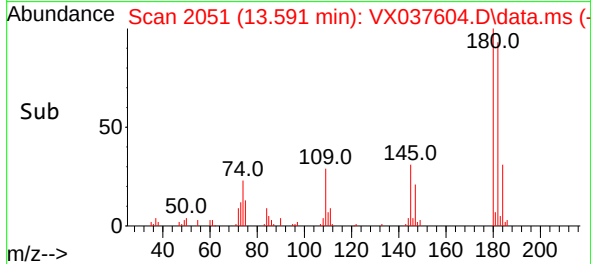
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



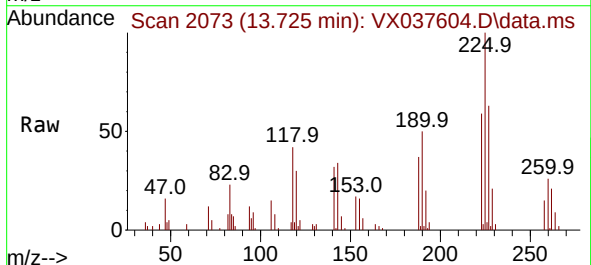
Tgt Ion:180 Resp: 13090
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.8
145 33.6 18.0 54.0

Manual Integrations
APPROVED

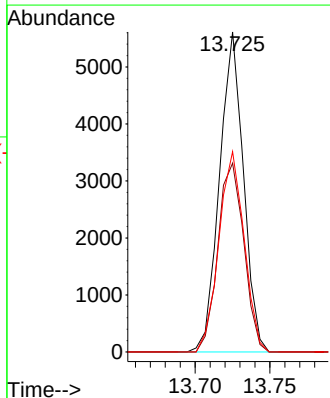
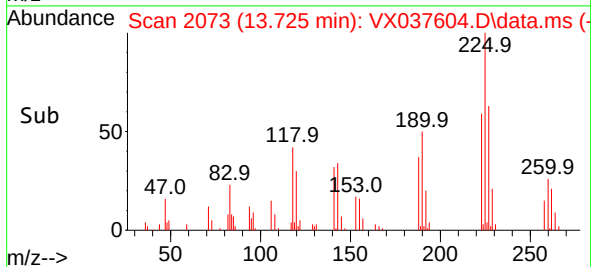
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

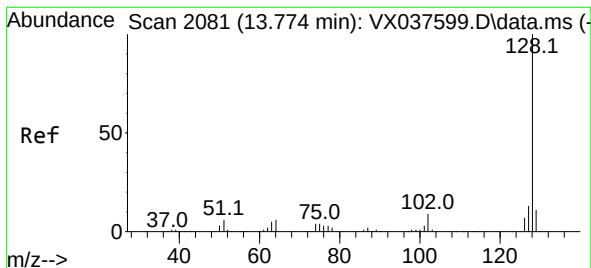


#94
Hexachlorobutadiene
Concen: 5.103 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



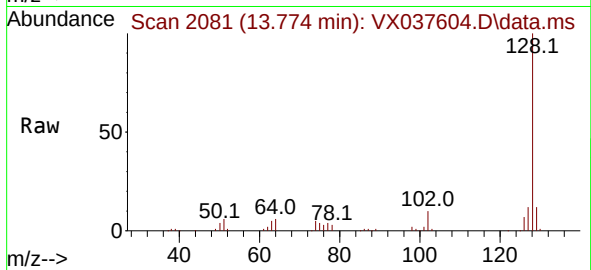
Tgt Ion:225 Resp: 6238
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 66.1 32.5 97.5





#95
Naphthalene
Concen: 4.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

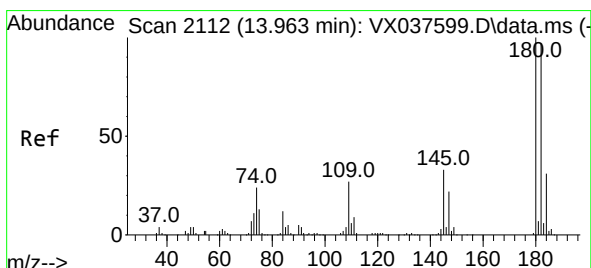
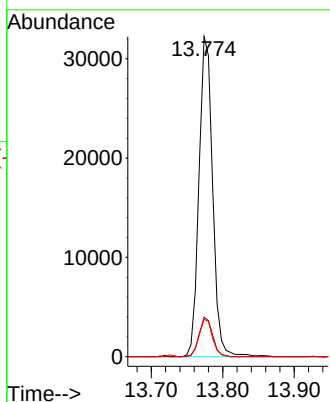
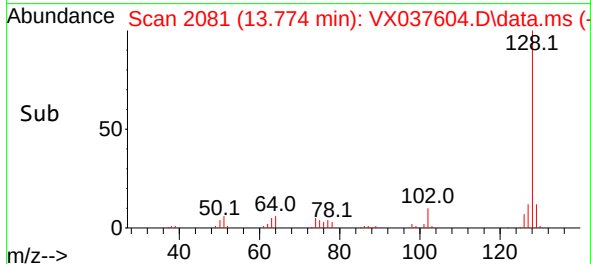
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



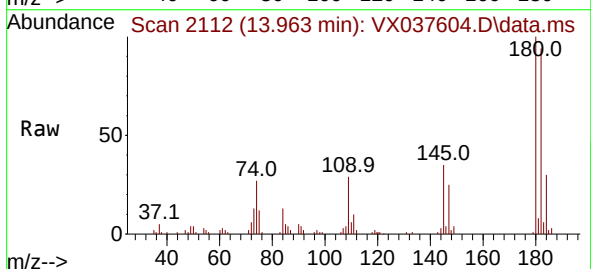
Tgt Ion:128 Resp: 42794
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.4 8.8 13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.695 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



Tgt Ion:180 Resp: 13431
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 34.5 17.8 53.5

