

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038838.D
 Acq On : 16 Nov 2023 14:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 16 22:46:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	179710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	333103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60322	20.831	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.660%#		
35) Dibromofluoromethane	5.379	113	49570	20.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.200%#		
50) Toluene-d8	8.647	98	194994	21.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.360%#		
62) 4-Bromofluorobenzene	11.079	95	77982	21.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39137	18.664	ug/l	97
3) Chloromethane	1.294	50	53479	19.540	ug/l	95
4) Vinyl Chloride	1.374	62	54897	20.823	ug/l	99
5) Bromomethane	1.599	94	23053	21.149	ug/l	97
6) Chloroethane	1.679	64	31774	21.119	ug/l	96
7) Trichlorofluoromethane	1.880	101	70875	21.186	ug/l	99
8) Diethyl Ether	2.130	74	30117	20.669	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	46874	21.128	ug/l	98
10) Methyl Iodide	2.447	142	58196	21.552	ug/l	91
11) Tert butyl alcohol	2.953	59	87541	108.693	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	46721	20.859	ug/l	89
13) Acrolein	2.233	56	41139	96.546	ug/l	98
14) Allyl chloride	2.660	41	95199	21.228	ug/l	90
15) Acrylonitrile	3.056	53	180056	105.803	ug/l	99
16) Acetone	2.373	43	167072	108.381	ug/l #	88
17) Carbon Disulfide	2.508	76	145192	20.927	ug/l	100
18) Methyl Acetate	2.697	43	147243	20.109	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	167782	21.297	ug/l	99
20) Methylene Chloride	2.788	84	56813	20.445	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	52056	21.063	ug/l	95
22) Diisopropyl ether	3.757	45	170795	20.760	ug/l	87
23) Vinyl Acetate	3.715	43	640486	108.097	ug/l	99
24) 1,1-Dichloroethane	3.605	63	96401	20.954	ug/l	98
25) 2-Butanone	4.544	43	266364	106.555	ug/l	95
26) 2,2-Dichloropropane	4.471	77	84230	21.107	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	61038	21.188	ug/l	95
28) Bromochloromethane	4.885	49	43493	19.690	ug/l	98
29) Tetrahydrofuran	4.995	42	168472	106.143	ug/l	96
30) Chloroform	5.086	83	93390	20.789	ug/l	98
31) Cyclohexane	5.458	56	90562	21.905	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	81630	20.979	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74377	21.571	ug/l	98
37) Ethyl Acetate	4.702	43	95620	21.286	ug/l	97
38) Carbon Tetrachloride	5.666	117	68951	21.637	ug/l	94
39) Methylcyclohexane	7.373	83	95018	21.127	ug/l	93
40) Benzene	6.031	78	218512	21.427	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038838.D
 Acq On : 16 Nov 2023 14:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 16 22:46:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	49370	21.190	ug/l	91
42) 1,2-Dichloroethane	6.080	62	72316	21.403	ug/l	95
43) Isopropyl Acetate	6.330	43	150905	21.020	ug/l	96
44) Trichloroethene	7.123	130	52569	21.177	ug/l	96
45) 1,2-Dichloropropane	7.427	63	59073	21.525	ug/l	97
46) Dibromomethane	7.574	93	39645	21.662	ug/l	97
47) Bromodichloromethane	7.818	83	76222	20.984	ug/l	99
48) Methyl methacrylate	7.690	41	69656	19.997	ug/l	90
49) 1,4-Dioxane	7.659	88	28572	423.989	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	494490	107.781	ug/l	98
52) Toluene	8.714	92	134938	21.322	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91679	21.238	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96571	21.658	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	55383	20.974	ug/l	93
56) Ethyl methacrylate	9.116	69	95640	21.407	ug/l	94
57) 1,3-Dichloropropane	9.305	76	94516	21.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	202305	97.202	ug/l	95
59) 2-Hexanone	9.427	43	404326	109.951	ug/l	96
60) Dibromochloromethane	9.519	129	56074	20.885	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58326	21.050	ug/l	100
64) Tetrachloroethene	9.269	164	40592	21.366	ug/l	96
65) Chlorobenzene	10.079	112	139698	21.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50137	21.169	ug/l	97
67) Ethyl Benzene	10.195	91	263087	21.749	ug/l	99
68) m/p-Xylenes	10.299	106	199756	43.655	ug/l	100
69) o-Xylene	10.640	106	97830	21.607	ug/l	100
70) Styrene	10.653	104	166238	21.740	ug/l	98
71) Bromoform	10.799	173	41664	21.102	ug/l #	99
73) Isopropylbenzene	10.963	105	252304	21.182	ug/l	99
74) N-amyl acetate	10.842	43	135183	21.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98044	21.086	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80662m	21.712	ug/l	
77) Bromobenzene	11.195	156	56176	20.989	ug/l	96
78) n-propylbenzene	11.305	91	315500	21.519	ug/l	98
79) 2-Chlorotoluene	11.366	91	183514	21.091	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216697	21.636	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36122	21.006	ug/l #	79
82) 4-Chlorotoluene	11.451	91	215742	21.503	ug/l	100
83) tert-Butylbenzene	11.713	119	206309	20.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	216410	21.348	ug/l	99
85) sec-Butylbenzene	11.890	105	279098	21.632	ug/l	99
86) p-Isopropyltoluene	12.006	119	221404	21.377	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111096	21.197	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	113399	21.140	ug/l	99
89) n-Butylbenzene	12.329	91	223714	21.409	ug/l	98
90) Hexachloroethane	12.536	117	44499	21.515	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	106780	21.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23812	20.902	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	70749	21.238	ug/l	97
94) Hexachlorobutadiene	13.725	225	25621	21.719	ug/l	100
95) Naphthalene	13.774	128	259079	20.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66988	21.213	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038838.D
Acq On : 16 Nov 2023 14:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

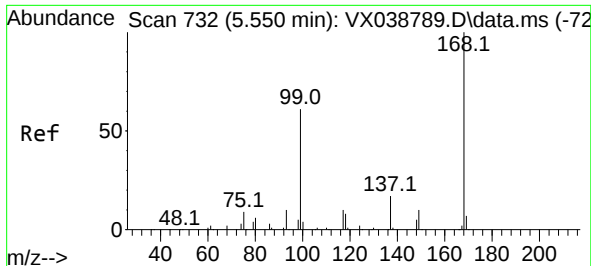
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 16 22:46:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 15:22:11 2023
Response via : Initial Calibration

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

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



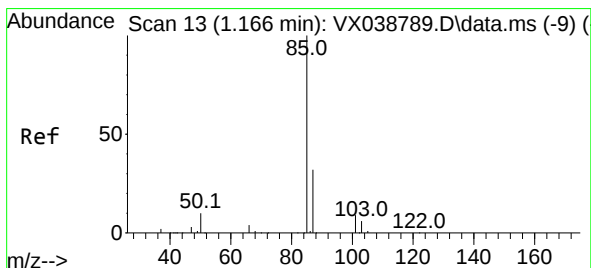
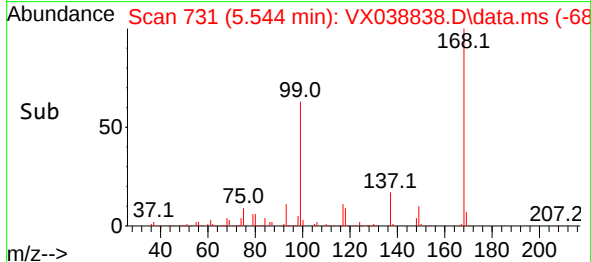
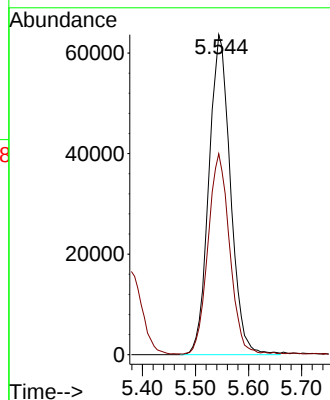
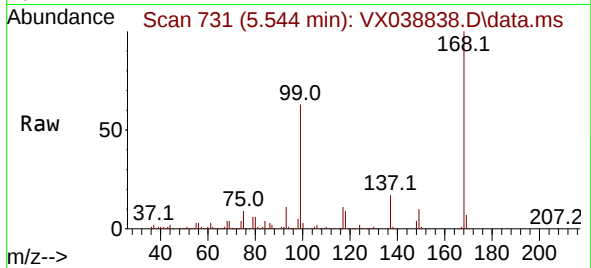
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 179710
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0

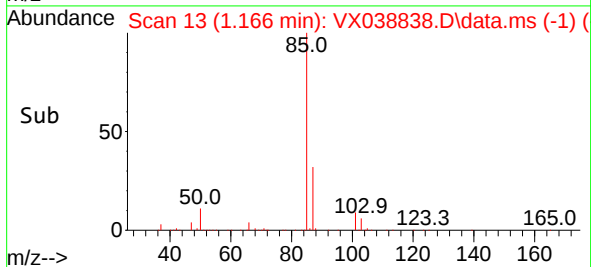
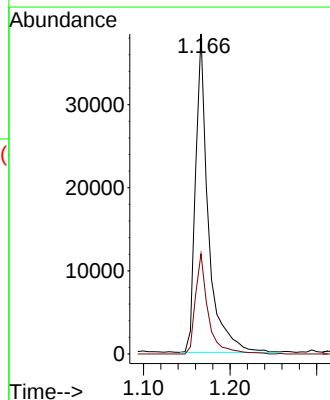
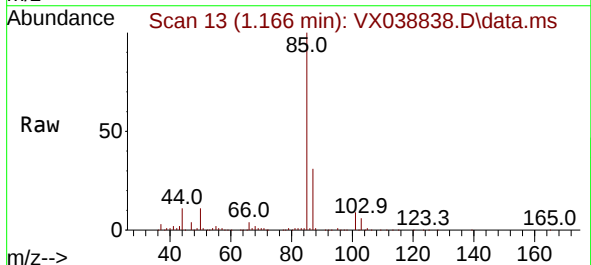
Manual Integrations
APPROVED

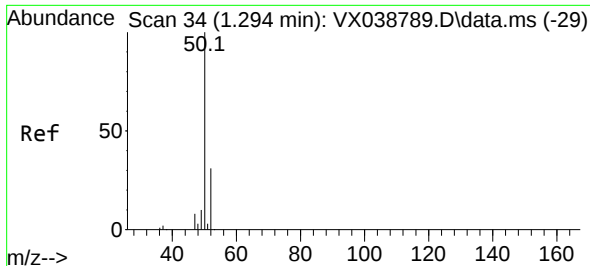
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 18.664 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

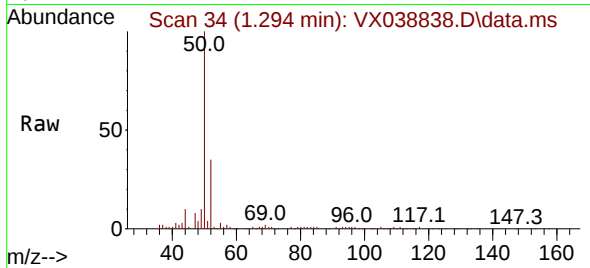
Tgt Ion: 85 Resp: 39137
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 19.540 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

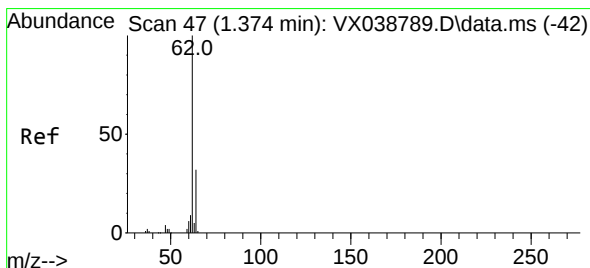
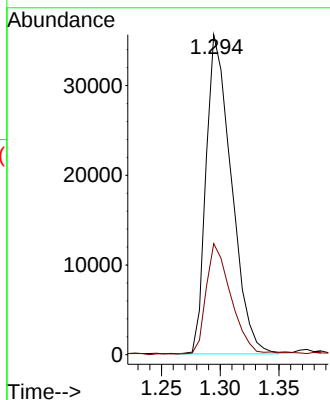
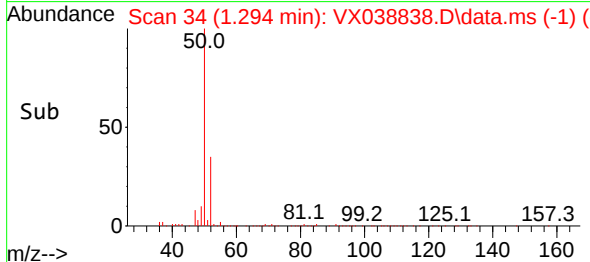
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 53479
Ion Ratio Lower Upper
50 100
52 34.5 25.5 38.3

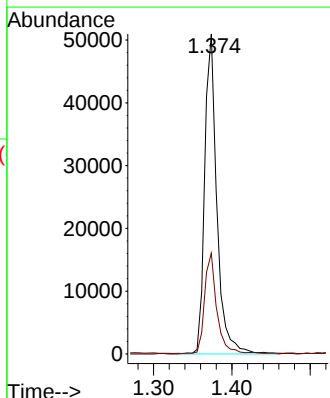
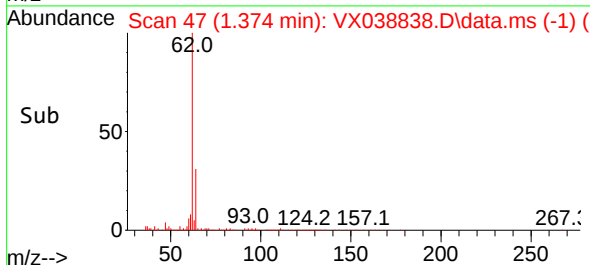
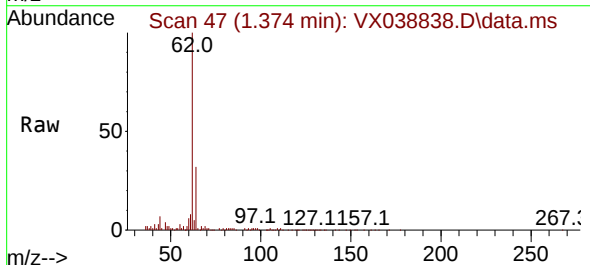
Manual Integrations
APPROVED

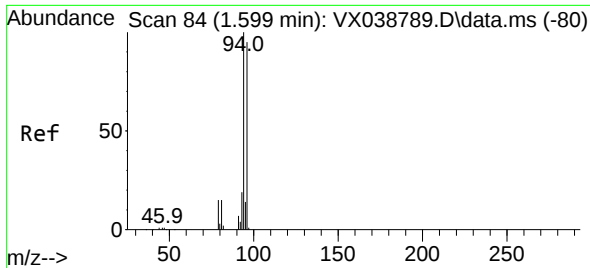
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 20.823 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

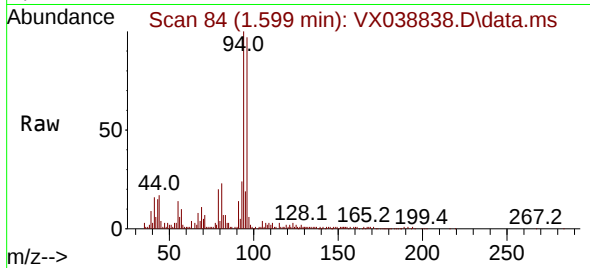
Tgt Ion: 62 Resp: 54897
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 21.149 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

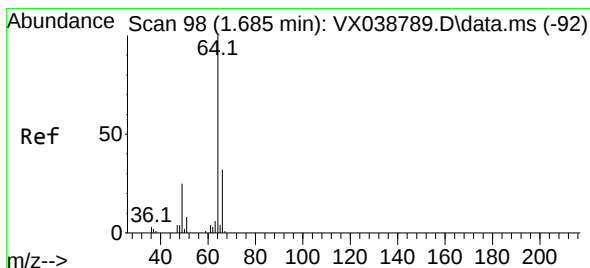
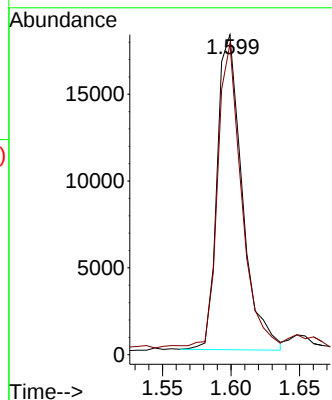
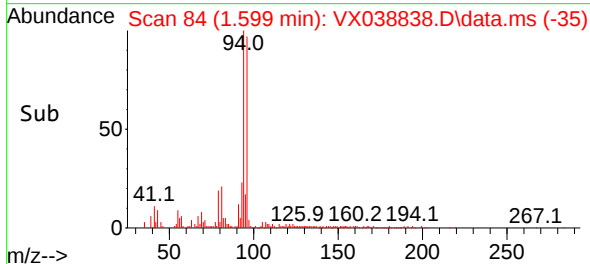
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 2305
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

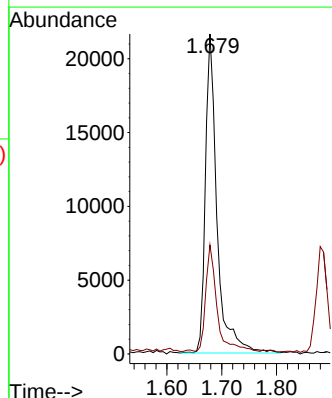
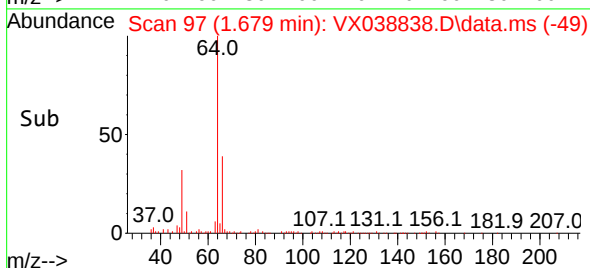
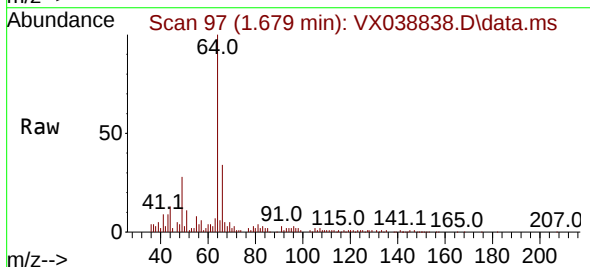
Manual Integrations
APPROVED

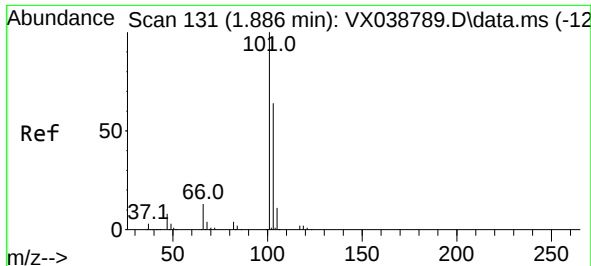
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#6
Chloroethane
Concen: 21.119 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 64 Resp: 31774
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7





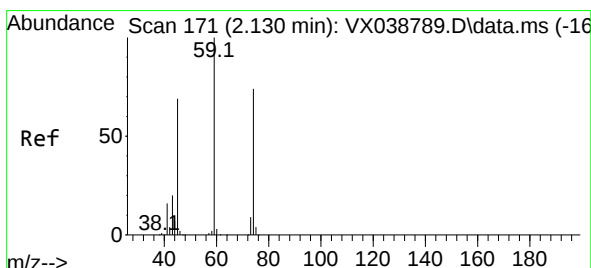
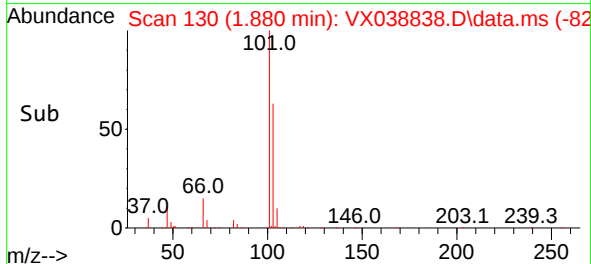
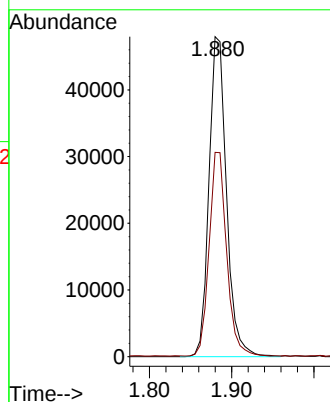
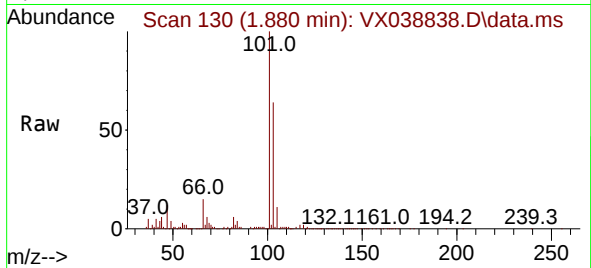
#7
Trichlorofluoromethane
Concen: 21.186 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 70875
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

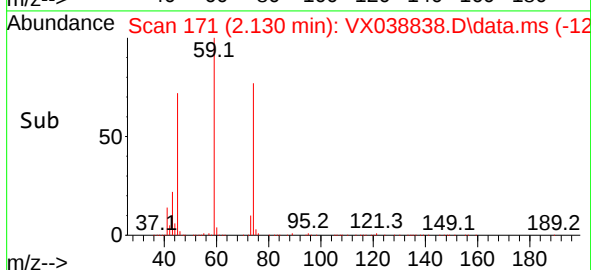
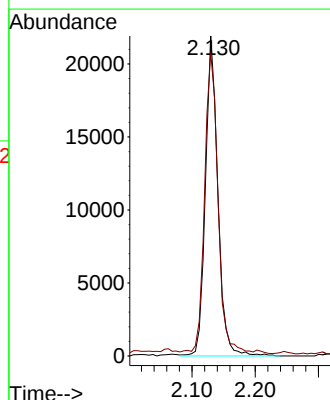
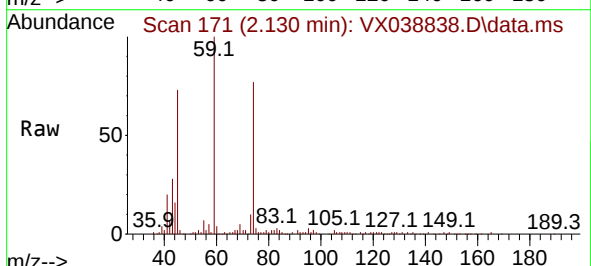
Manual Integrations
APPROVED

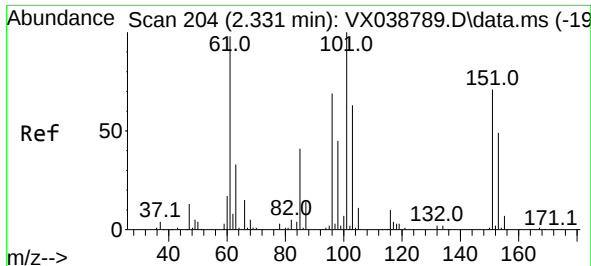
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#8
Diethyl Ether
Concen: 20.669 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 74 Resp: 30117
Ion Ratio Lower Upper
74 100
45 98.1 53.3 159.8





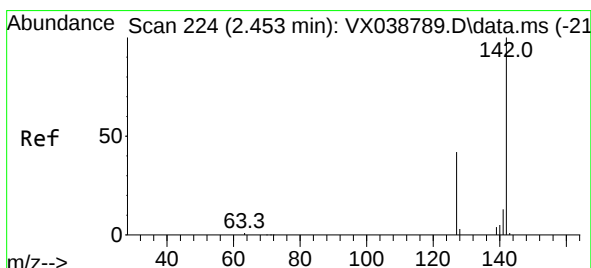
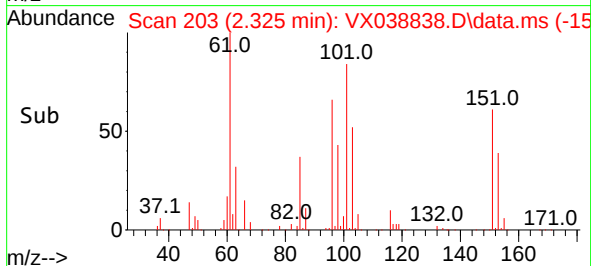
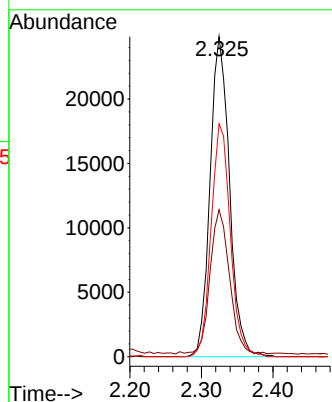
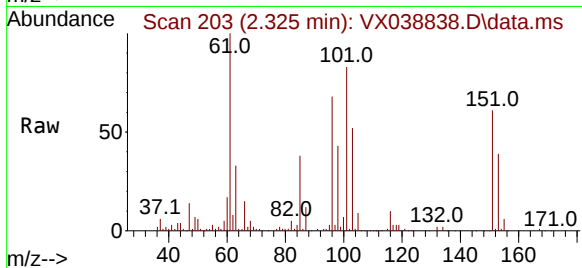
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.128 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 46874
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 72.0 58.6 87.8

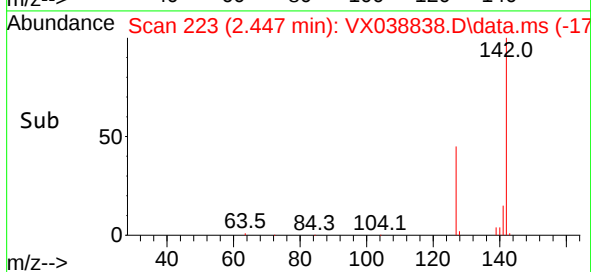
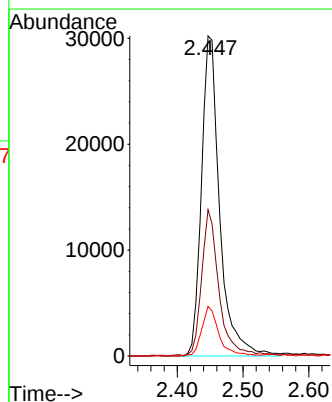
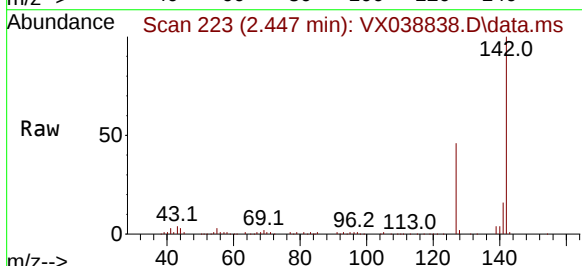
Manual Integrations
APPROVED

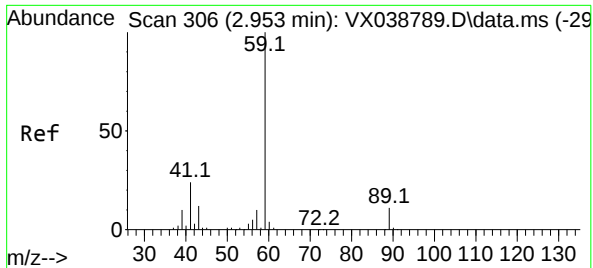
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 21.552 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion:142 Resp: 58196
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.6 11.6 17.4





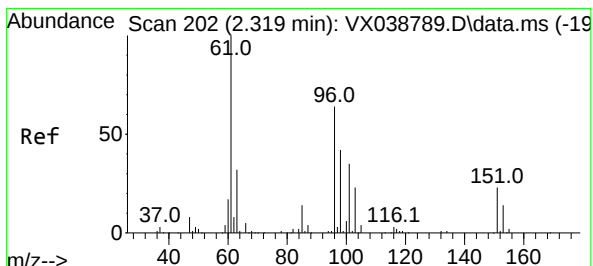
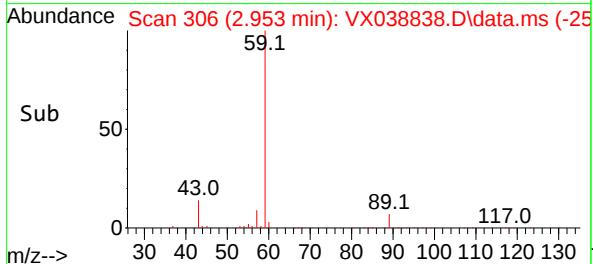
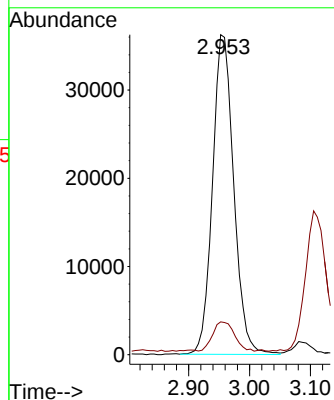
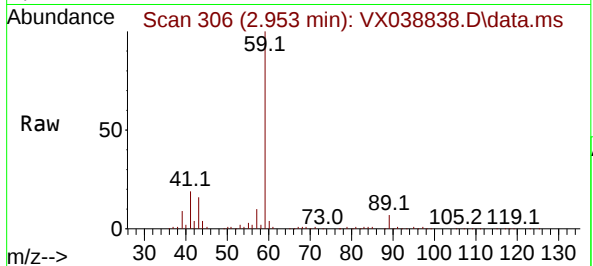
#11
Tert butyl alcohol
Concen: 108.693 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 8754
Ion Ratio Lower Upper
59 100
57 9.4 6.0 9.0

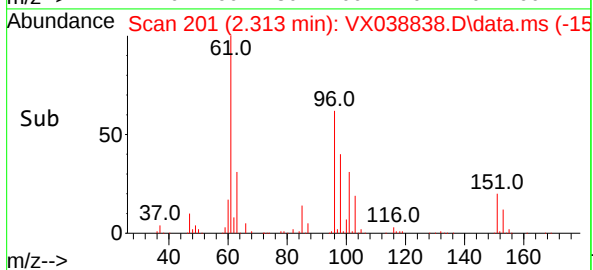
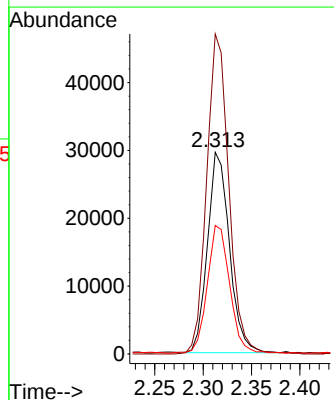
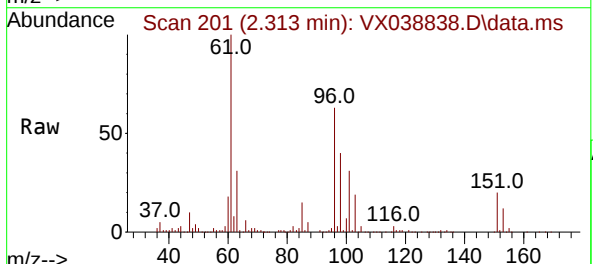
Manual Integrations
APPROVED

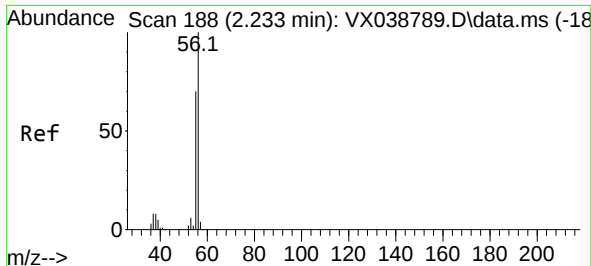
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 20.859 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 96 Resp: 46721
Ion Ratio Lower Upper
96 100
61 159.4 144.6 216.8
98 63.4 50.4 75.6





#13

Acrolein

Concen: 96.546 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 41139

Ion Ratio Lower Upper

56 100

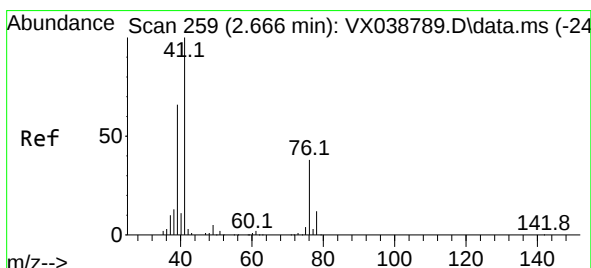
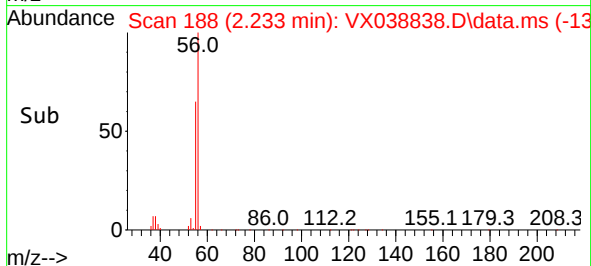
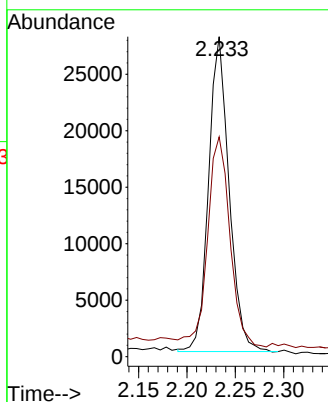
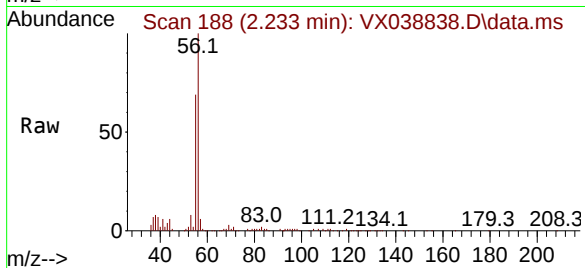
55 72.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#14

Allyl chloride

Concen: 21.228 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

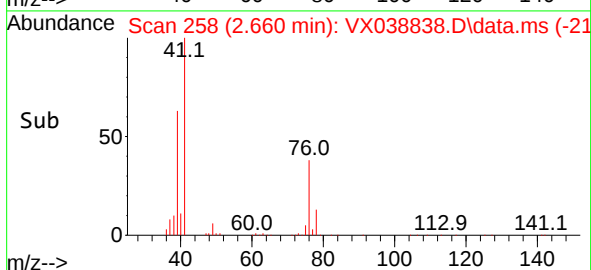
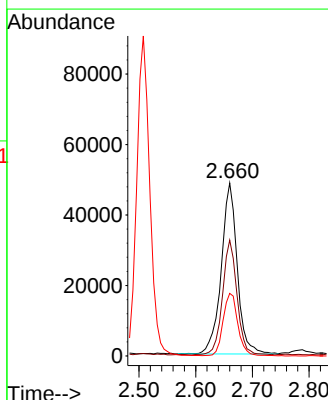
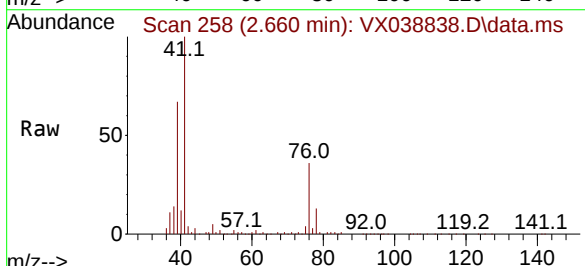
Tgt Ion: 41 Resp: 95199

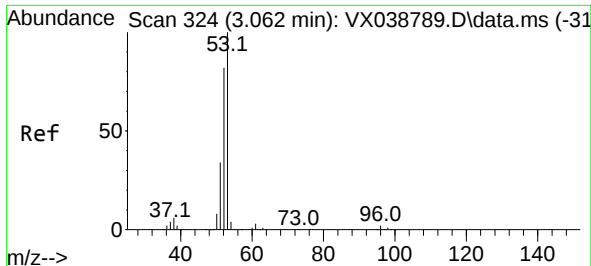
Ion Ratio Lower Upper

41 100

39 60.8 55.8 83.6

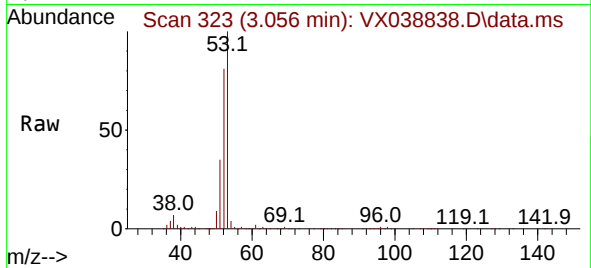
76 34.0 24.3 36.5





#15
Acrylonitrile
Concen: 105.803 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

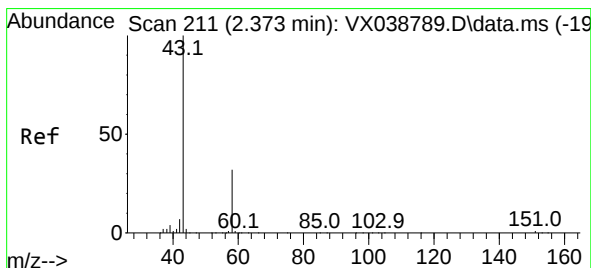
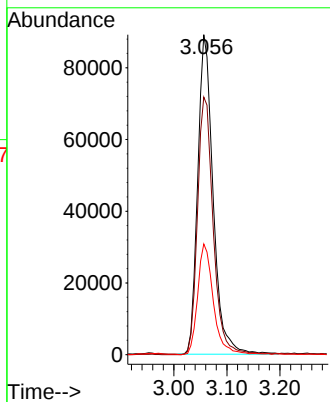
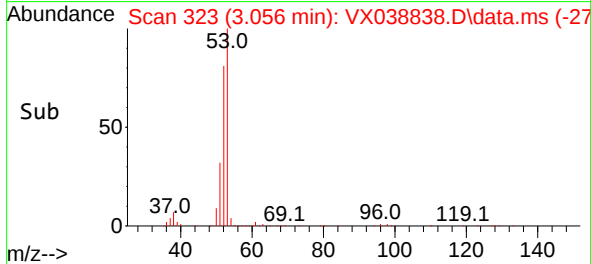
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 180050
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.5 29.8 44.6

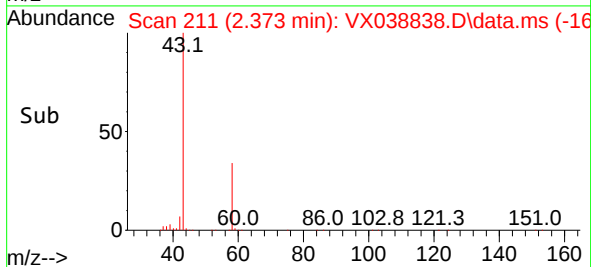
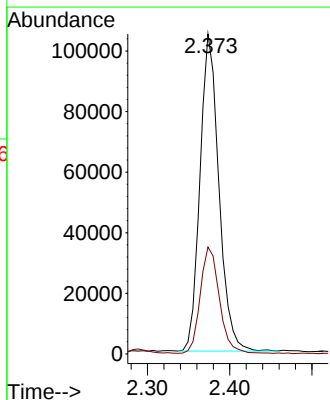
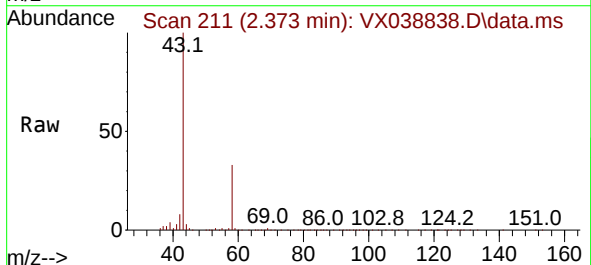
Manual Integrations
APPROVED

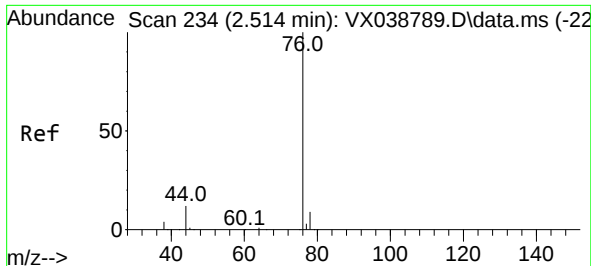
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 108.381 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 43 Resp: 167072
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#





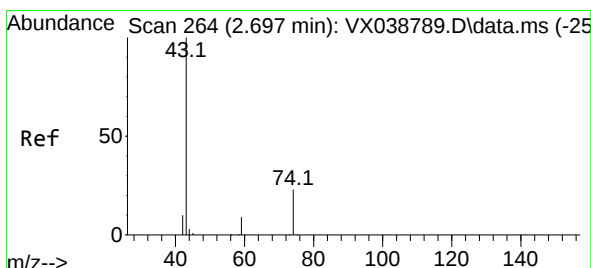
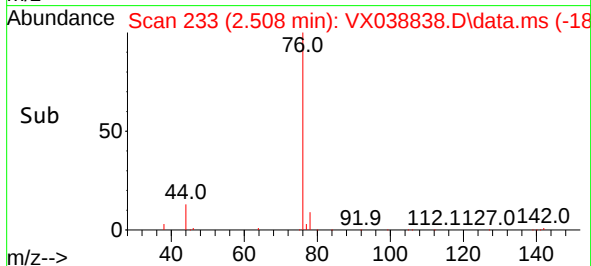
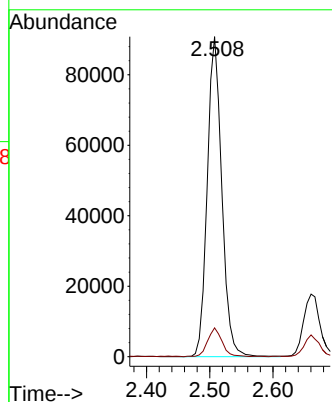
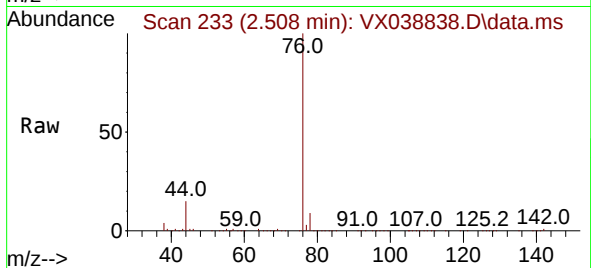
#17
Carbon Disulfide
Concen: 20.927 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 145192
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

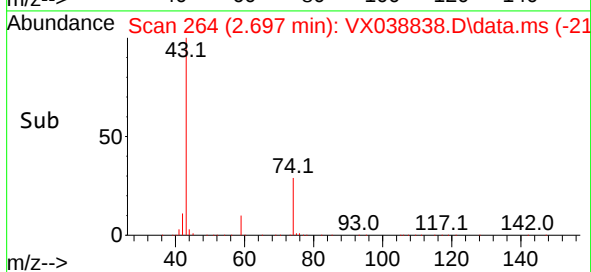
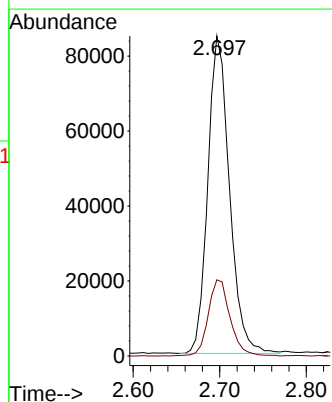
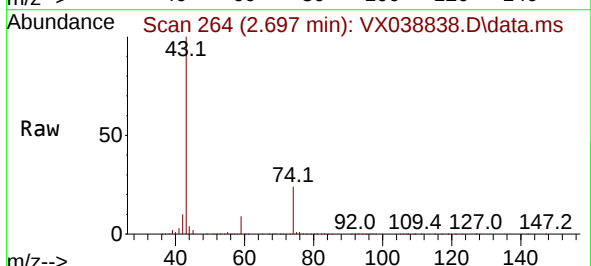
Manual Integrations
APPROVED

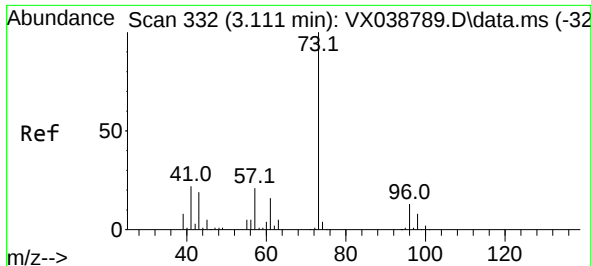
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 20.109 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 43 Resp: 147243
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





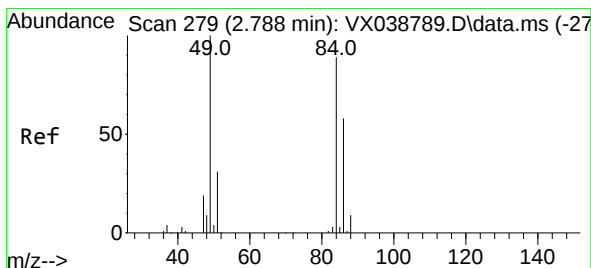
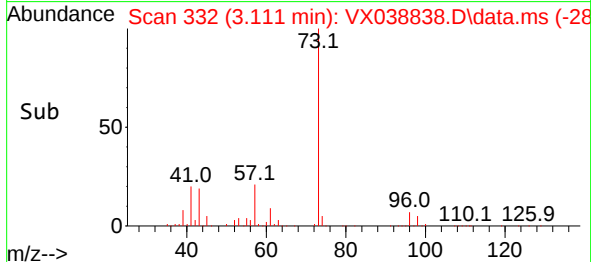
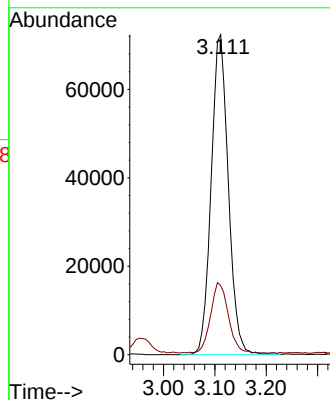
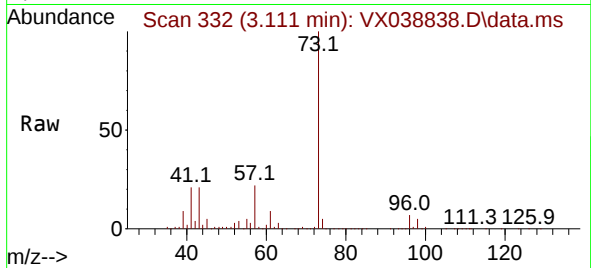
#19
Methyl tert-butyl Ether
Concen: 21.297 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 16778
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

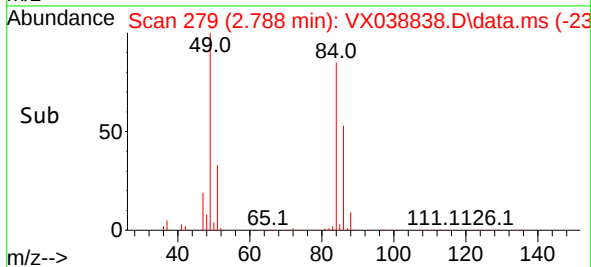
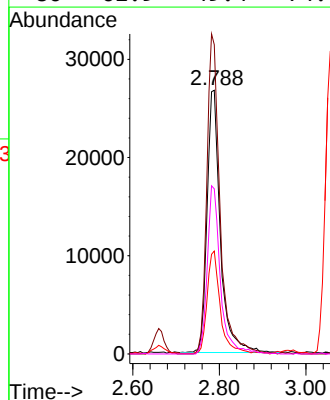
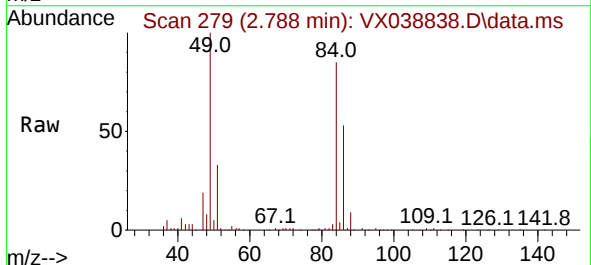
Manual Integrations
APPROVED

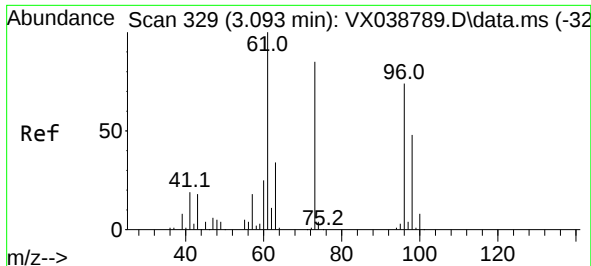
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 20.445 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

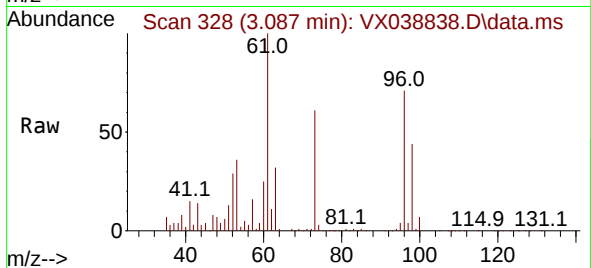
Tgt Ion: 84 Resp: 56813
Ion Ratio Lower Upper
84 100
49 117.9 103.6 155.4
51 38.9 33.8 50.6
86 62.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 21.063 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

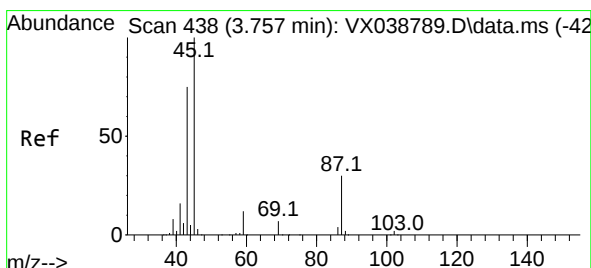
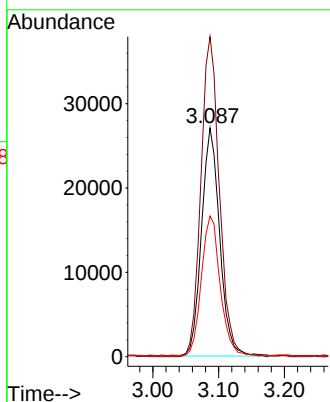
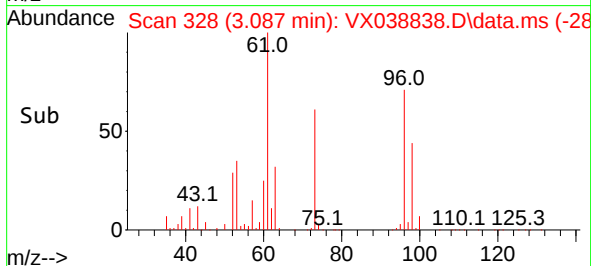
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 52050
Ion Ratio Lower Upper
96 100
61 140.3 119.2 178.8
98 61.1 48.7 73.1

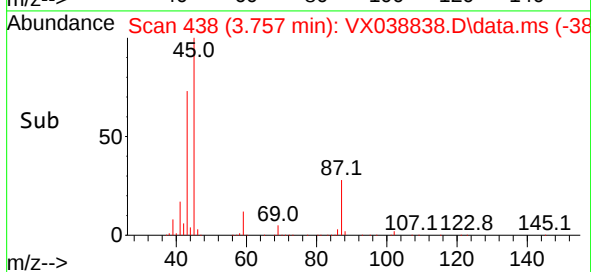
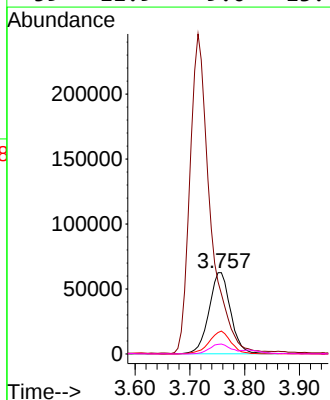
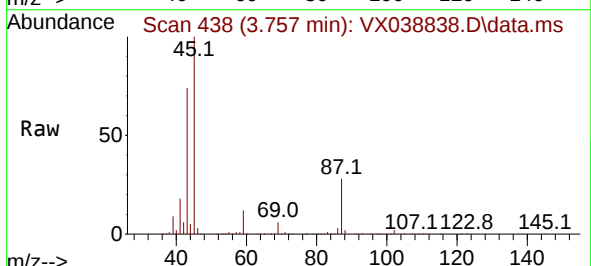
Manual Integrations
APPROVED

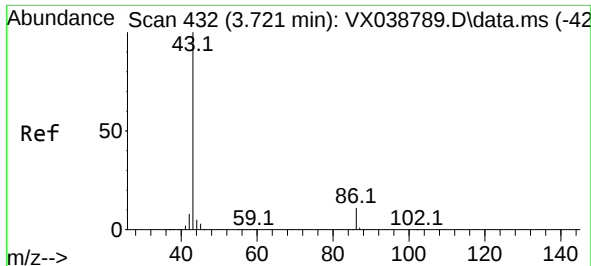
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 20.760 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

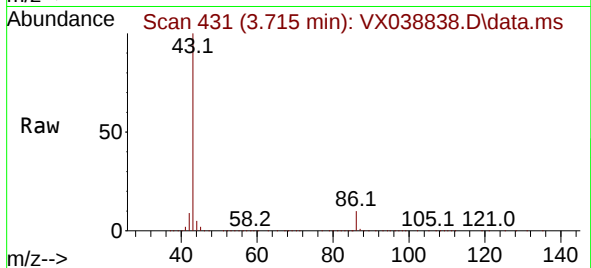
Tgt Ion: 45 Resp: 170795
Ion Ratio Lower Upper
45 100
43 70.7 69.7 104.5
87 28.1 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 108.097 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038838.D
 Acq: 16 Nov 2023 14:37

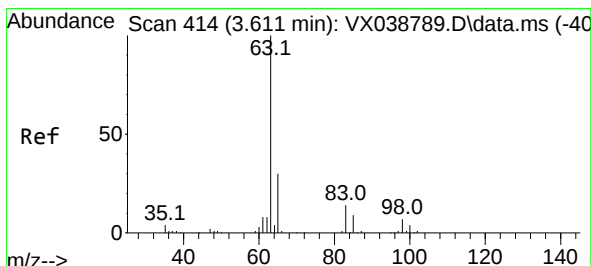
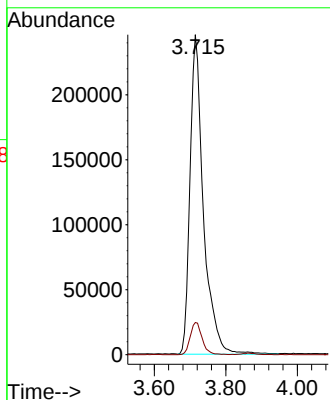
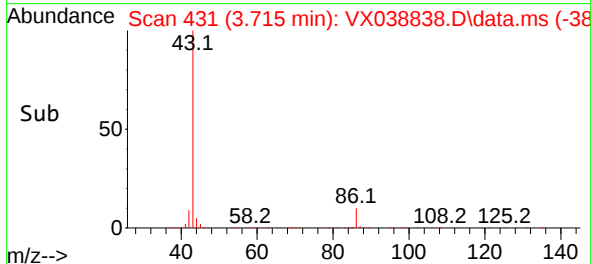
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



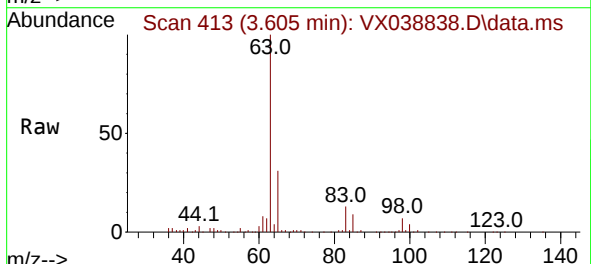
Tgt Ion: 43 Resp: 640480
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
 APPROVED

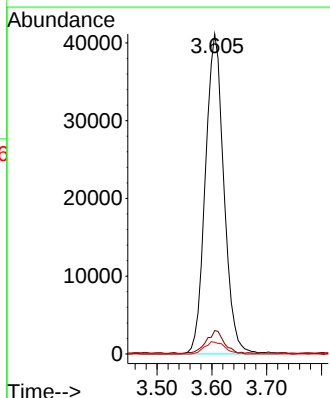
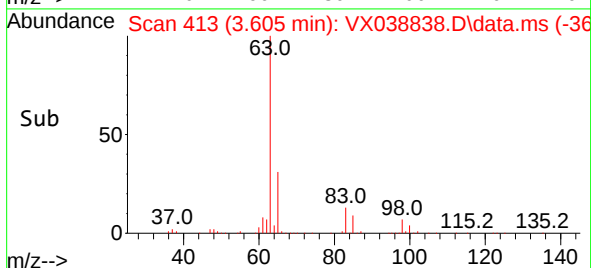
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

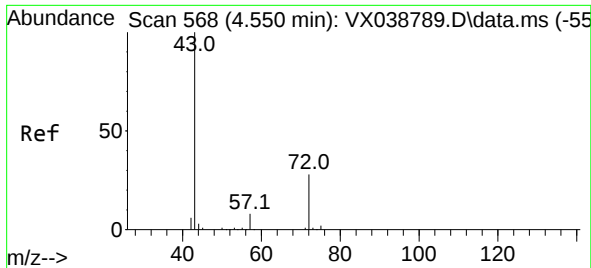


#24
 1,1-Dichloroethane
 Concen: 20.954 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038838.D
 Acq: 16 Nov 2023 14:37



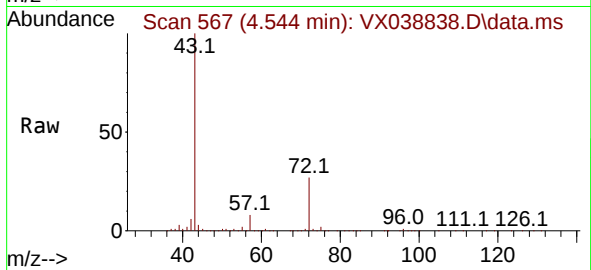
Tgt Ion: 63 Resp: 96401
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 3.6 2.1 6.5





#25
2-Butanone
Concen: 106.555 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

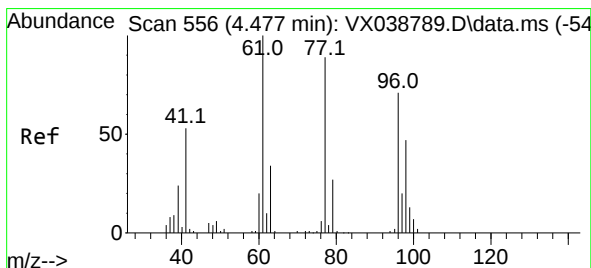
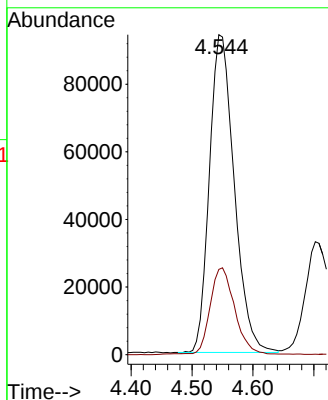
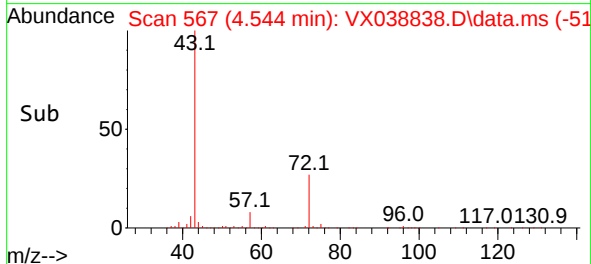
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 266364
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

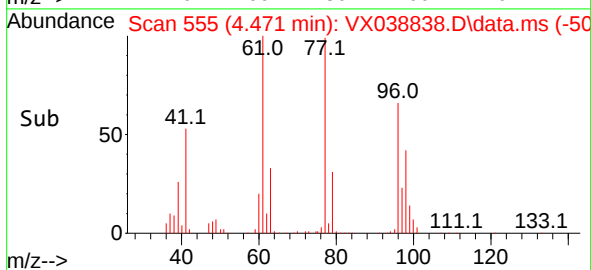
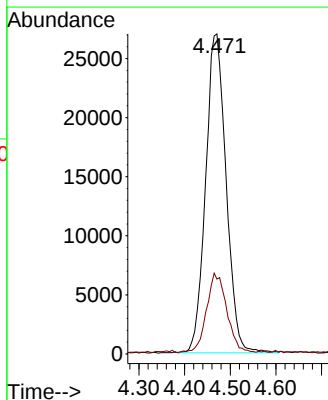
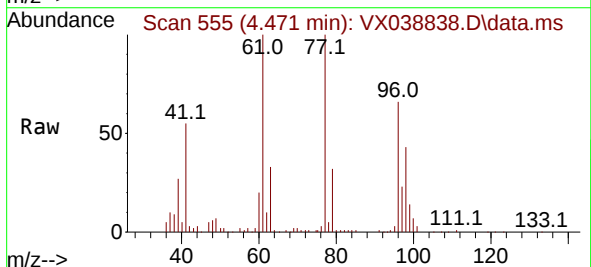
Manual Integrations
APPROVED

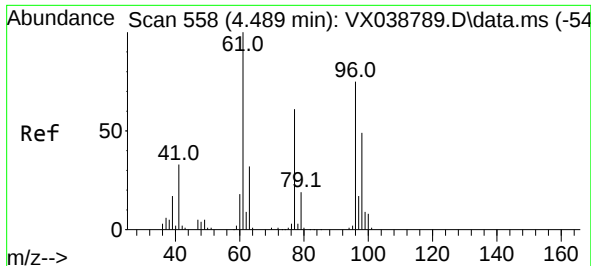
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 21.107 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 77 Resp: 84230
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.188 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 61038

Ion Ratio Lower Upper

96 100

61 147.3 0.0 312.2

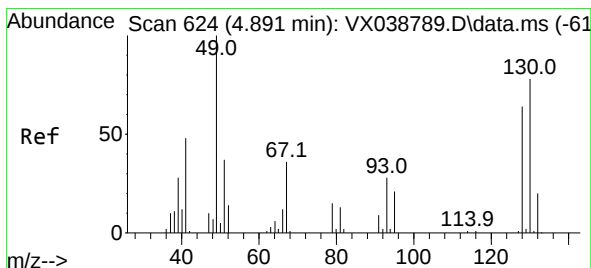
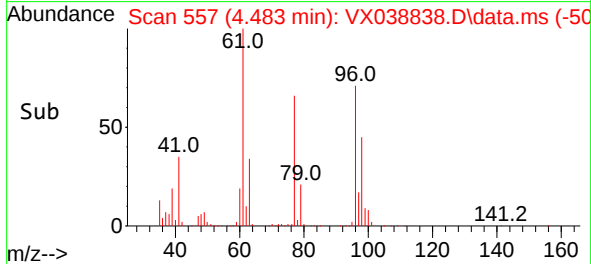
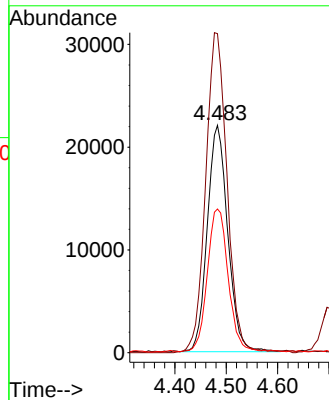
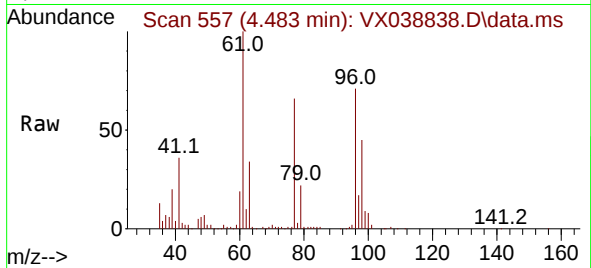
98 63.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#28

Bromochloromethane

Concen: 19.690 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

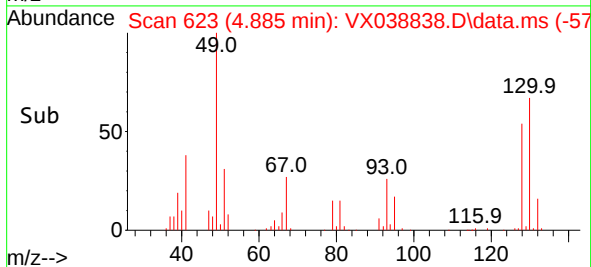
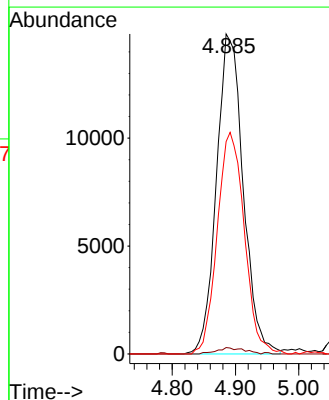
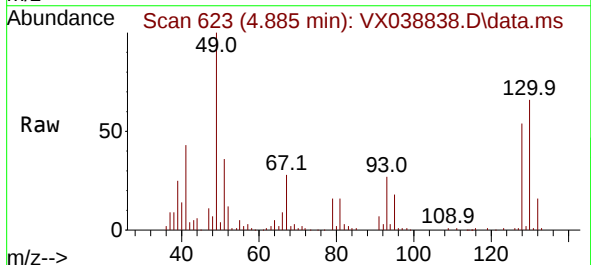
Tgt Ion: 49 Resp: 43493

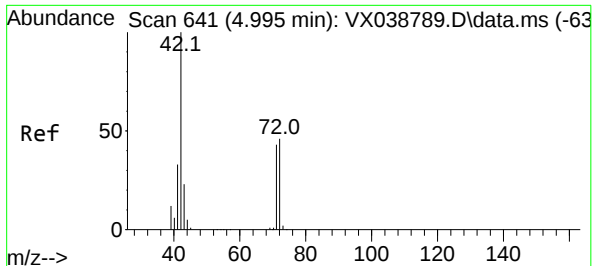
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 70.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 106.143 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 168472

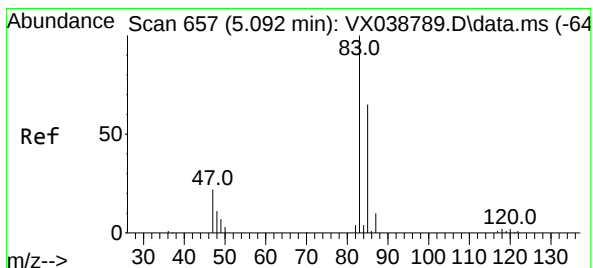
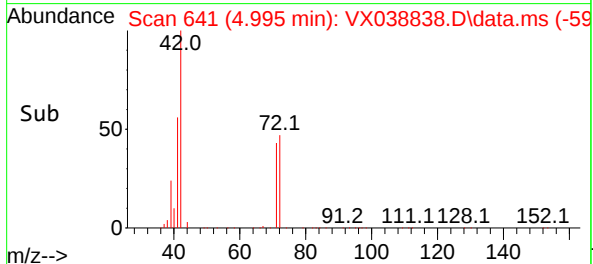
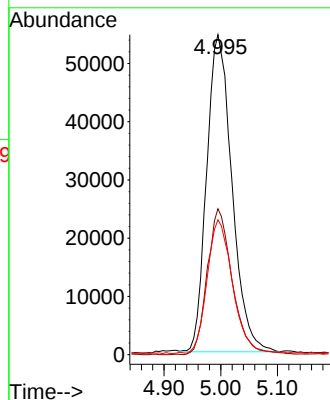
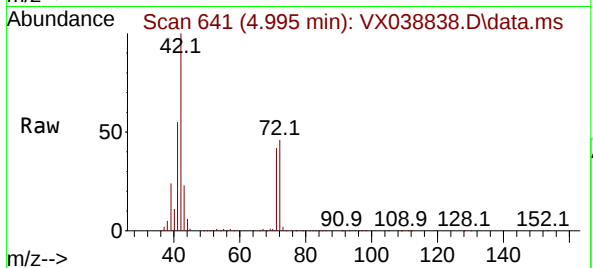
Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.2	51.4
71	42.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 20.789 ug/l

RT: 5.086 min Scan# 656

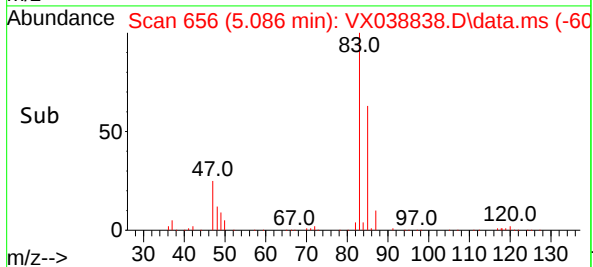
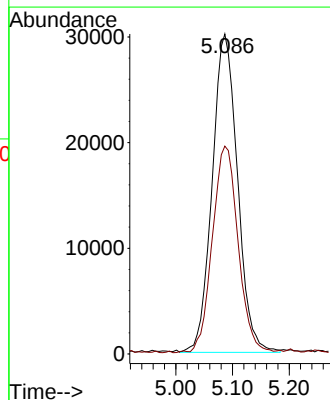
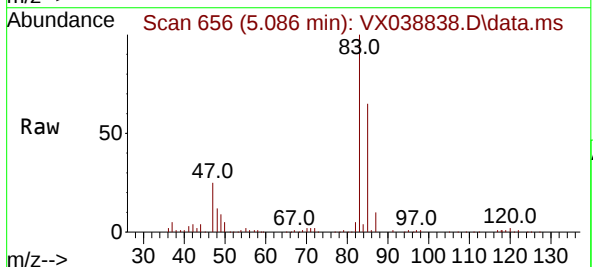
Delta R.T. -0.006 min

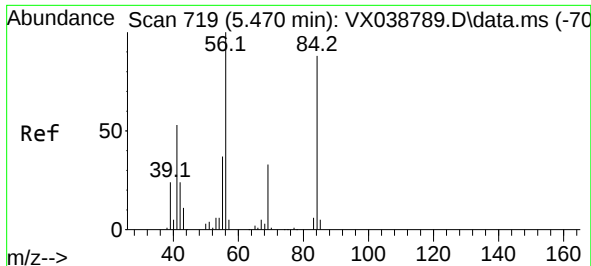
Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Tgt Ion: 83 Resp: 93390

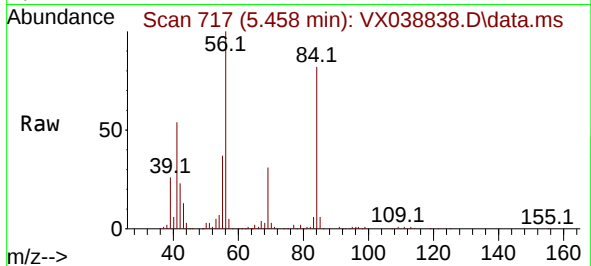
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.3	75.5





#31
Cyclohexane
Concen: 21.905 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

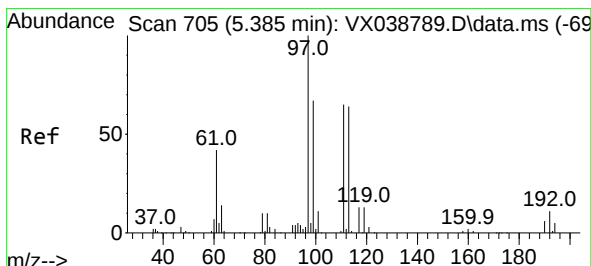
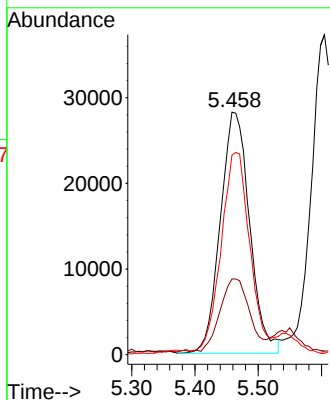
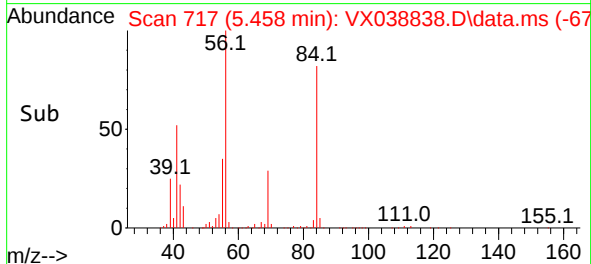
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 90562
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 80.9 65.9 98.9

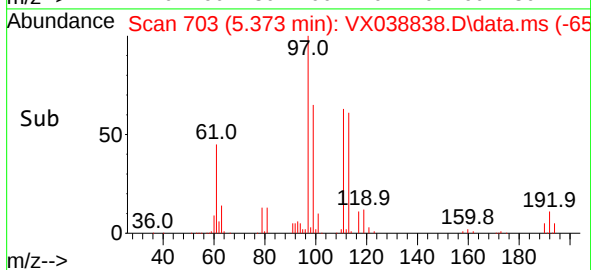
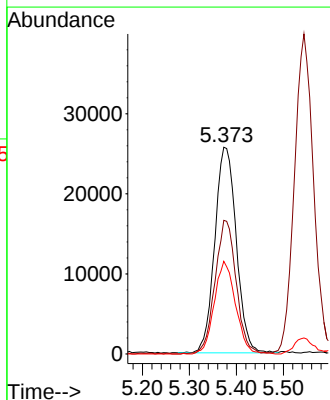
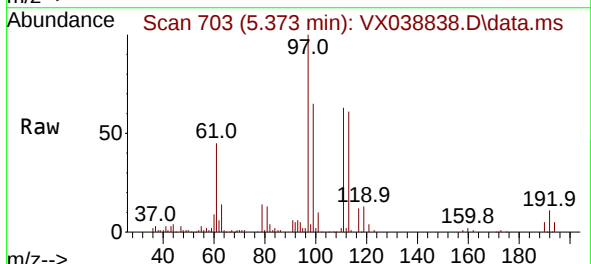
Manual Integrations
APPROVED

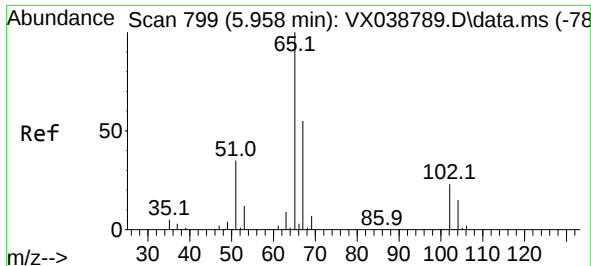
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 20.979 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 97 Resp: 81630
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.6 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 20.831 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

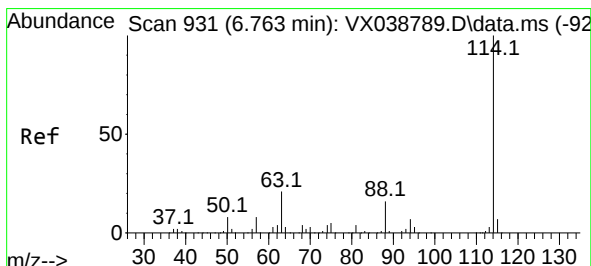
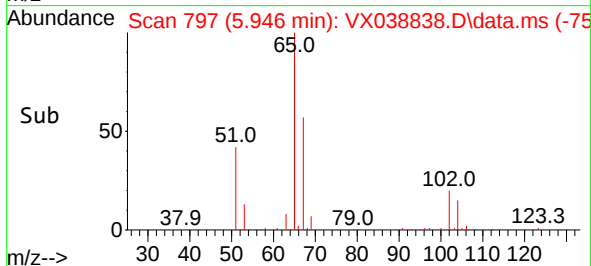
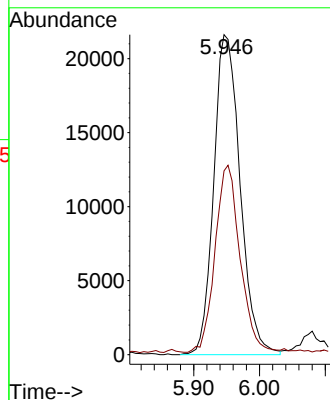
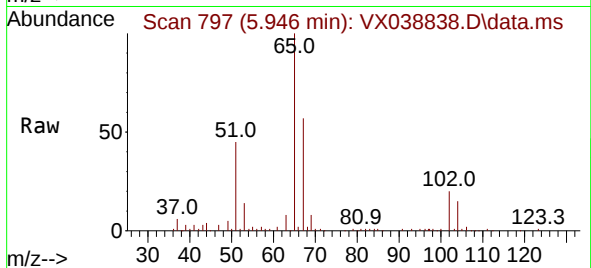
VSTDICC020

Tgt Ion: 65 Resp: 6032
Ion Ratio Lower Upper
65 100
67 55.3 0.0 100.2

Manual Integrations

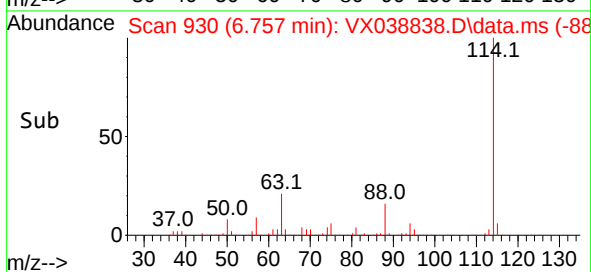
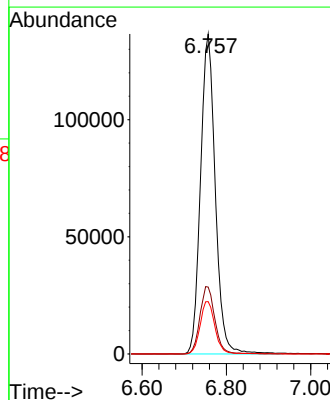
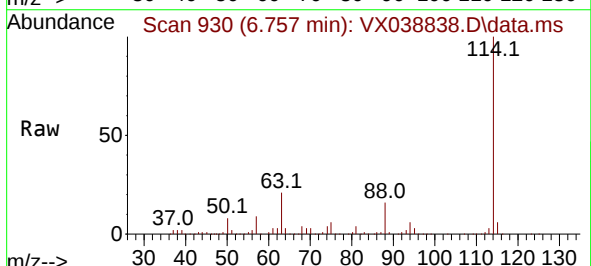
APPROVED

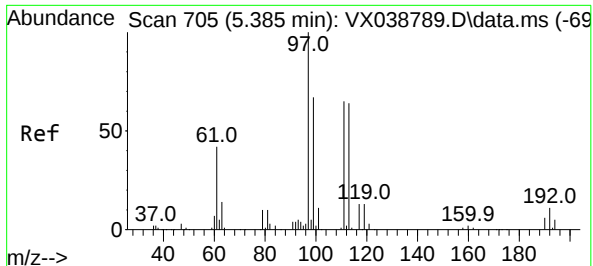
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion:114 Resp: 333103
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 20.605 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 49570

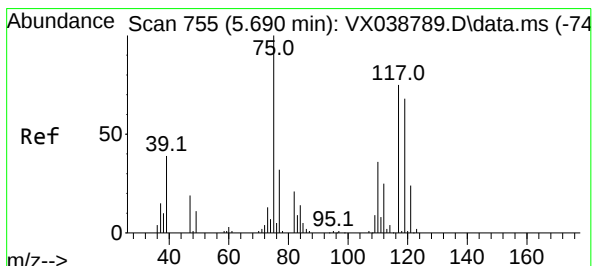
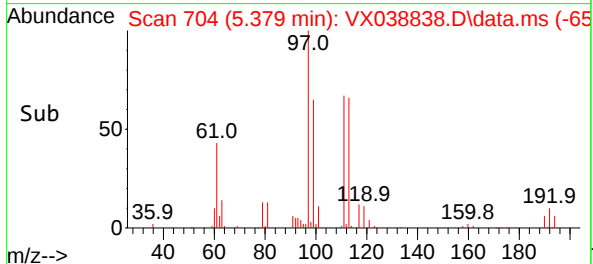
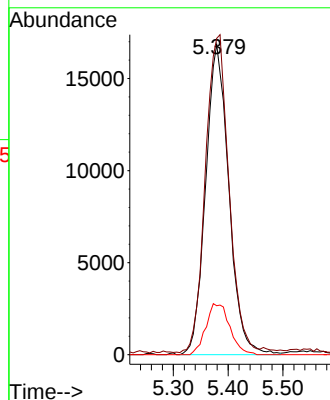
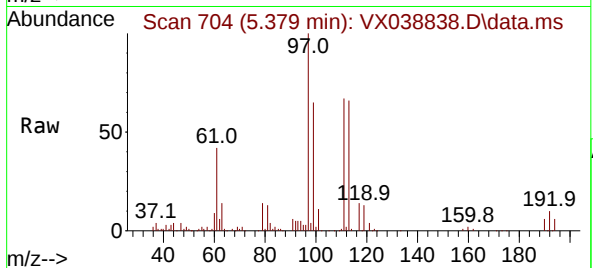
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	16.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#36

1,1-Dichloropropene

Concen: 21.571 ug/l

RT: 5.684 min Scan# 754

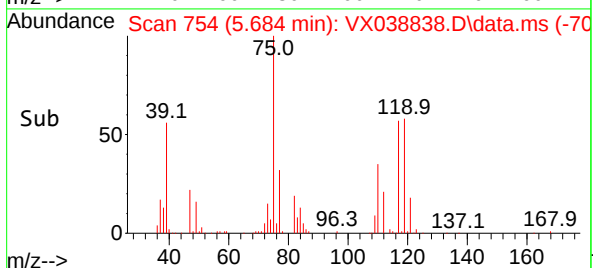
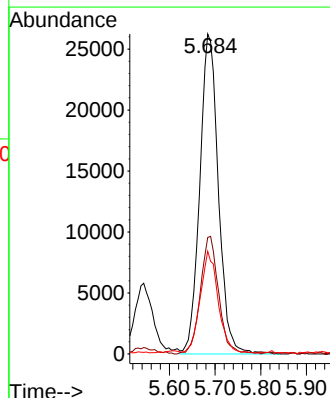
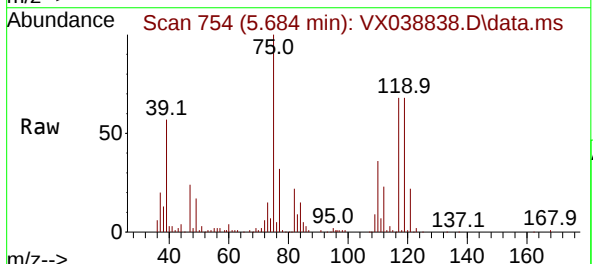
Delta R.T. -0.006 min

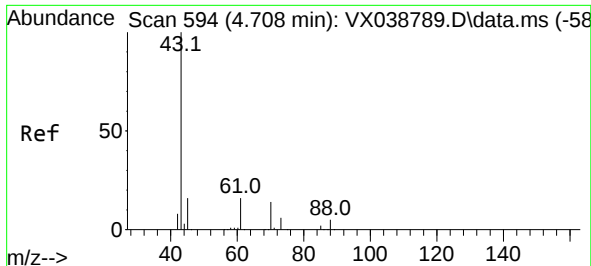
Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Tgt Ion: 75 Resp: 74377

Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.0	50.9
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 21.286 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 95620

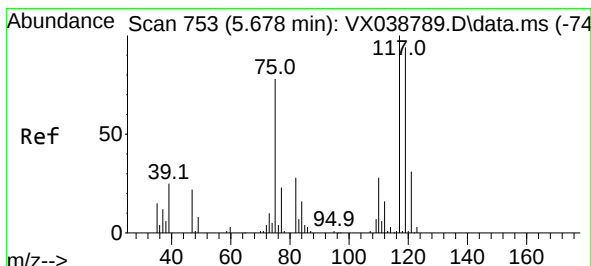
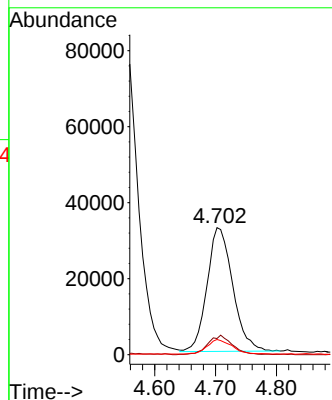
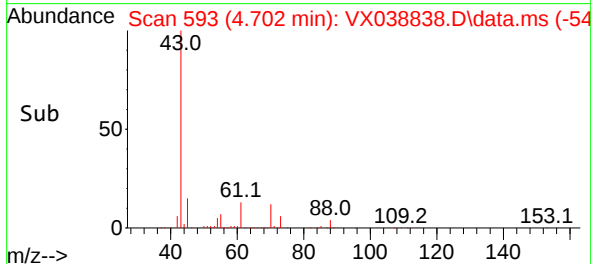
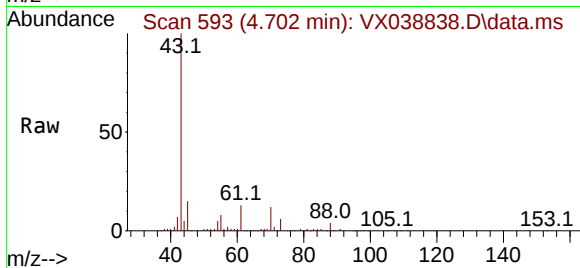
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	16.0
70	11.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 21.637 ug/l

RT: 5.666 min Scan# 751

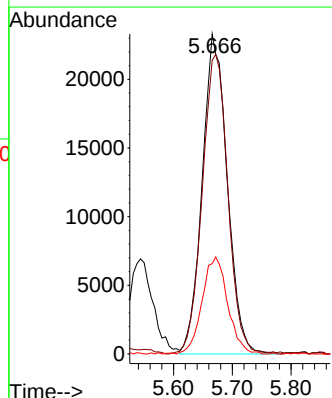
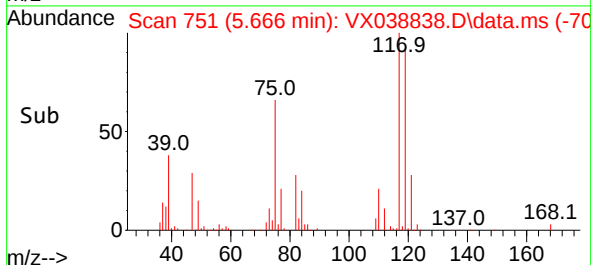
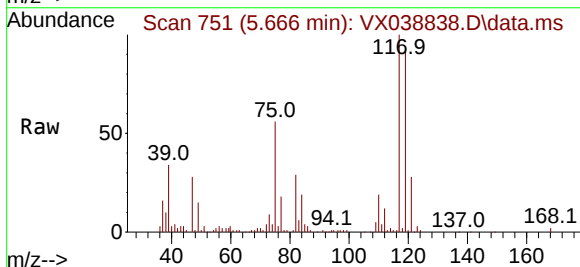
Delta R.T. -0.012 min

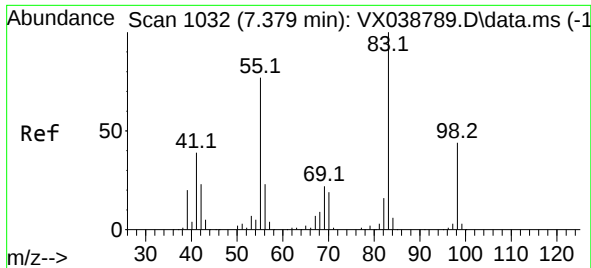
Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Tgt Ion:117 Resp: 68951

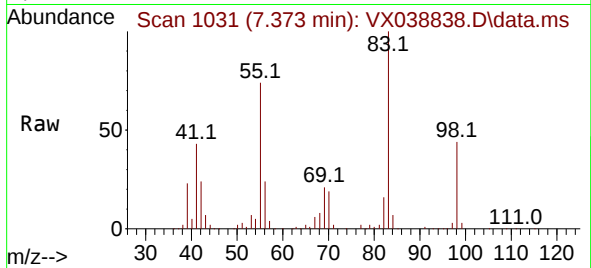
Ion	Ratio	Lower	Upper
117	100		
119	91.1	78.2	117.2
121	28.2	24.4	36.6





#39
Methylcyclohexane
Concen: 21.127 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

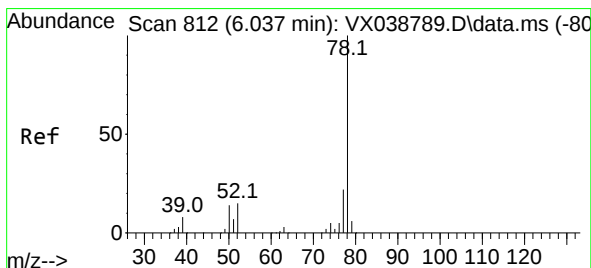
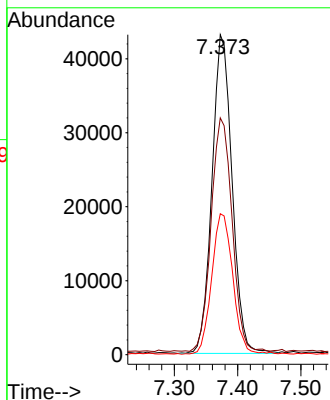
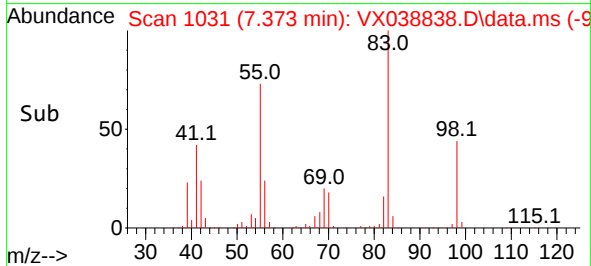
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 95018
Ion Ratio Lower Upper
83 100
55 73.1 64.6 97.0
98 43.9 36.7 55.1

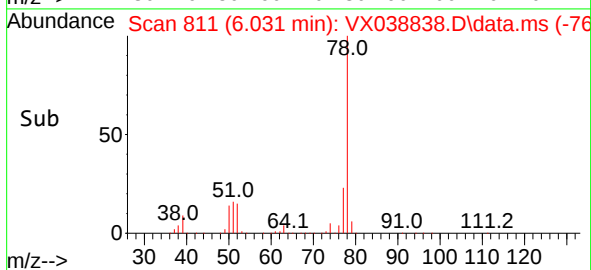
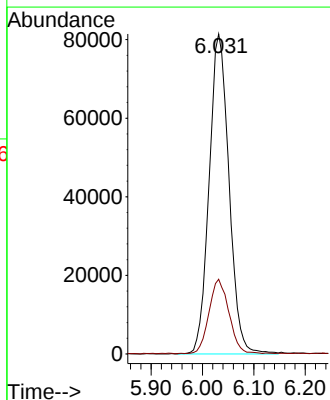
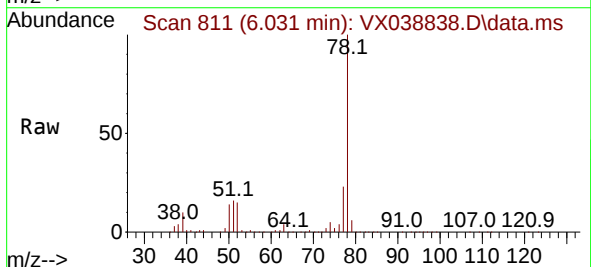
Manual Integrations
APPROVED

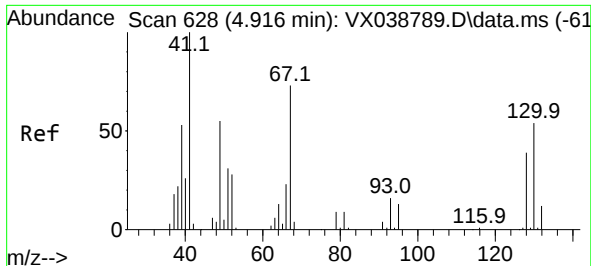
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#40
Benzene
Concen: 21.427 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 78 Resp: 218512
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





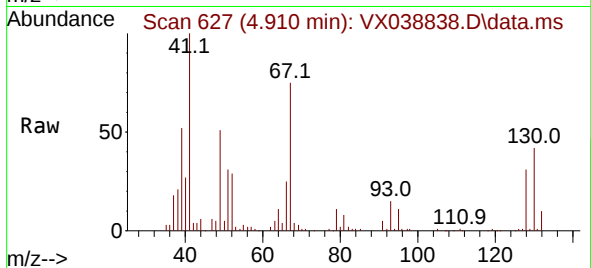
#41
Methacrylonitrile
Concen: 21.190 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



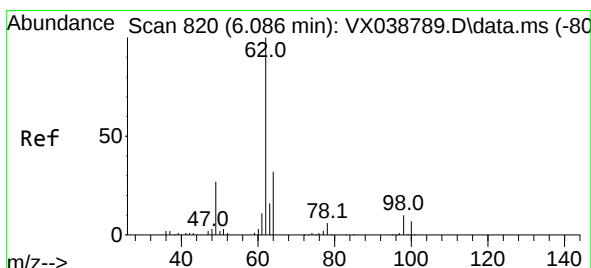
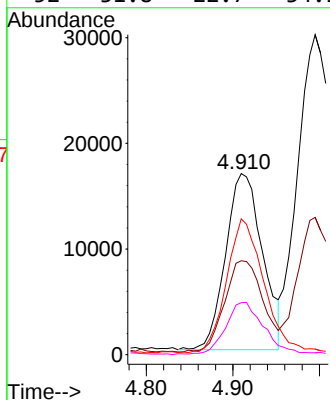
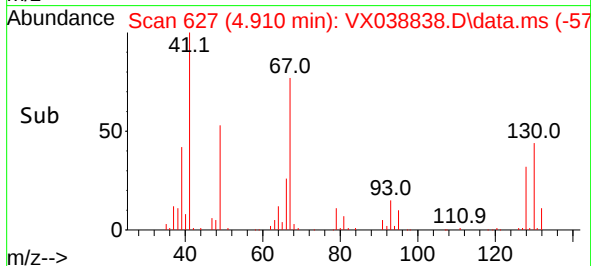
Tgt Ion: 41 Resp: 49370
Ion Ratio Lower Upper
41 100
39 53.6 45.2 67.8
67 76.4 52.6 78.8
52 31.8 22.7 34.1

Manual Integrations

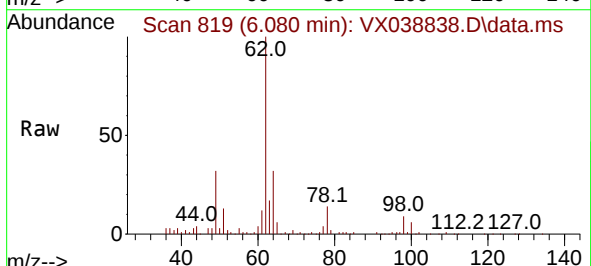
APPROVED

Reviewed By :John Carlone 11/17/2023

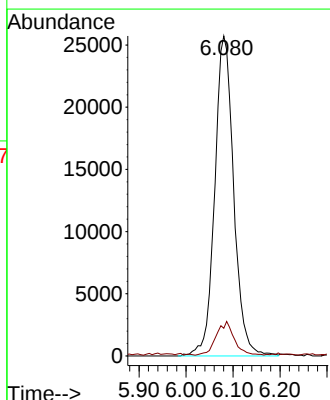
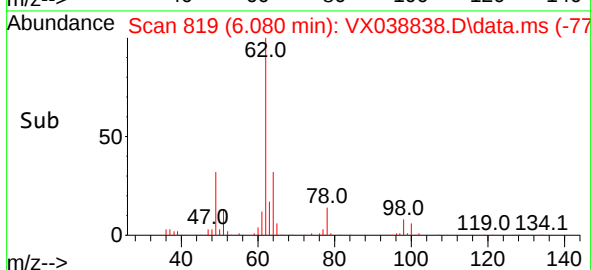
Supervised By :Mahesh Dadoda 11/17/2023

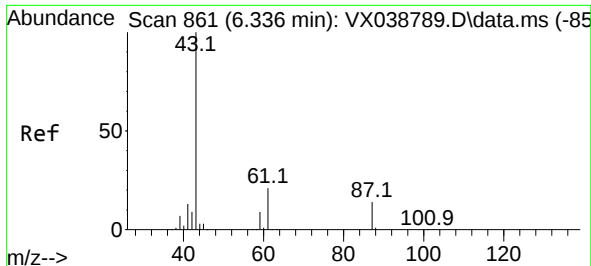


#42
1,2-Dichloroethane
Concen: 21.403 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37



Tgt Ion: 62 Resp: 72316
Ion Ratio Lower Upper
62 100
98 9.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.020 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 15090

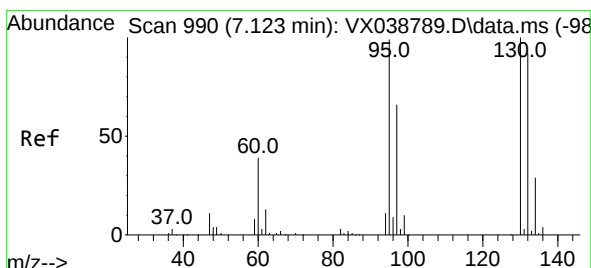
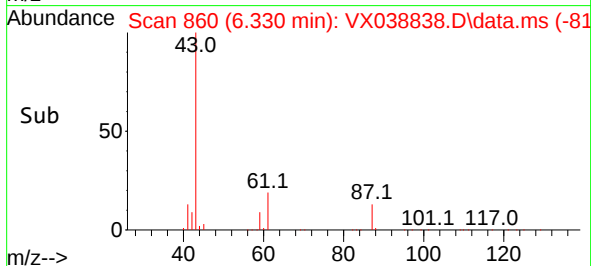
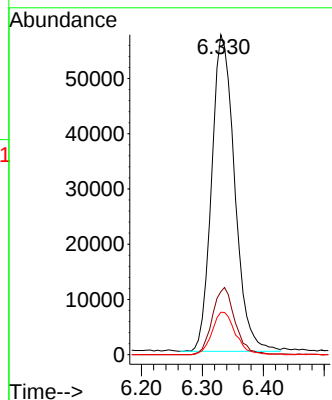
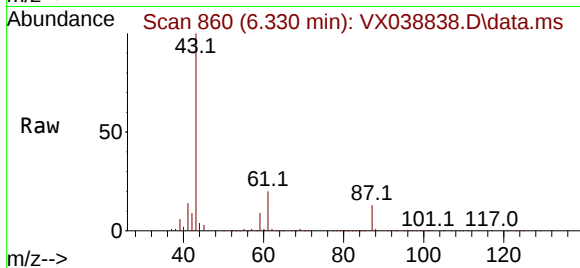
Ion	Ratio	Lower	Upper
43	100		
61	20.8	15.2	22.8
87	13.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 21.177 ug/l

RT: 7.123 min Scan# 990

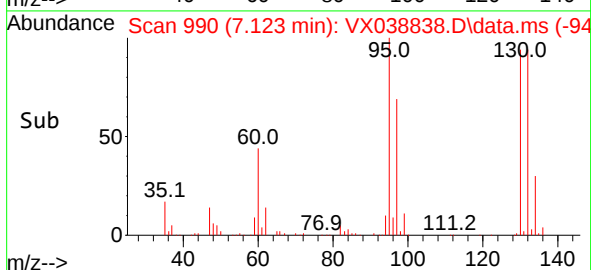
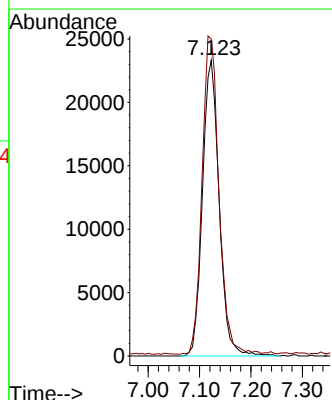
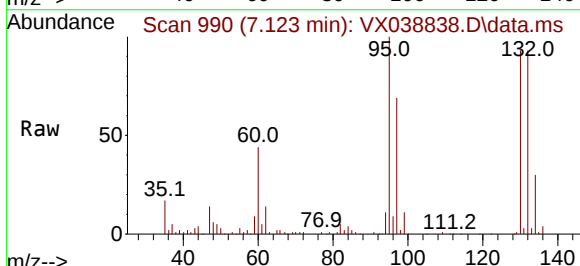
Delta R.T. 0.000 min

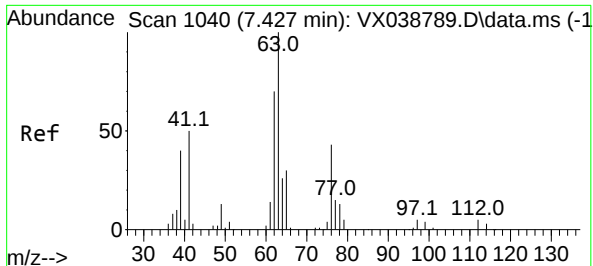
Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Tgt Ion:130 Resp: 52569

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	204.4





#45

1,2-Dichloropropane

Concen: 21.525 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5907

Ion Ratio Lower Upper

63 100

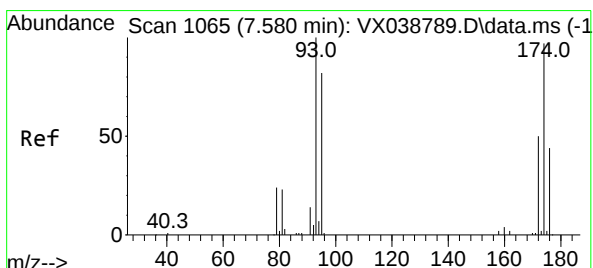
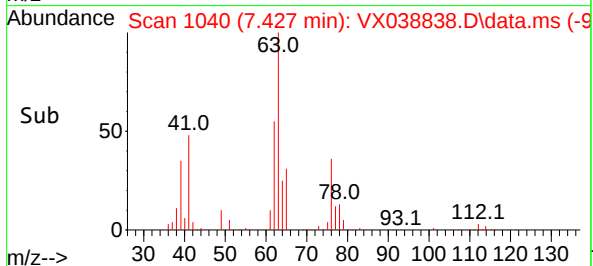
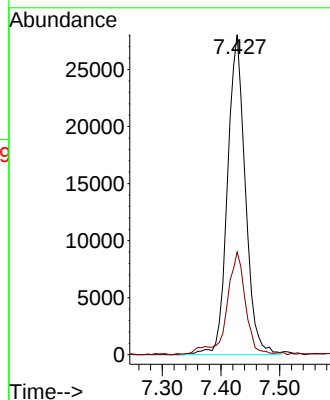
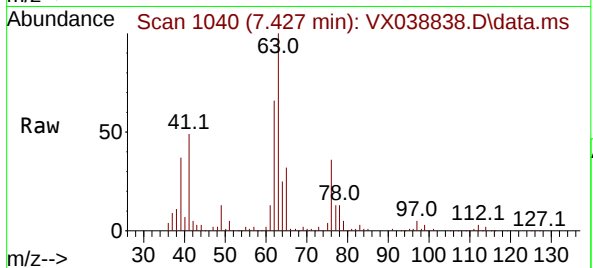
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 21.662 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

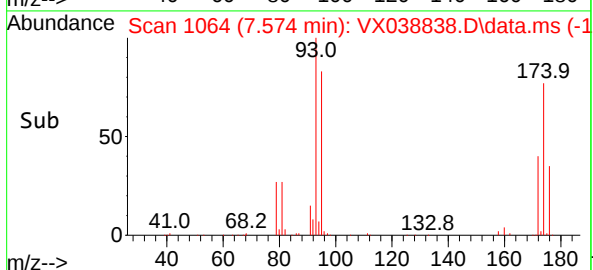
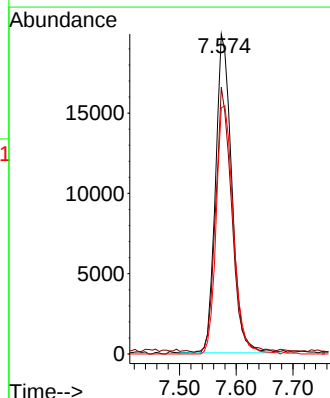
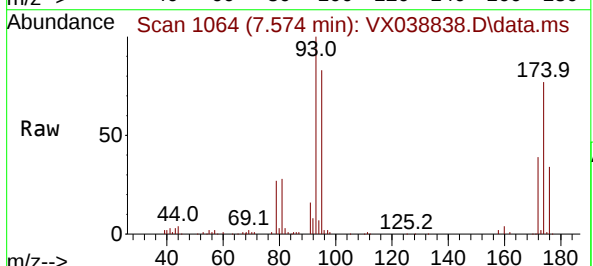
Tgt Ion: 93 Resp: 39645

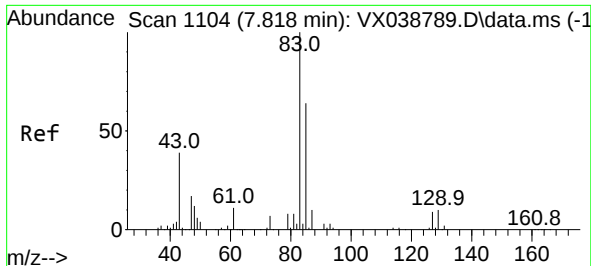
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 82.1 69.4 104.0





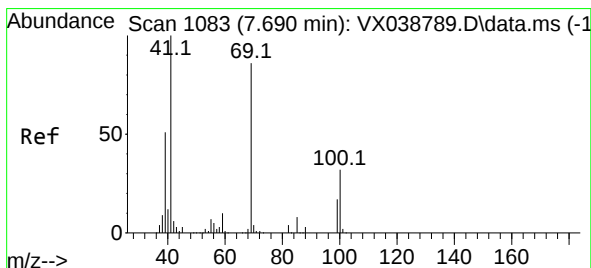
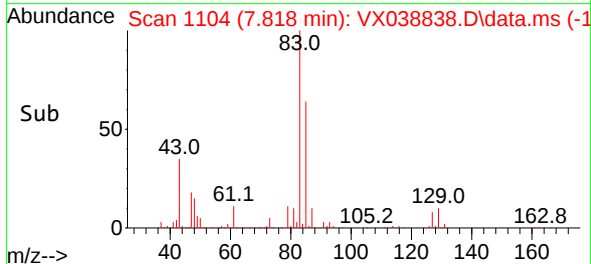
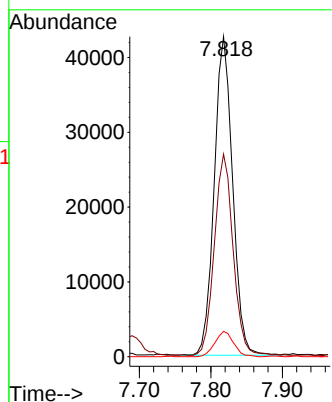
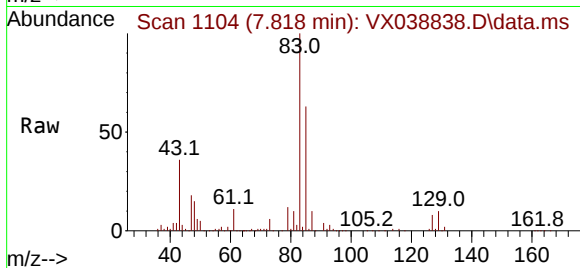
#47
Bromodichloromethane
Concen: 20.984 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 7622
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.0 7.1 10.7

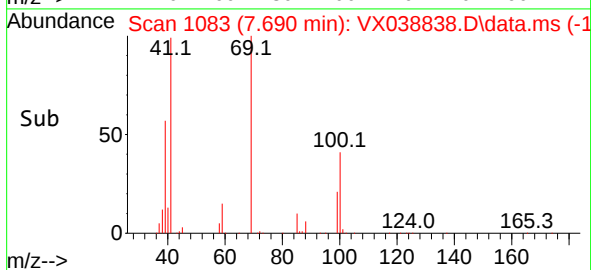
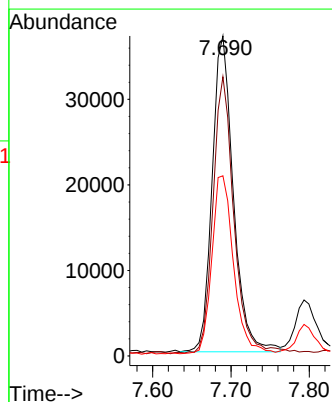
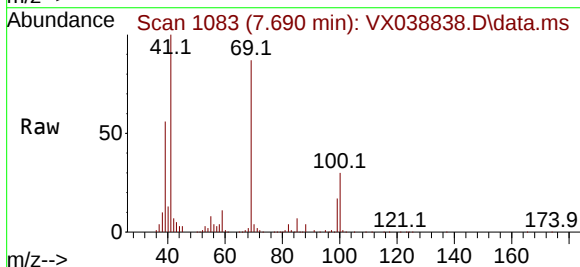
Manual Integrations
APPROVED

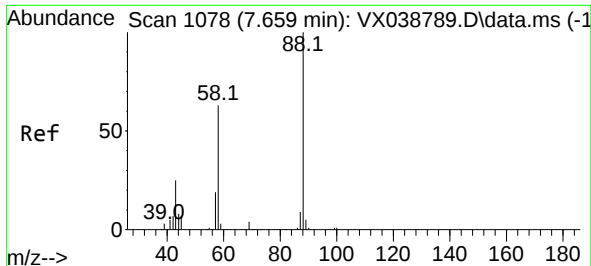
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 19.997 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 41 Resp: 69656
Ion Ratio Lower Upper
41 100
69 87.4 59.2 88.8
39 57.6 47.7 71.5





#49

1,4-Dioxane

Concen: 423.989 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 28572

Ion Ratio Lower Upper

88 100

43 34.1 0.0 0.0

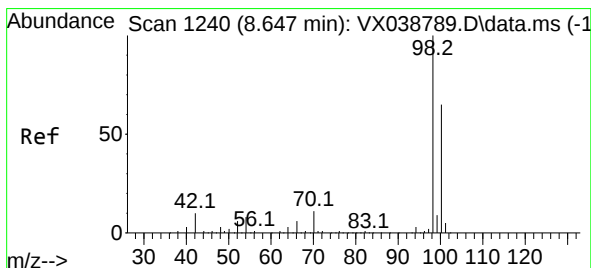
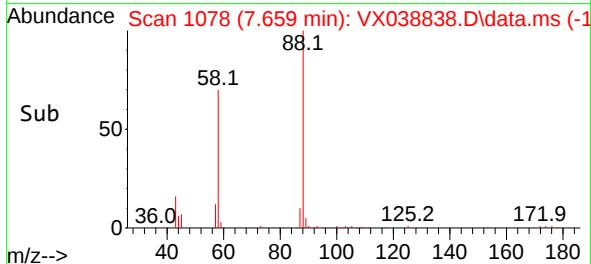
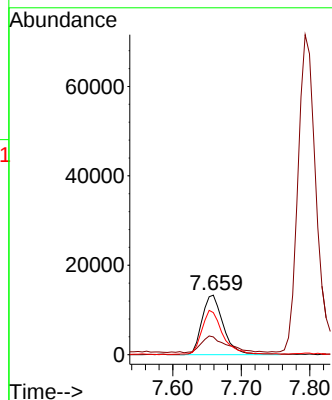
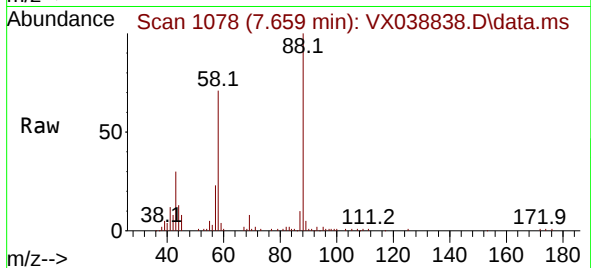
58 74.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 21.185 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038838.D

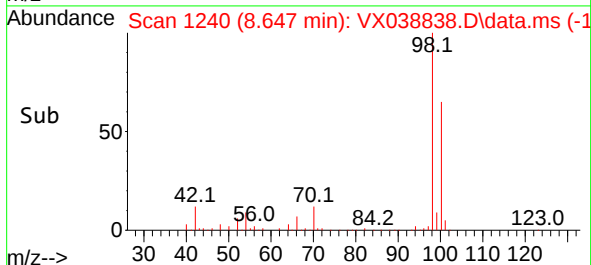
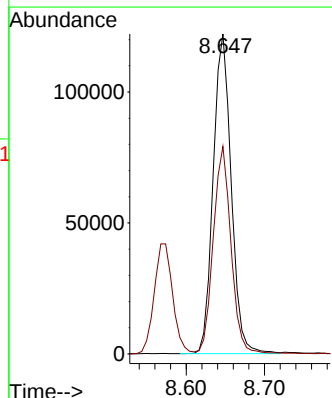
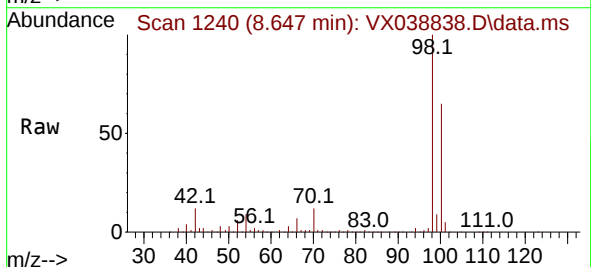
Acq: 16 Nov 2023 14:37

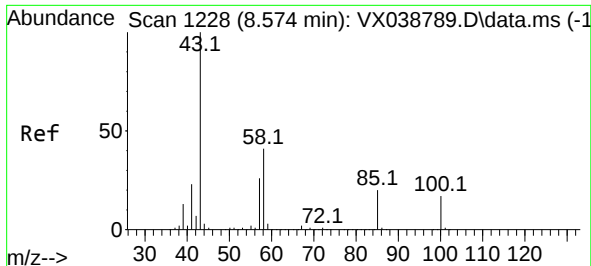
Tgt Ion: 98 Resp: 194994

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





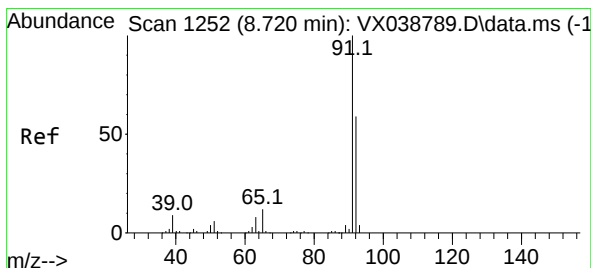
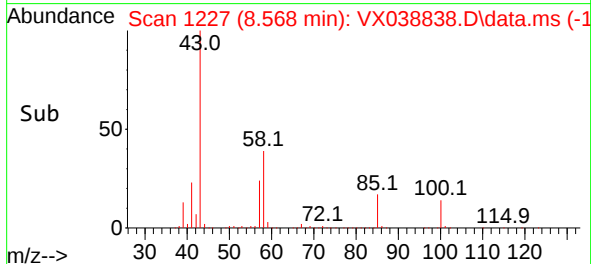
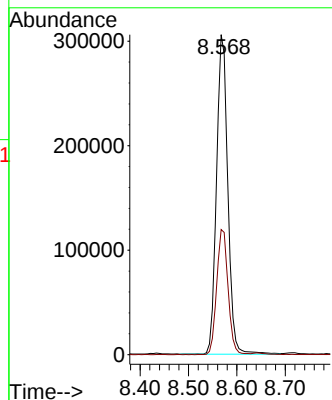
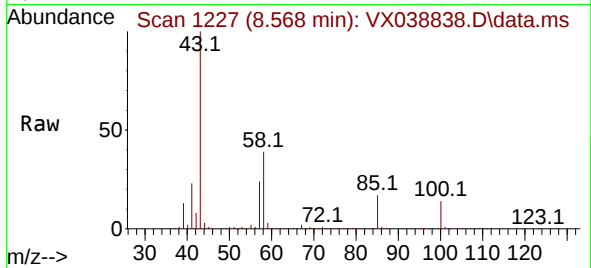
#51
4-Methyl-2-Pentanone
Concen: 107.781 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 494490
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

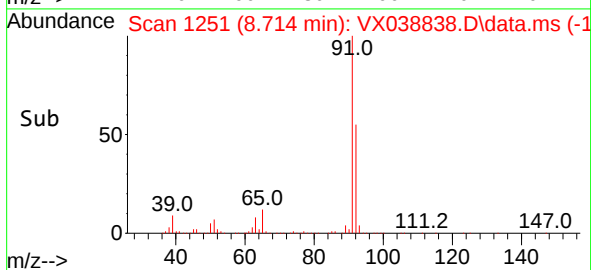
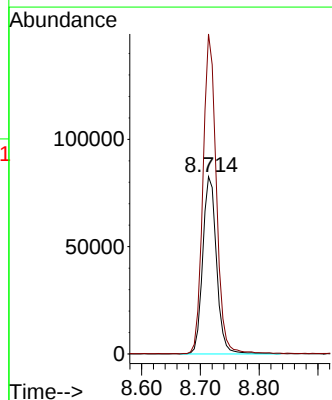
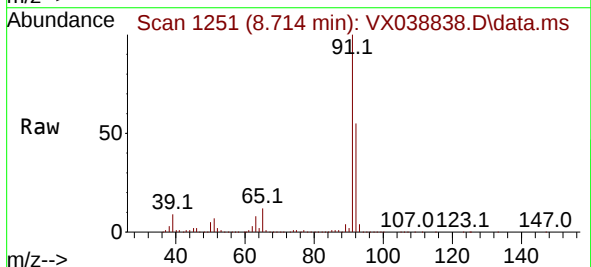
Manual Integrations
APPROVED

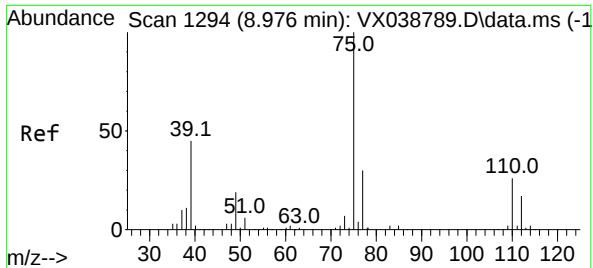
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 21.322 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

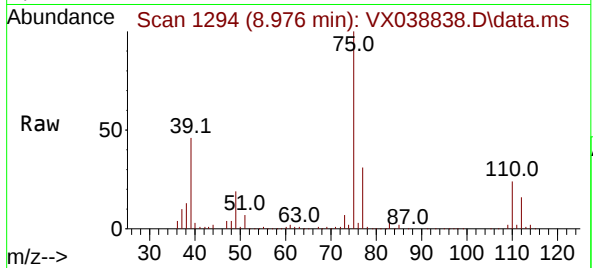
Tgt Ion: 92 Resp: 134938
Ion Ratio Lower Upper
92 100
91 174.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 21.238 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

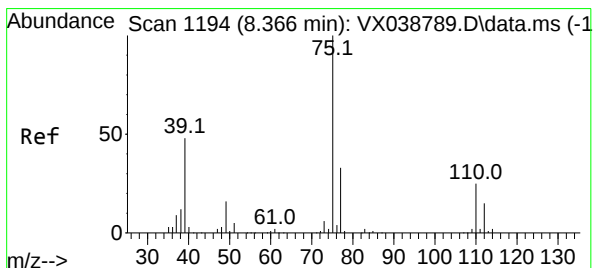
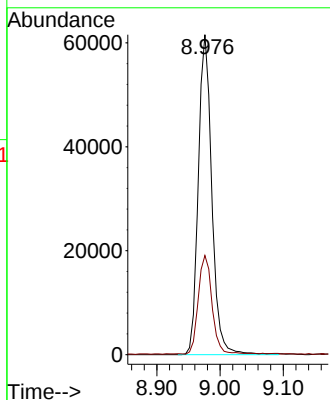
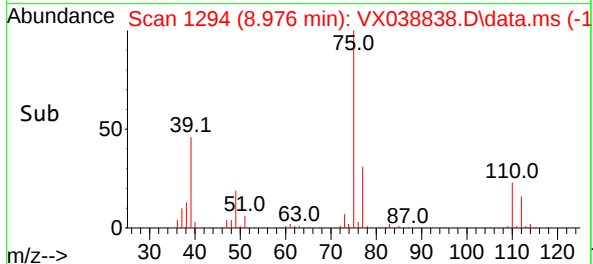
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 91679
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

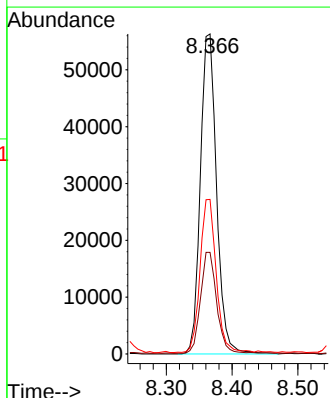
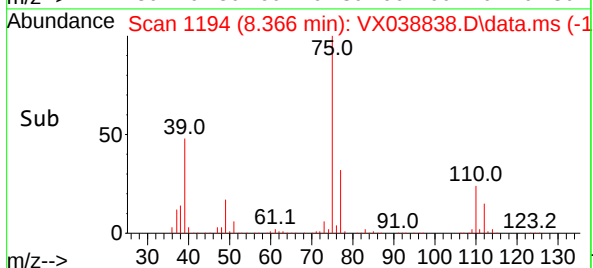
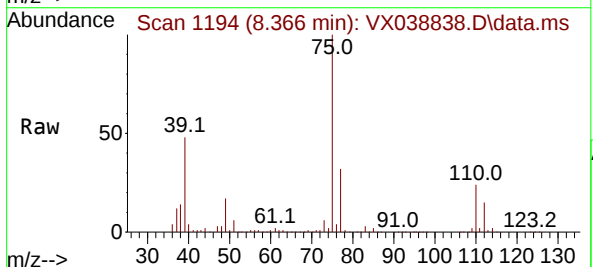
Manual Integrations
APPROVED

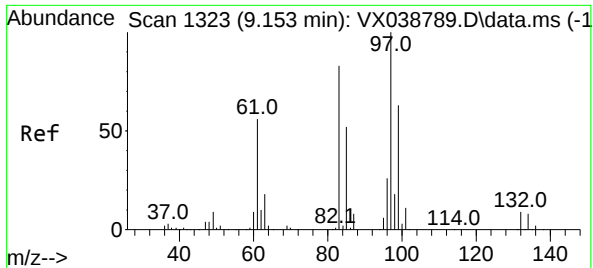
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 21.658 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 75 Resp: 96571
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 47.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.974 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

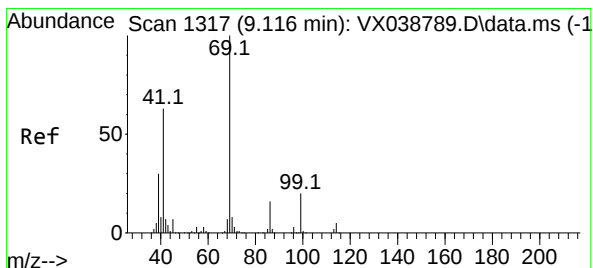
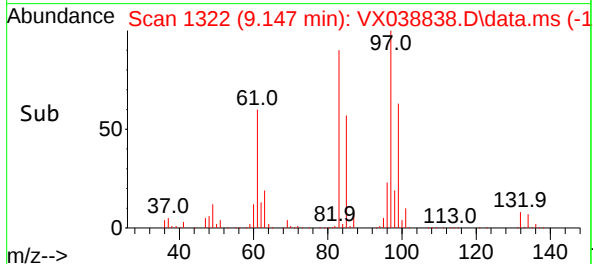
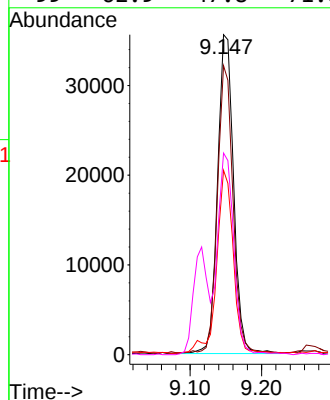
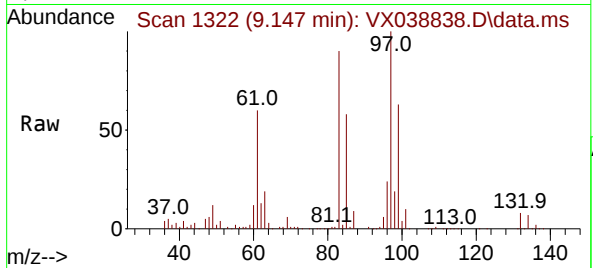
Tgt Ion: 97	Resp: 5538
Ion Ratio	Lower Upper
97 100	
83 90.0	65.8 98.8
85 57.2	41.6 62.4
99 62.9	47.8 71.8

Manual Integrations

APPROVED

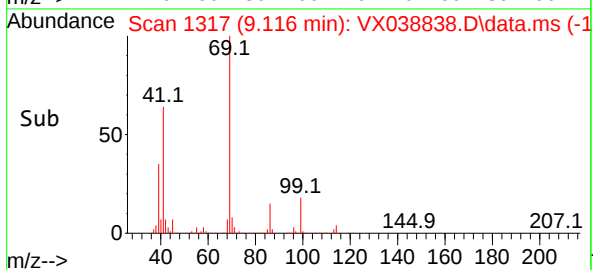
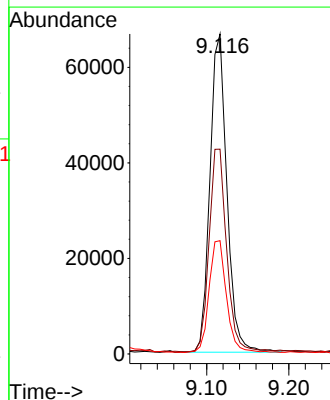
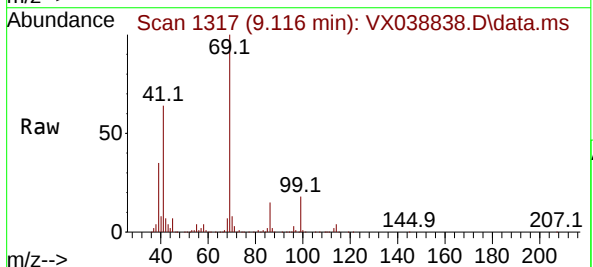
Reviewed By :John Carlone 11/17/2023

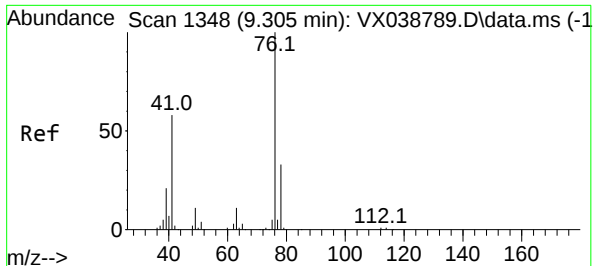
Supervised By :Mahesh Dadoda 11/17/2023



#56
Ethyl methacrylate
Concen: 21.407 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 69	Resp: 95640
Ion Ratio	Lower Upper
69 100	
41 66.0	56.8 85.2
39 36.2	32.0 48.0





#57

1,3-Dichloropropane

Concen: 21.643 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 94510

Ion Ratio Lower Upper

76 100

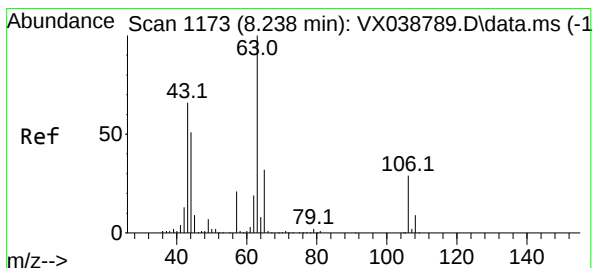
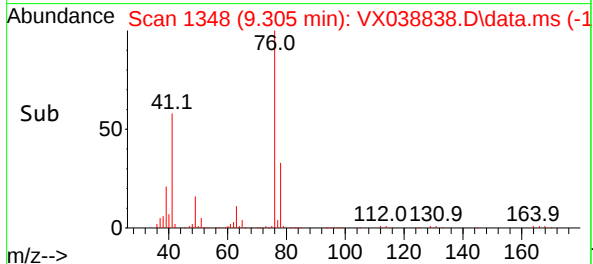
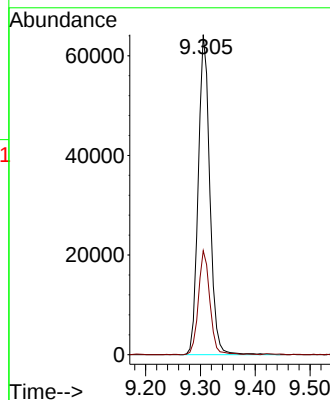
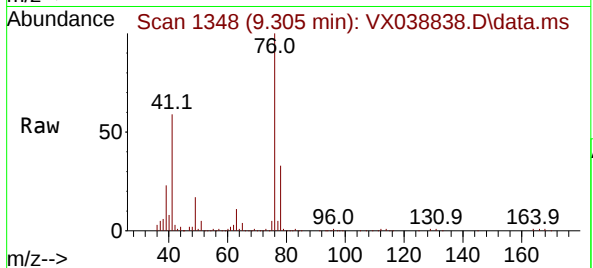
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.202 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038838.D

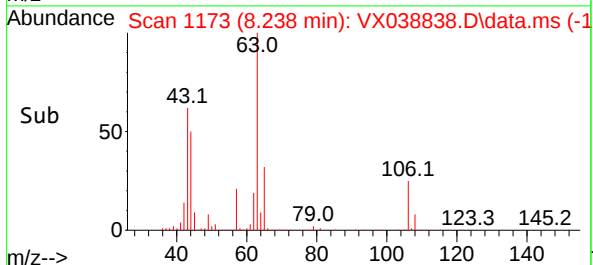
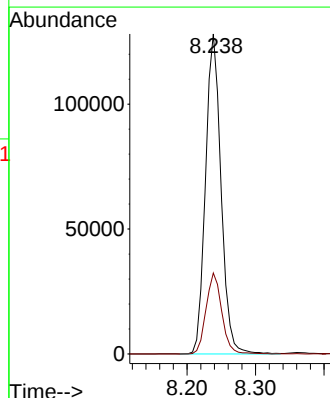
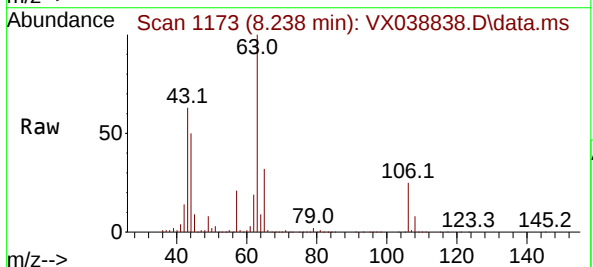
Acq: 16 Nov 2023 14:37

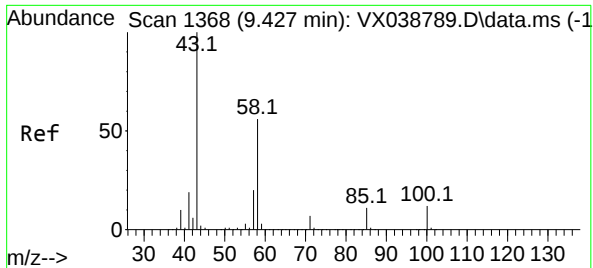
Tgt Ion: 63 Resp: 202305

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7





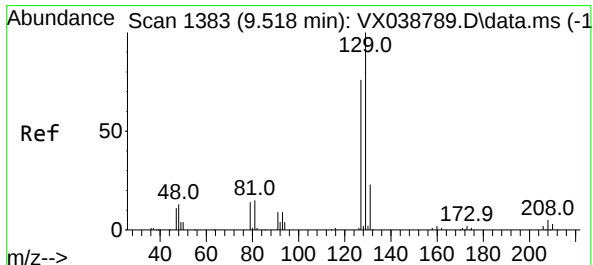
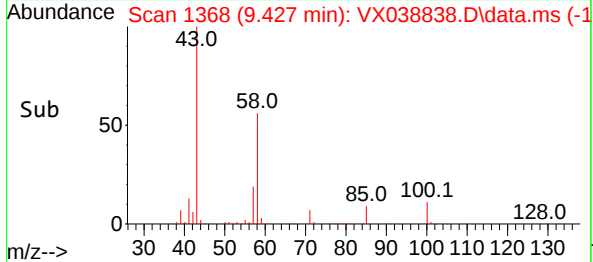
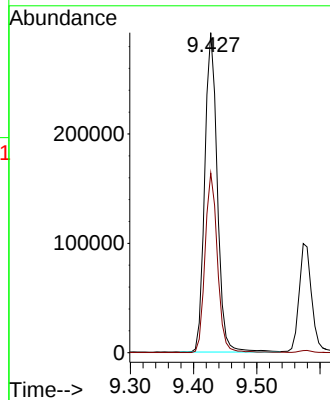
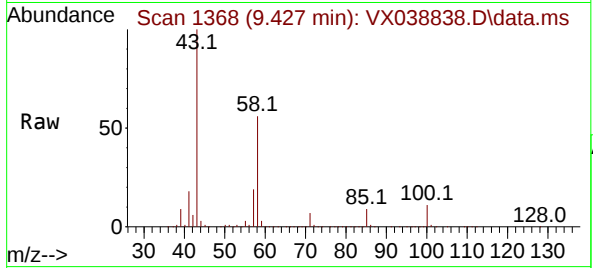
#59
2-Hexanone
Concen: 109.951 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 404320
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

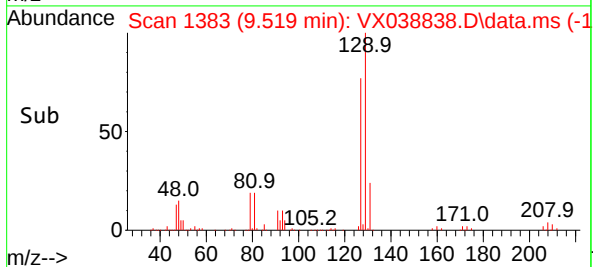
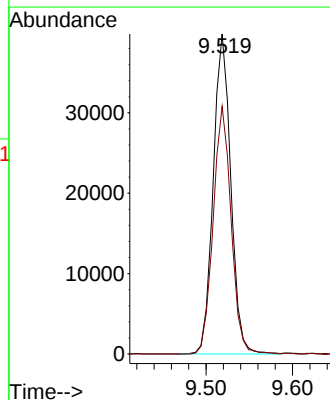
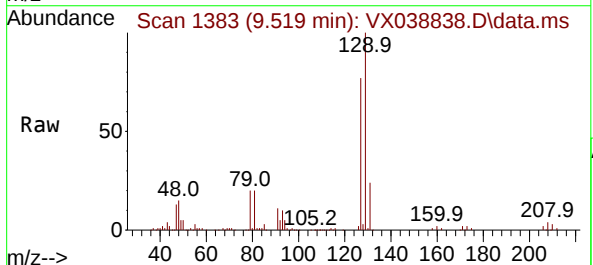
Manual Integrations
APPROVED

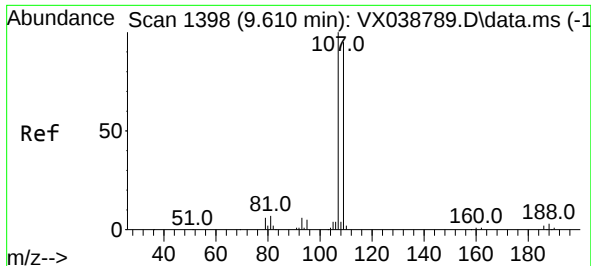
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 20.885 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

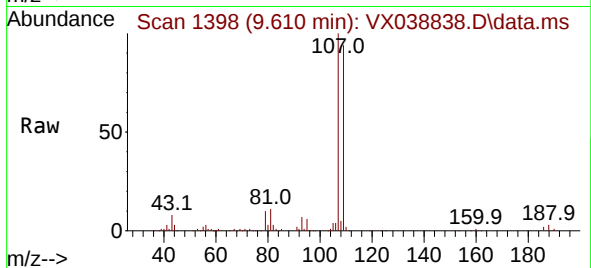
Tgt Ion:129 Resp: 56074
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.050 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

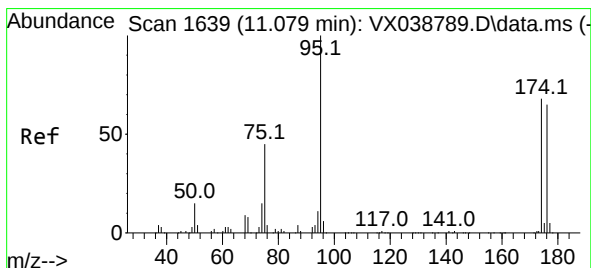
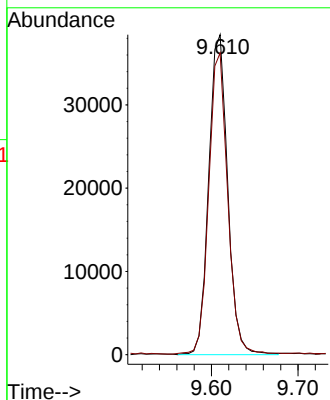
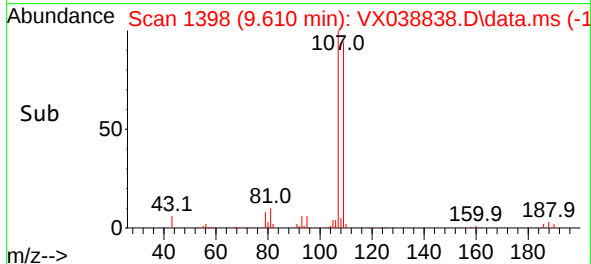
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



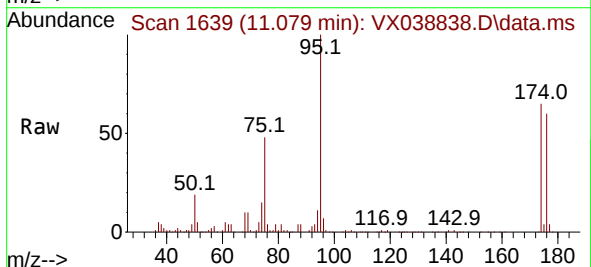
Tgt Ion:107 Resp: 58320
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

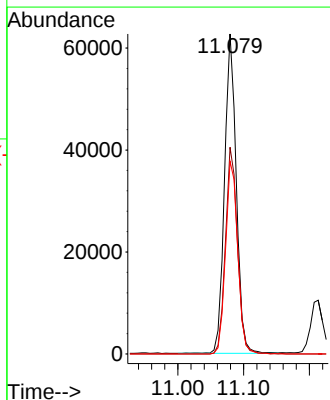
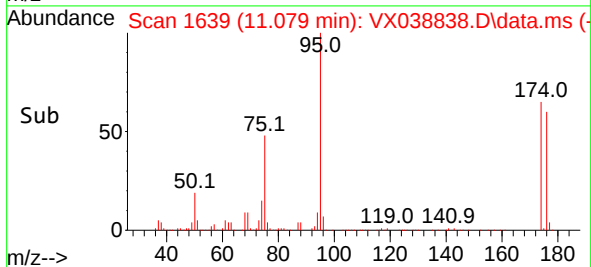
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

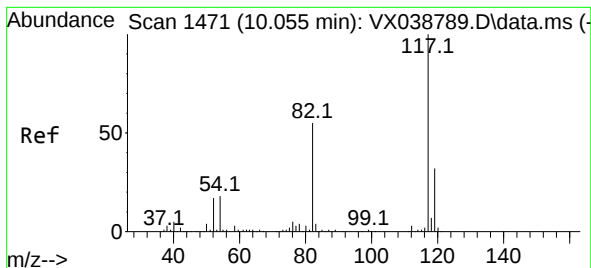


#62
4-Bromofluorobenzene
Concen: 21.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37



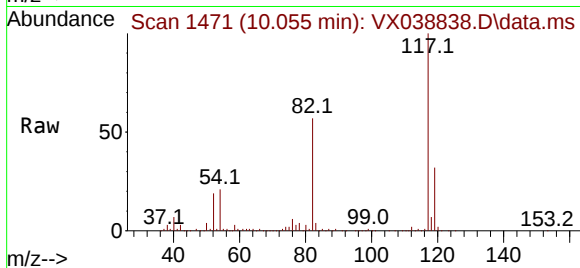
Tgt Ion: 95 Resp: 77982
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 62.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

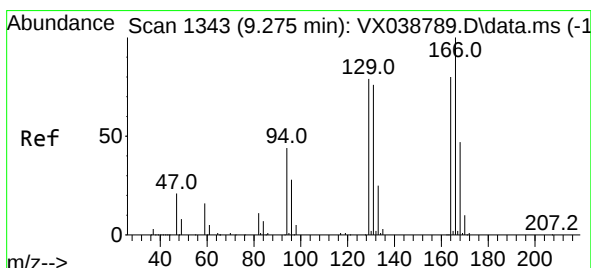
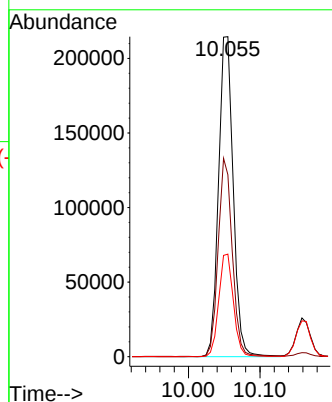
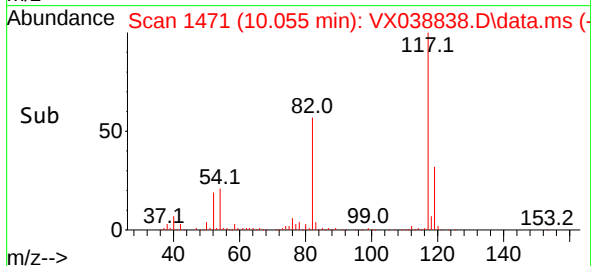
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 305649
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.0 25.5 38.3

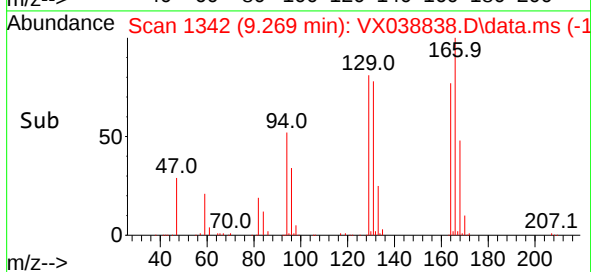
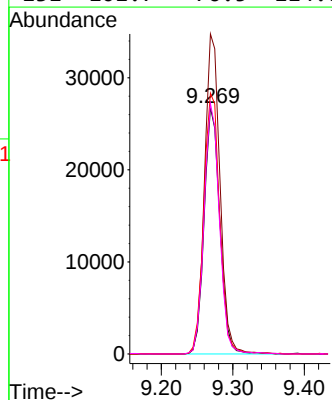
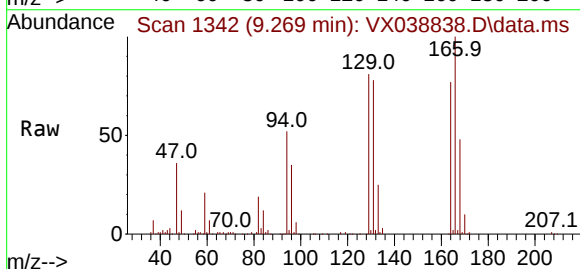
Manual Integrations
APPROVED

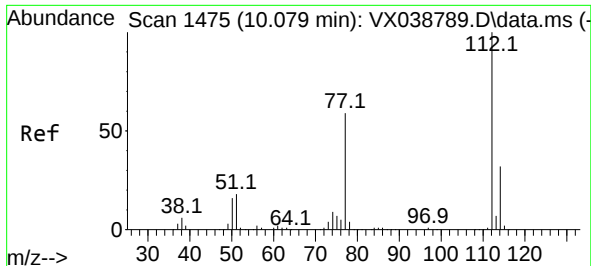
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 21.366 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

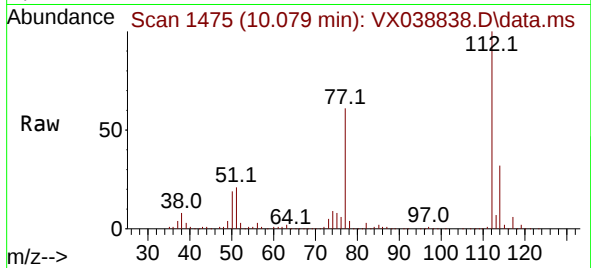
Tgt Ion:164 Resp: 40592
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 105.9 80.4 120.6
131 101.7 76.5 114.7





#65
Chlorobenzene
Concen: 21.218 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

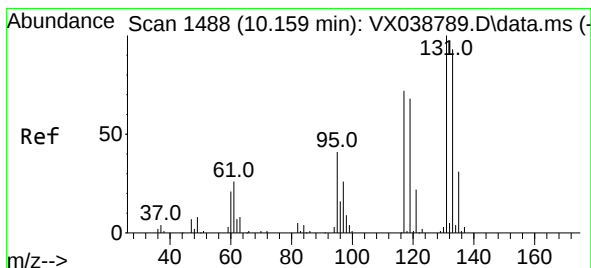
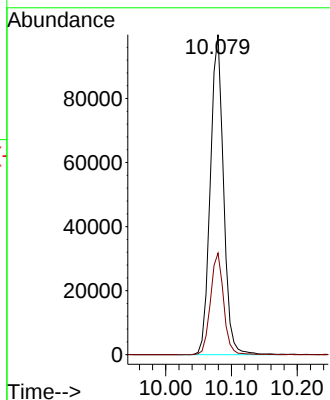
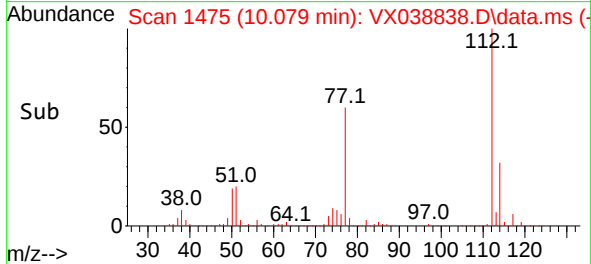
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 139698
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

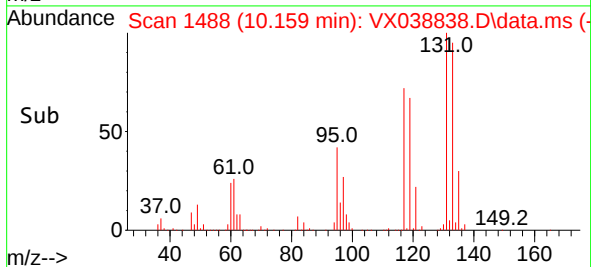
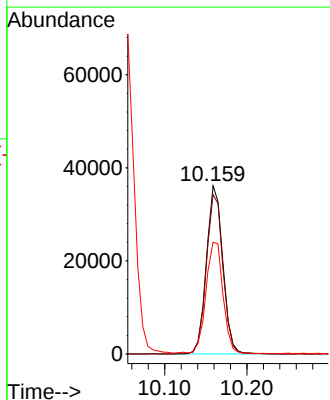
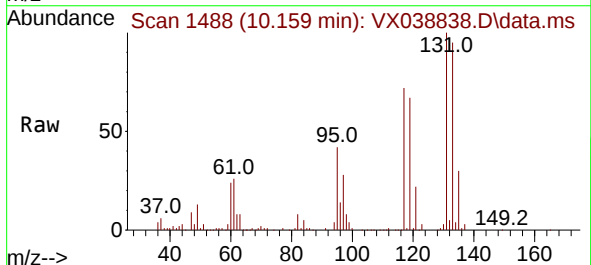
Manual Integrations
APPROVED

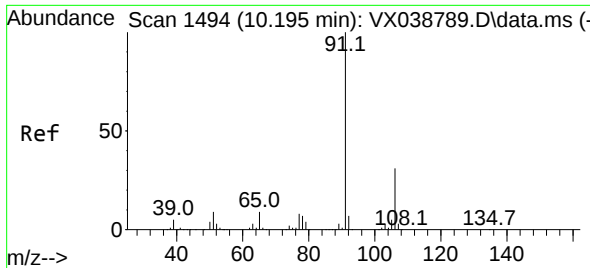
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.169 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

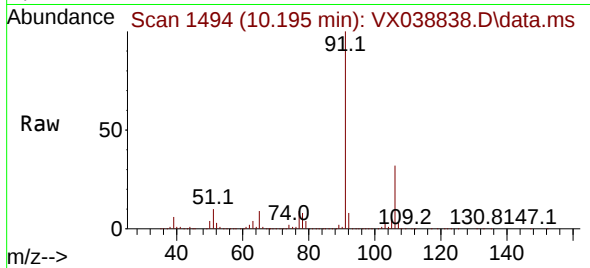
Tgt Ion:131 Resp: 50137
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 69.1 32.2 96.6





#67
Ethyl Benzene
Concen: 21.749 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

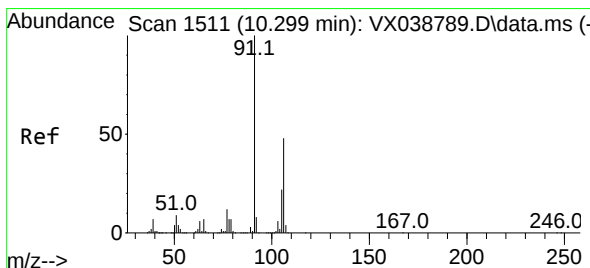
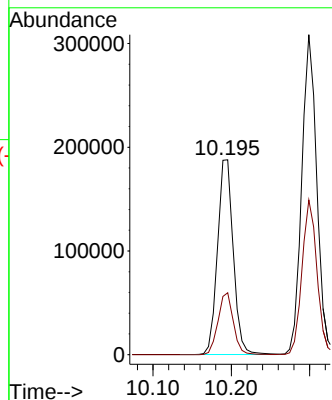
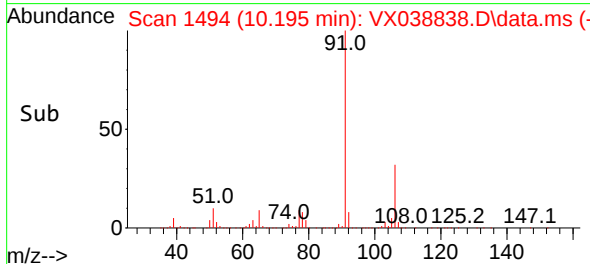
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



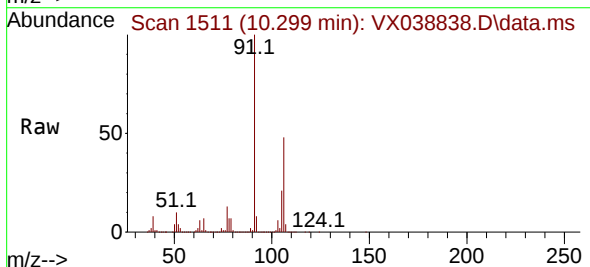
Tgt Ion: 91 Resp: 26308
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

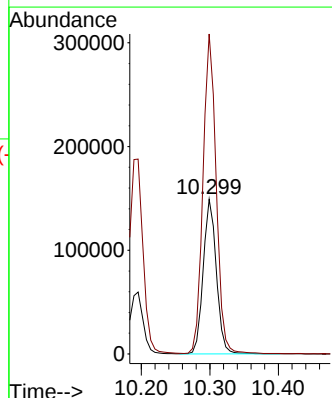
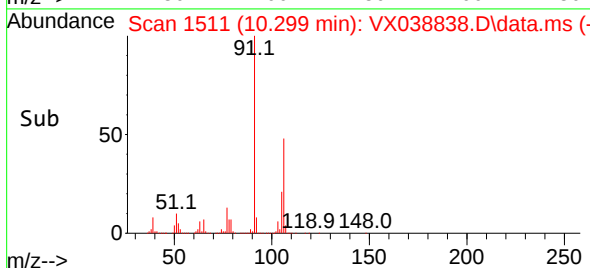
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

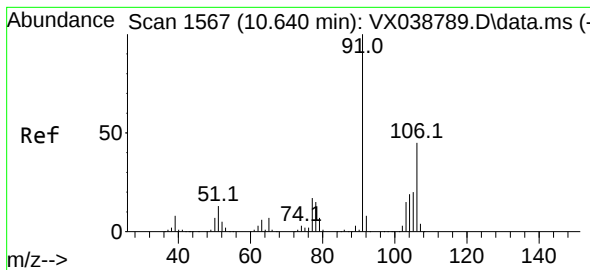


#68
m/p-Xylenes
Concen: 43.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37



Tgt Ion:106 Resp: 199756
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3





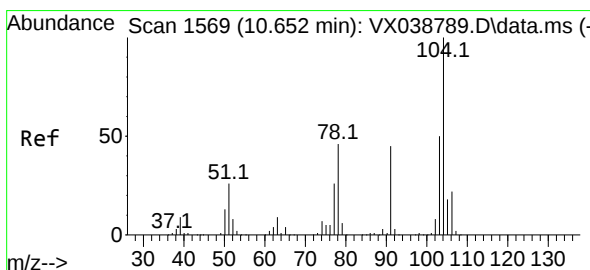
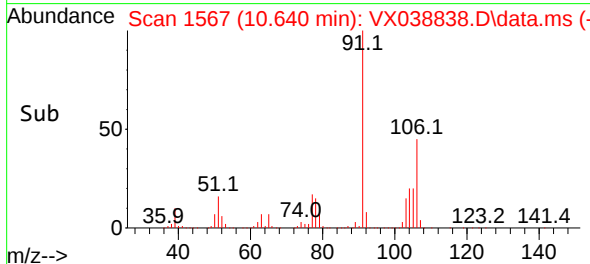
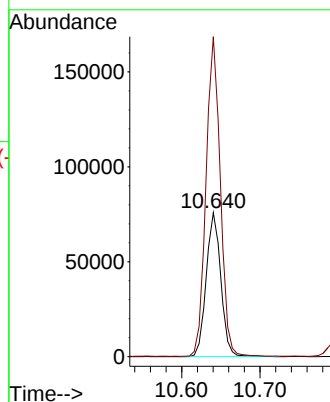
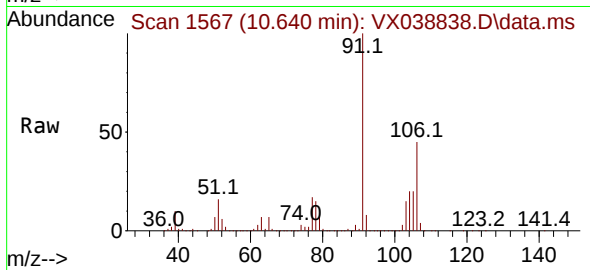
#69
o-Xylene
Concen: 21.607 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 97830
Ion Ratio Lower Upper
106 100
91 217.8 108.9 326.8

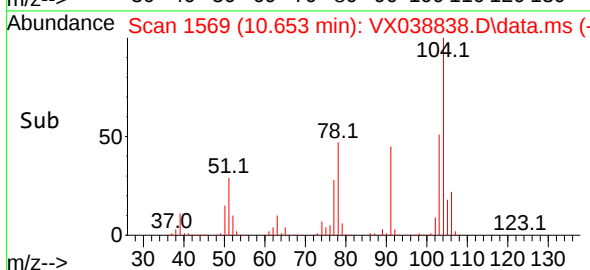
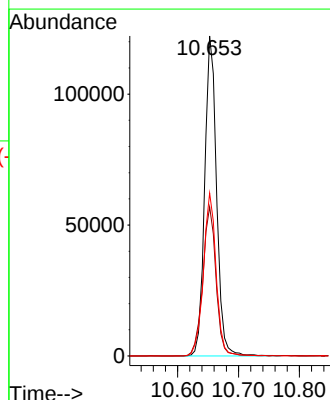
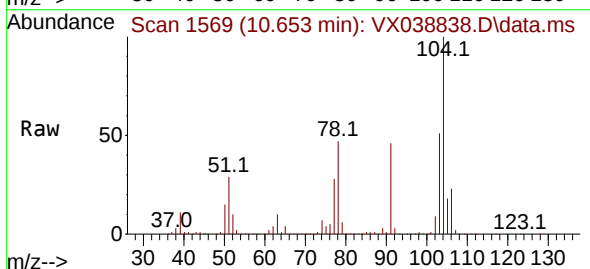
Manual Integrations
APPROVED

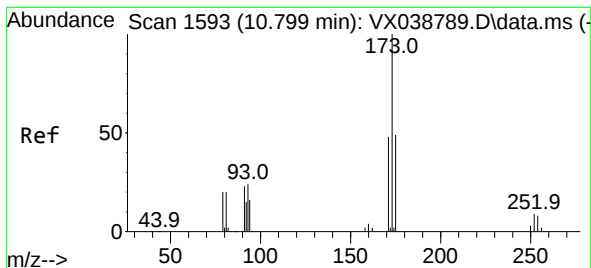
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 21.740 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion:104 Resp: 166238
Ion Ratio Lower Upper
104 100
78 51.8 43.6 65.4
103 54.5 43.6 65.4





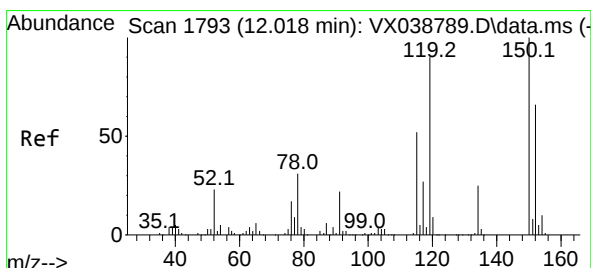
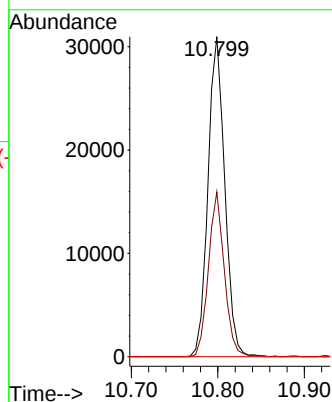
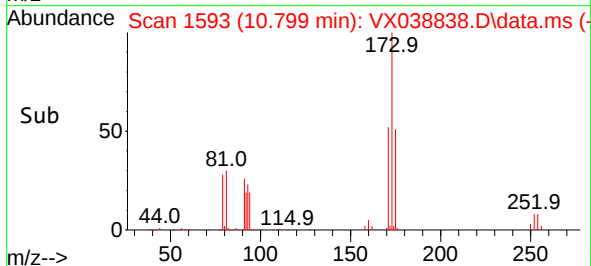
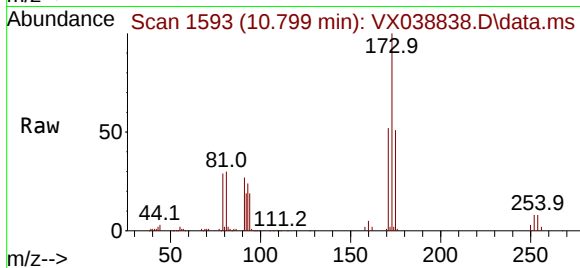
#71
Bromoform
Concen: 21.102 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 41664
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

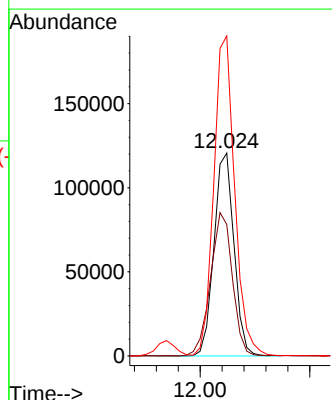
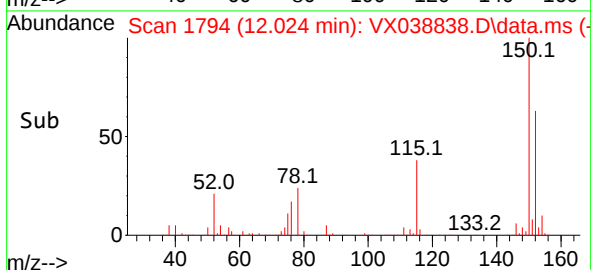
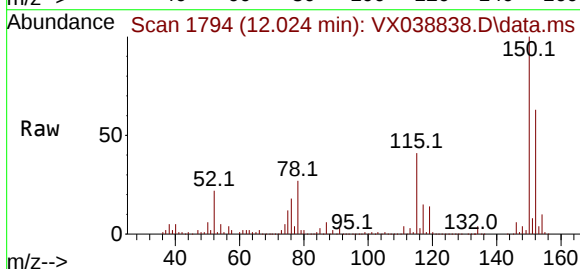
Manual Integrations
APPROVED

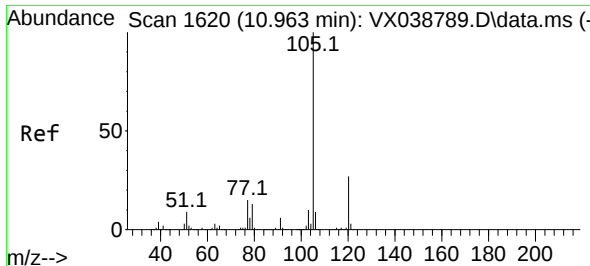
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion:152 Resp: 152879
Ion Ratio Lower Upper
152 100
115 77.4 43.3 129.9
150 164.7 0.0 345.0





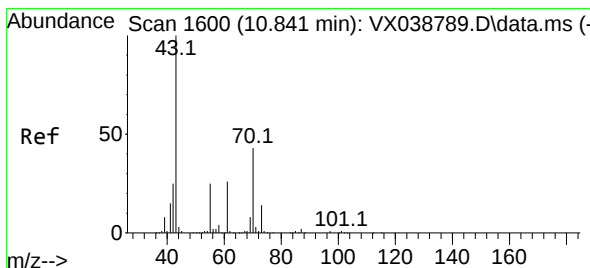
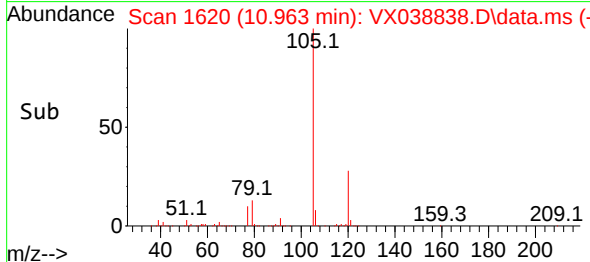
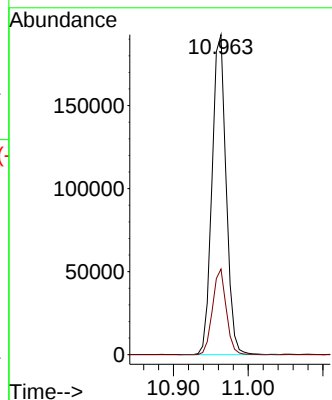
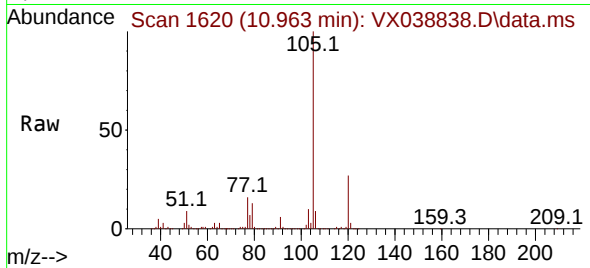
#73
Isopropylbenzene
Concen: 21.182 ug/l
RT: 10.963 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 252304
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

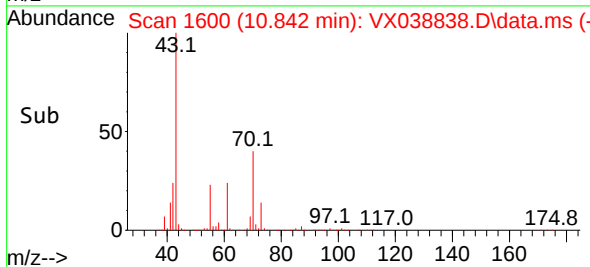
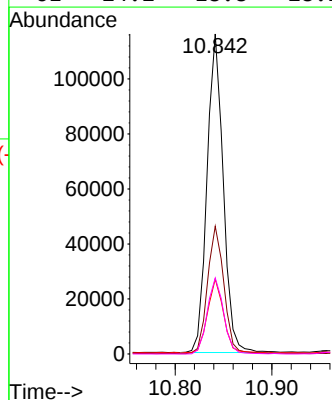
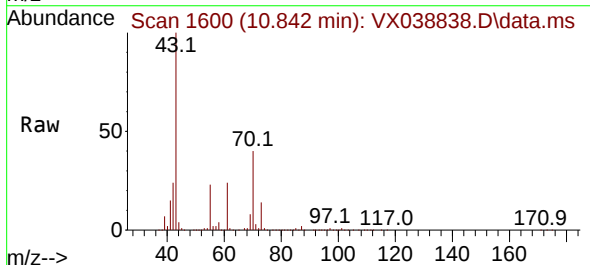
Manual Integrations
APPROVED

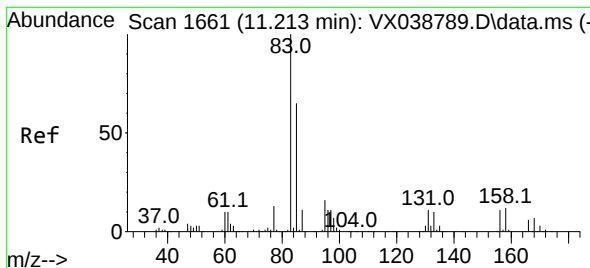
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 21.469 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 43 Resp: 135183
Ion Ratio Lower Upper
43 100
70 40.5 32.9 49.3
55 23.0 19.3 28.9
61 24.2 18.8 28.2





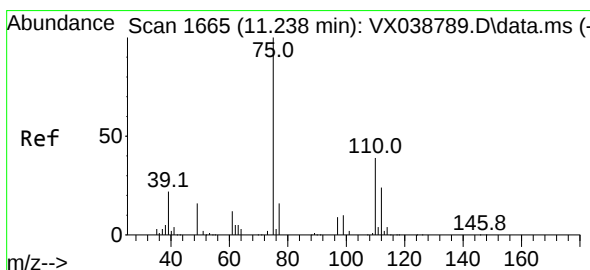
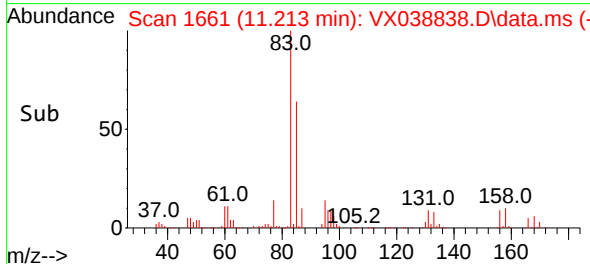
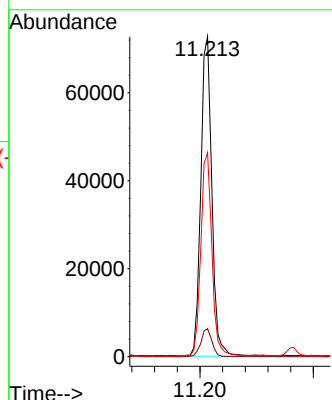
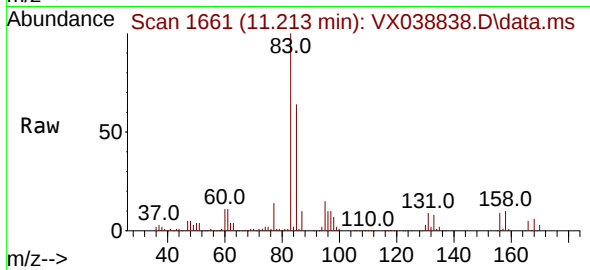
#75
1,1,2,2-Tetrachloroethane
Concen: 21.086 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 98044
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.8
85 63.8 32.0 96.2

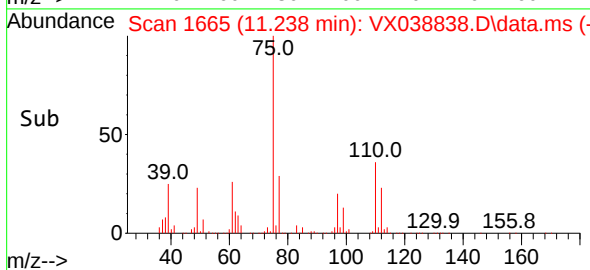
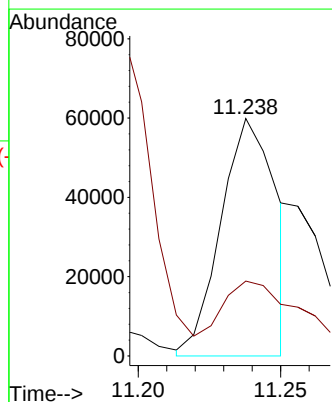
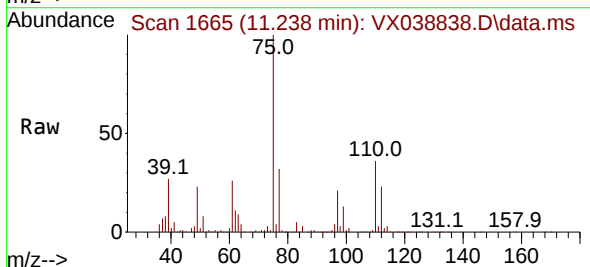
Manual Integrations
APPROVED

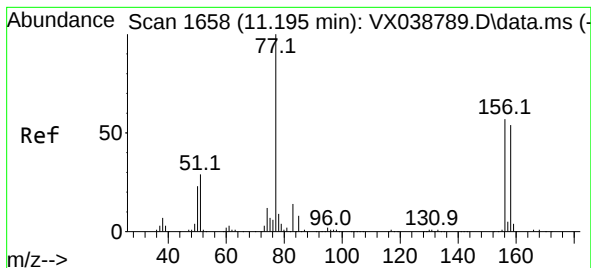
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#76
1,2,3-Trichloropropane
Concen: 21.712 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 75 Resp: 80662
Ion Ratio Lower Upper
75 100
77 46.1 19.1 57.5





#77

Bromobenzene

Concen: 20.989 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

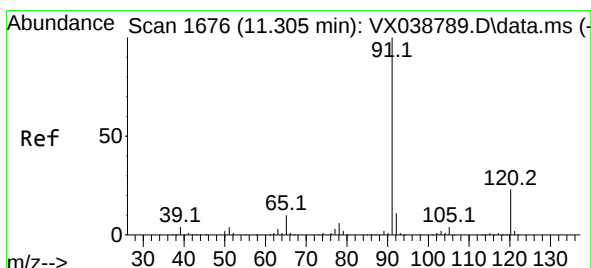
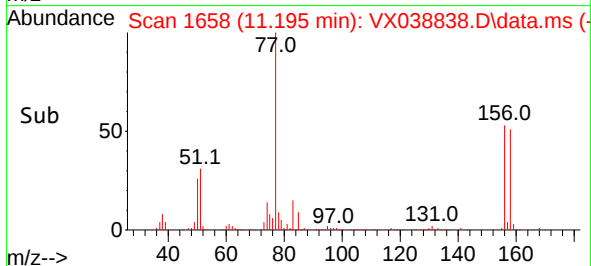
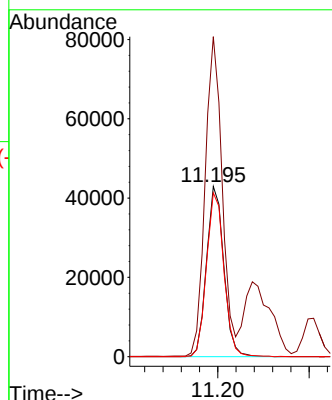
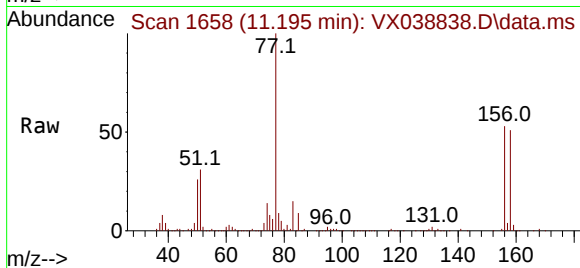
Tgt Ion:	156	Resp:	56170
Ion Ratio	Lower	Upper	
156	100		
77	184.9	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#78

n-propylbenzene

Concen: 21.519 ug/l

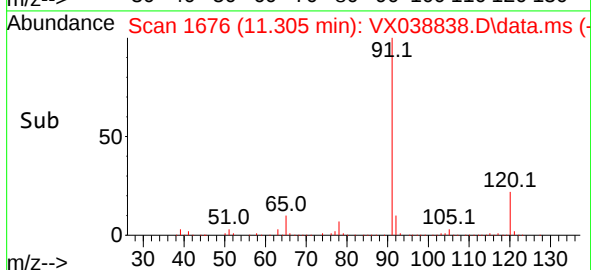
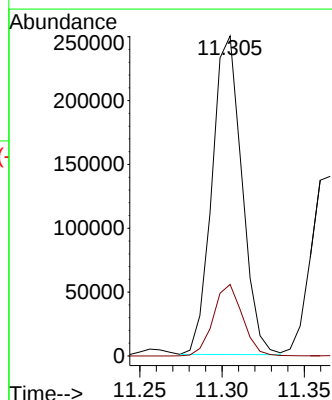
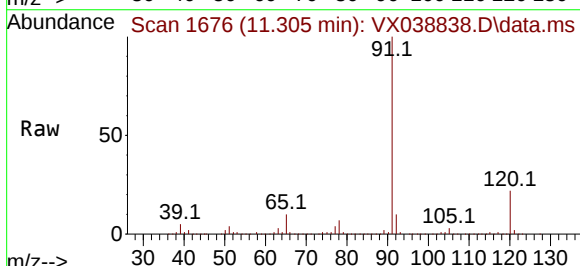
RT: 11.305 min Scan# 1676

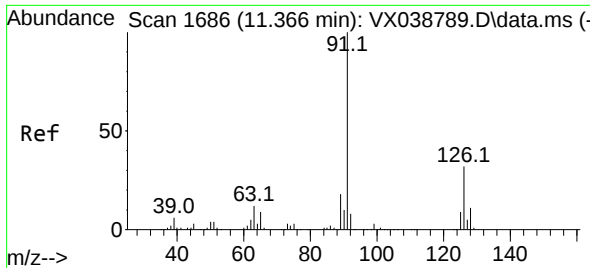
Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

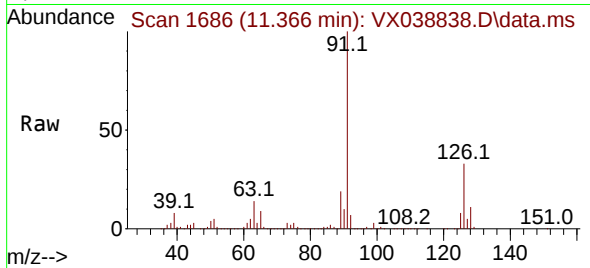
Tgt Ion:	91	Resp:	315500
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 21.091 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

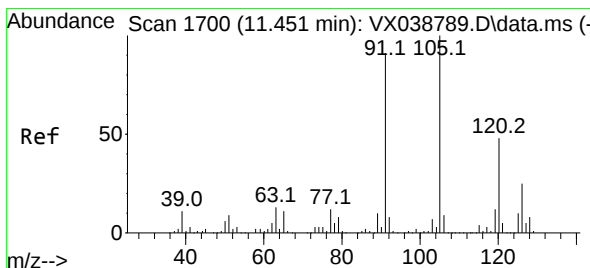
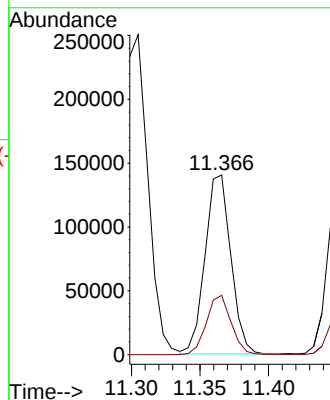
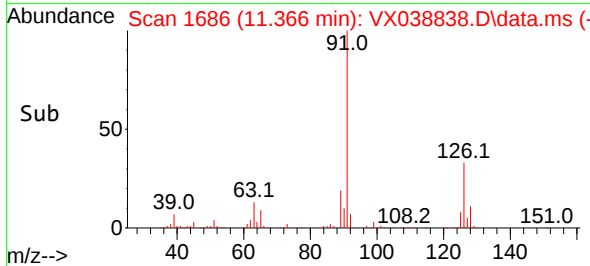
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



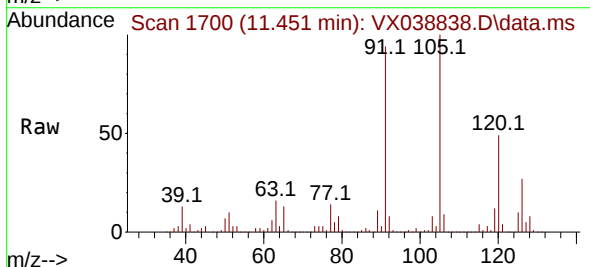
Tgt Ion: 91 Resp: 183514
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

Manual Integrations
APPROVED

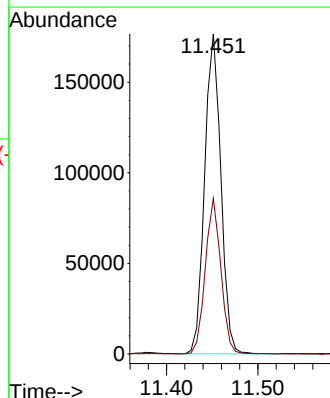
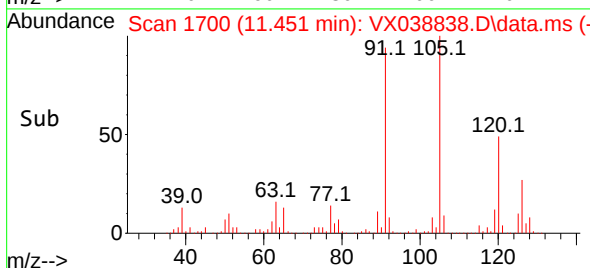
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

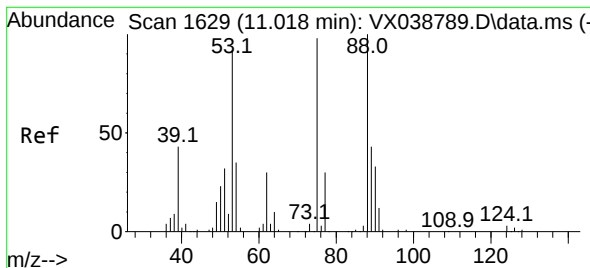


#80
1,3,5-Trimethylbenzene
Concen: 21.636 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37



Tgt Ion:105 Resp: 216697
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





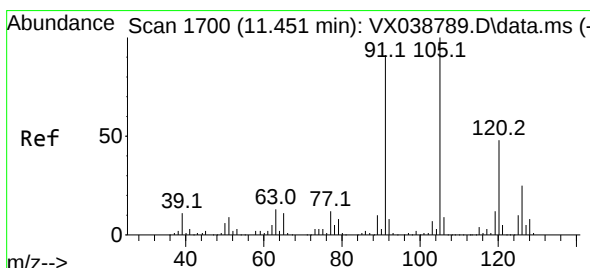
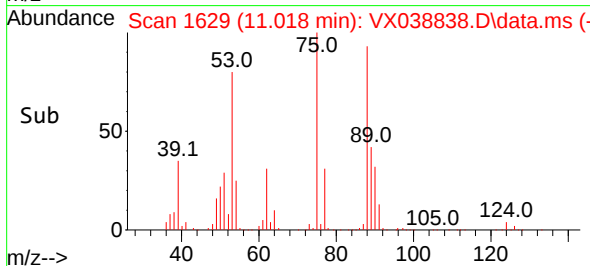
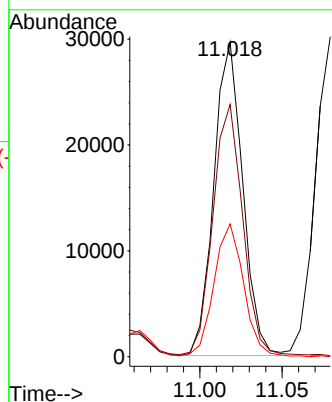
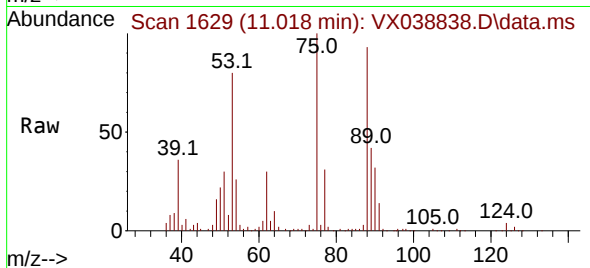
#81
trans-1,4-Dichloro-2-butene
Concen: 21.006 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 3612
Ion Ratio Lower Upper
75 100
53 82.9 90.5 135.7
89 43.8 36.9 55.3

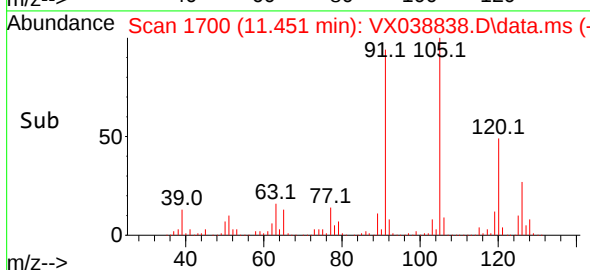
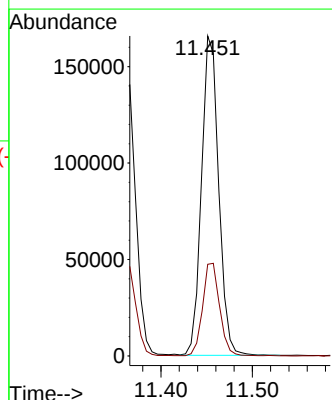
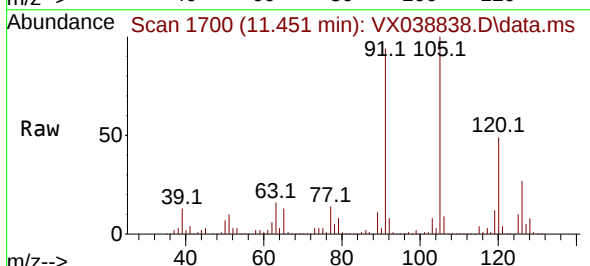
Manual Integrations
APPROVED

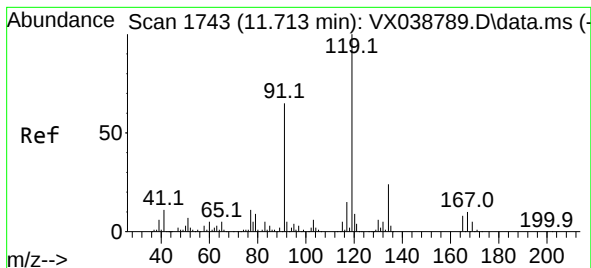
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 21.503 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

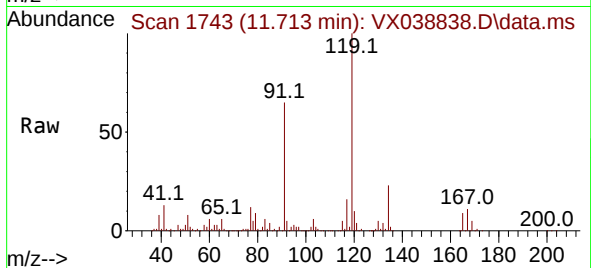
Tgt Ion: 91 Resp: 215742
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.916 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

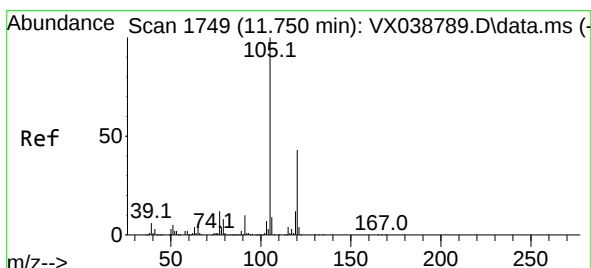
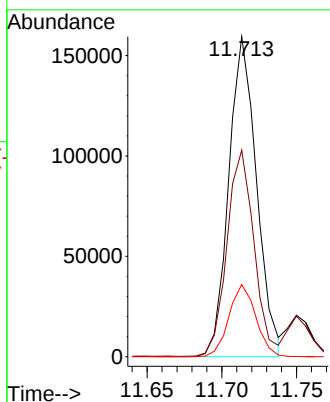
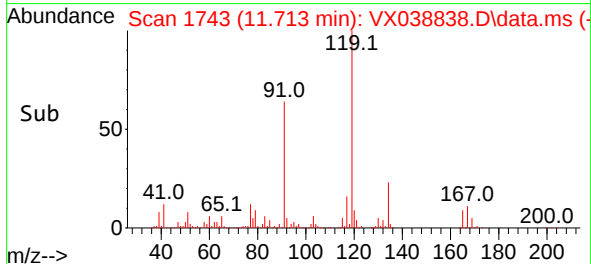
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:119 Resp: 206309
Ion Ratio Lower Upper
119 100
91 62.8 31.2 93.6
134 21.8 11.7 35.0

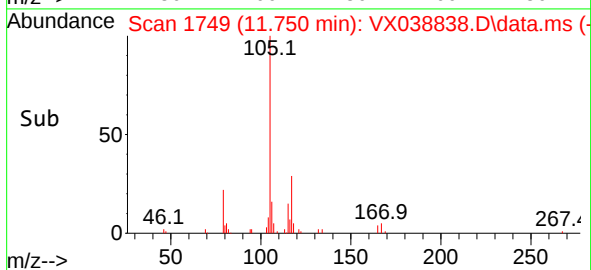
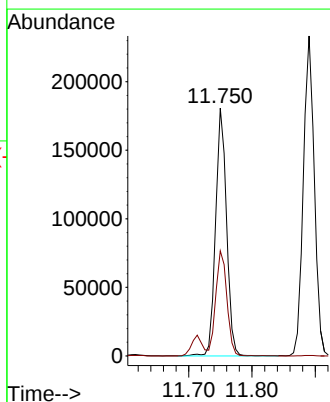
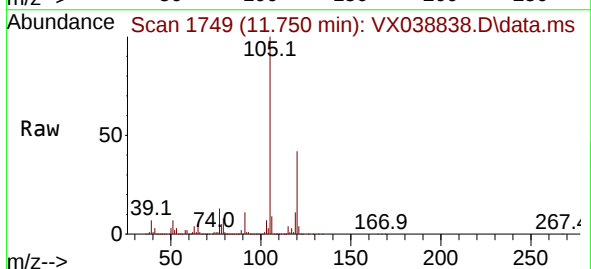
Manual Integrations
APPROVED

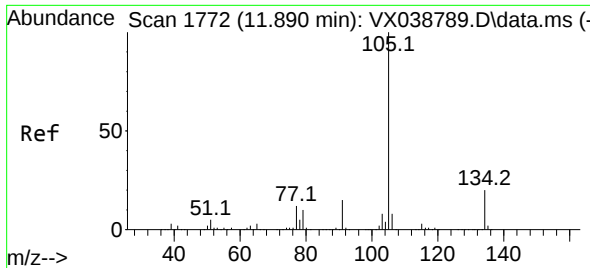
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.348 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion:105 Resp: 216410
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





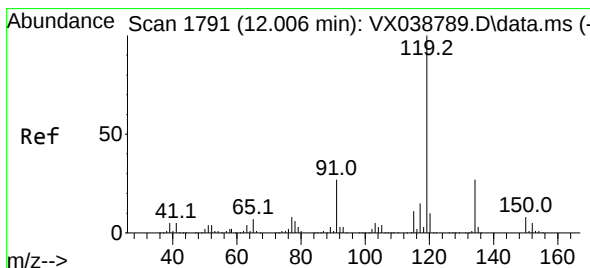
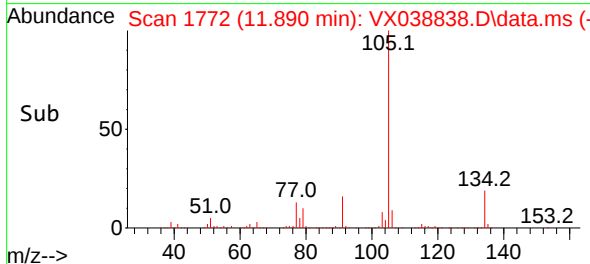
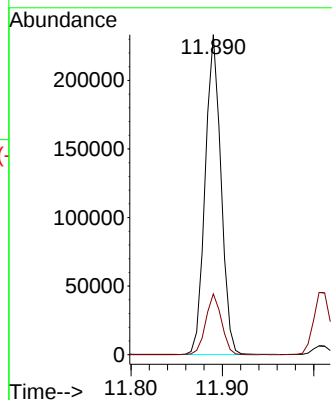
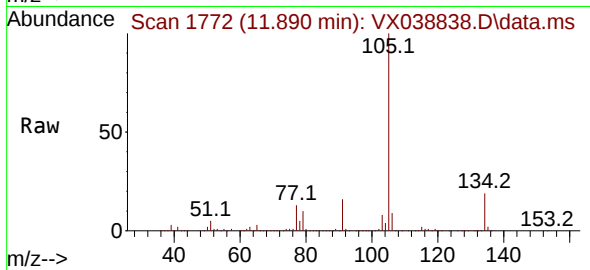
#85
 sec-Butylbenzene
 Concen: 21.632 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038838.D
 Acq: 16 Nov 2023 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 279098
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

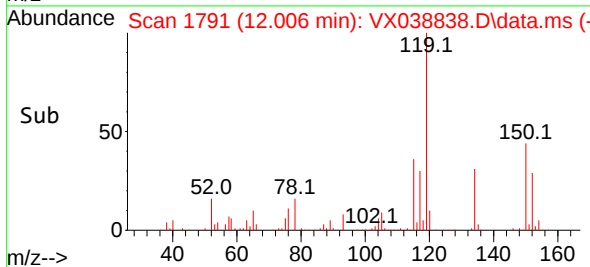
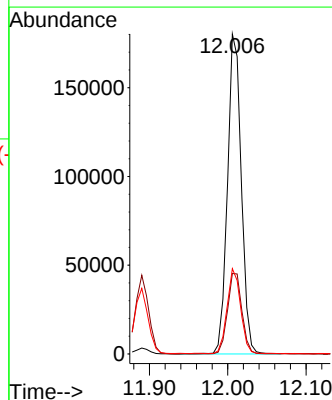
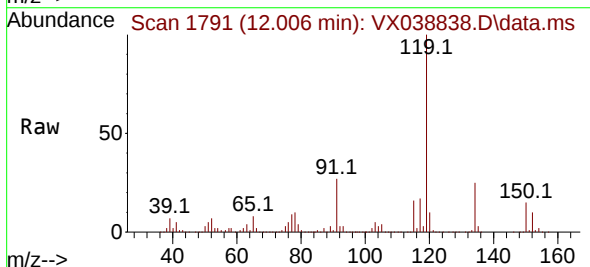
Manual Integrations
 APPROVED

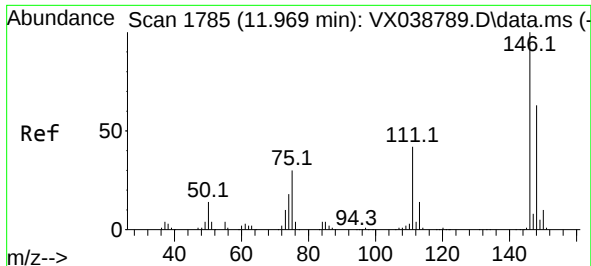
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 21.377 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038838.D
 Acq: 16 Nov 2023 14:37

Tgt Ion:119 Resp: 221404
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 21.197 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 111090

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.1

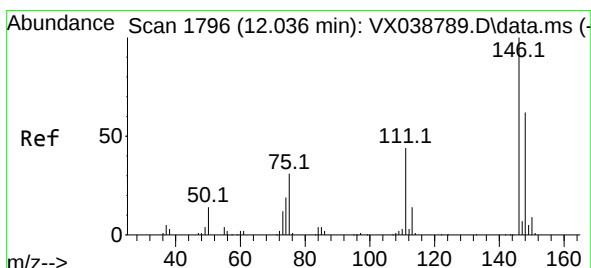
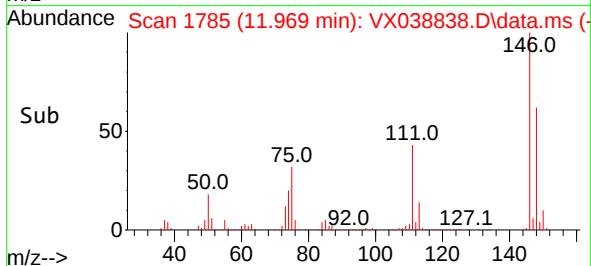
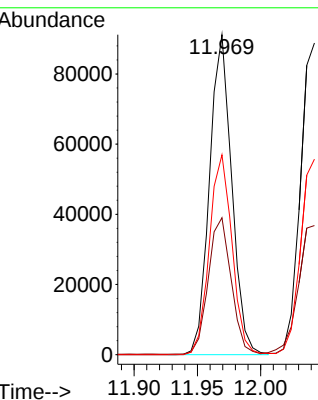
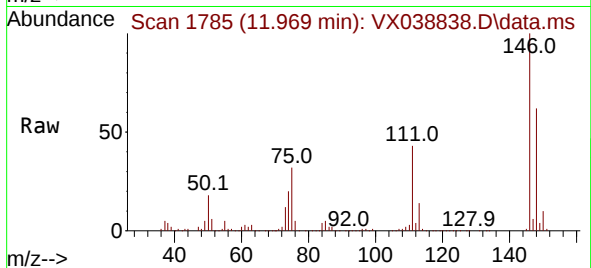
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#88

1,4-Dichlorobenzene

Concen: 21.140 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

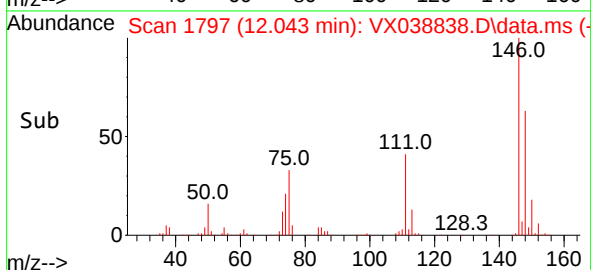
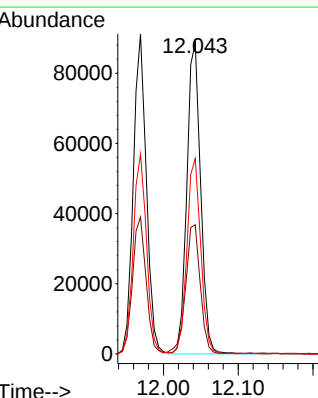
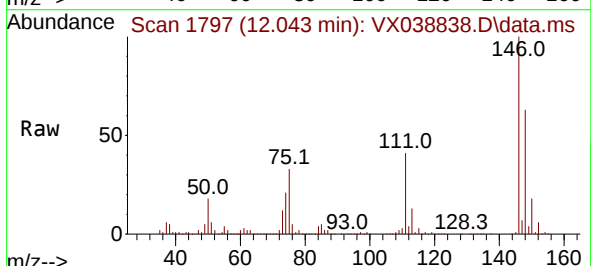
Tgt Ion:146 Resp: 113399

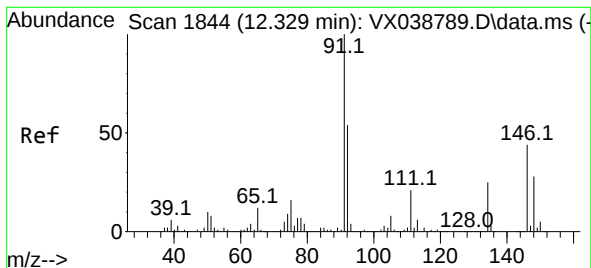
Ion Ratio Lower Upper

146 100

111 43.7 21.3 63.7

148 62.8 31.8 95.4





#89

n-Butylbenzene

Concen: 21.409 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

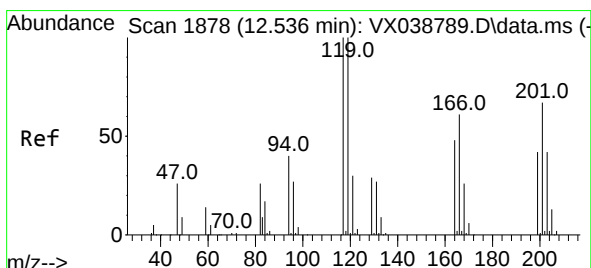
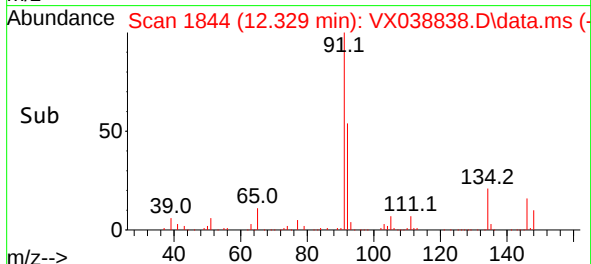
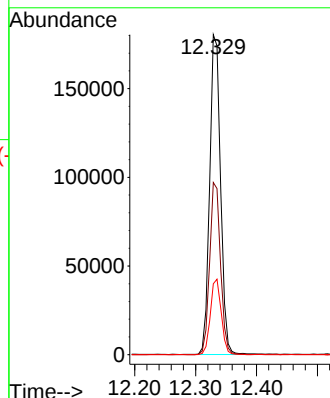
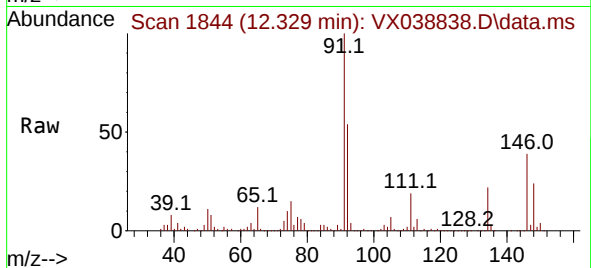
Tgt Ion: 91 Resp: 223714
 Ion Ratio Lower Upper
 91 100
 92 53.8 27.4 82.0
 134 23.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#90

Hexachloroethane

Concen: 21.515 ug/l

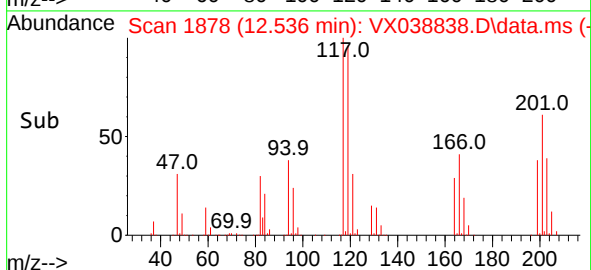
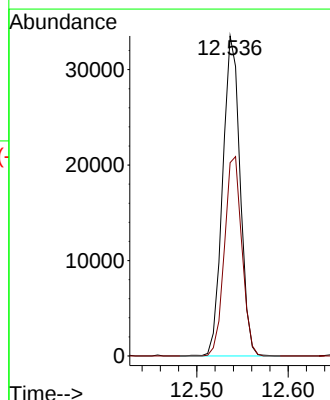
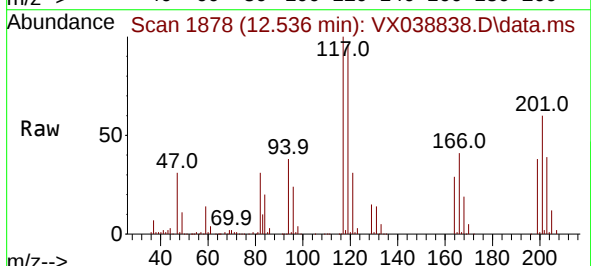
RT: 12.536 min Scan# 1878

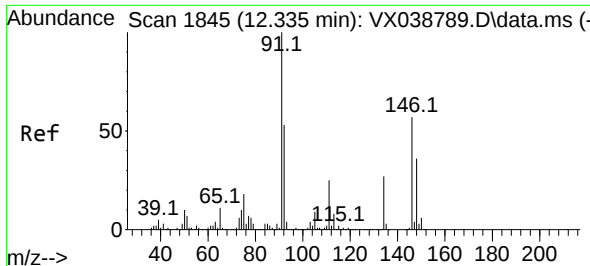
Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Tgt Ion:117 Resp: 44499
 Ion Ratio Lower Upper
 117 100
 201 62.3 32.9 98.6





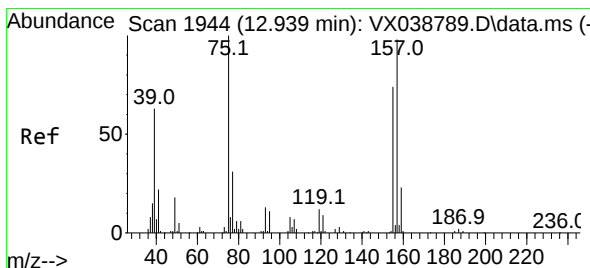
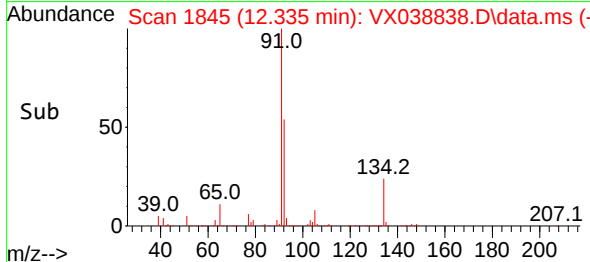
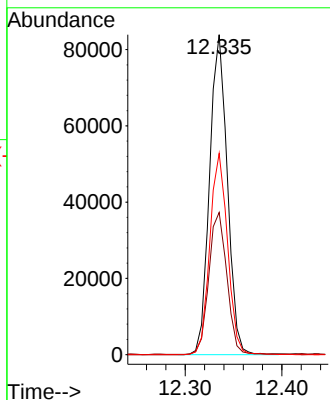
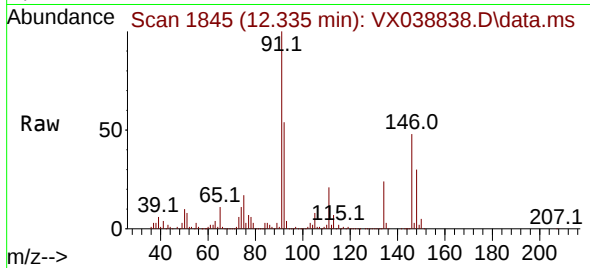
#91
1,2-Dichlorobenzene
Concen: 21.480 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 106780
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.0
148 62.9 31.6 95.0

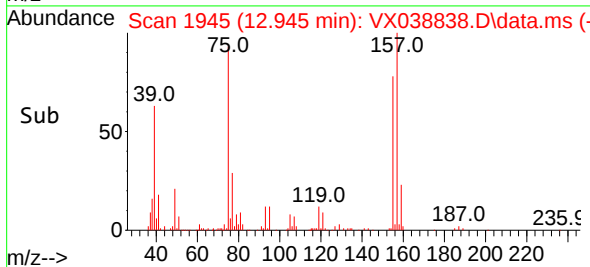
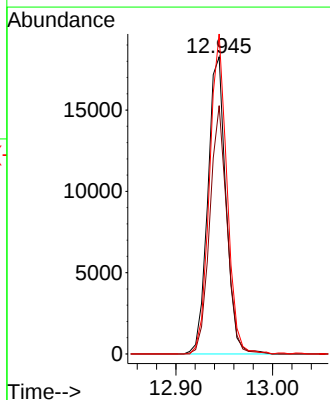
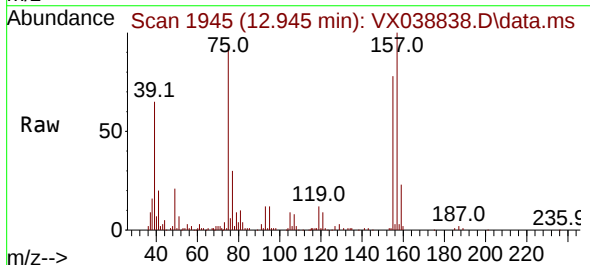
Manual Integrations
APPROVED

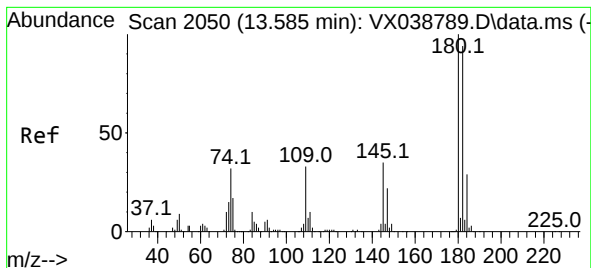
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.902 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

Tgt Ion: 75 Resp: 23812
Ion Ratio Lower Upper
75 100
155 78.9 36.1 108.5
157 103.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.238 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

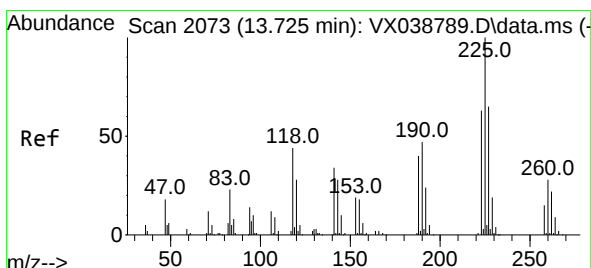
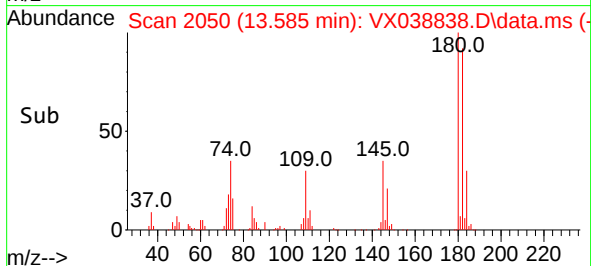
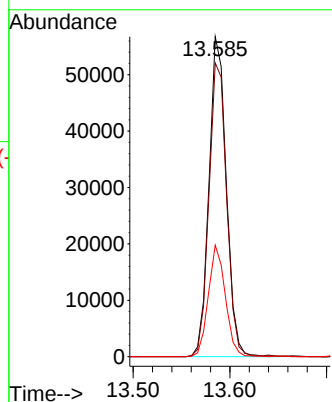
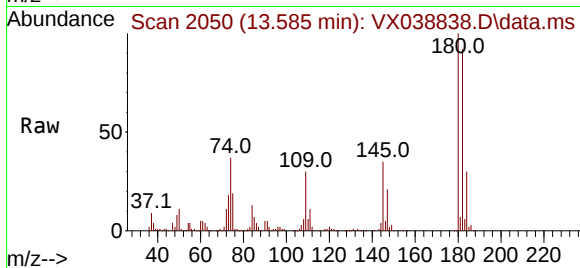
Tgt Ion:180	Resp:	70749
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.3 144.8
145	34.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 21.719 ug/l

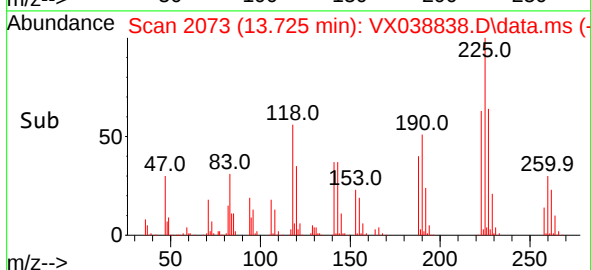
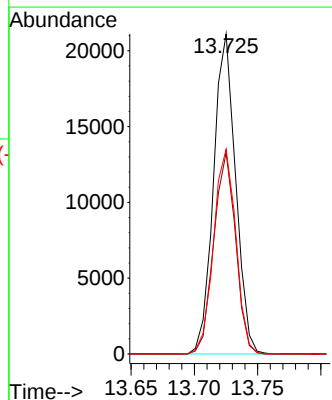
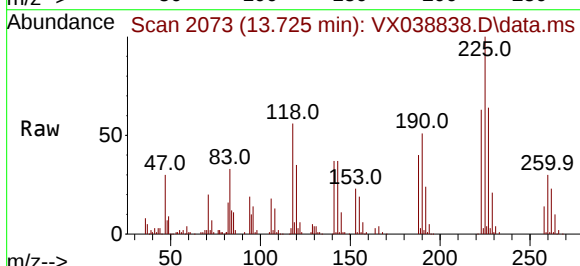
RT: 13.725 min Scan# 2073

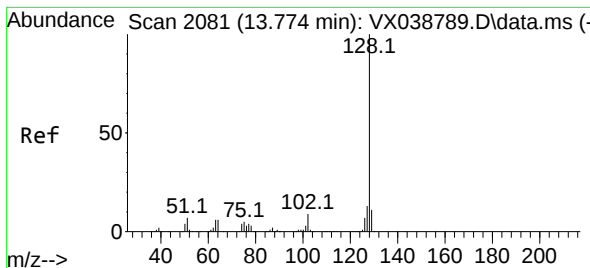
Delta R.T. 0.000 min

Lab File: VX038838.D

Acq: 16 Nov 2023 14:37

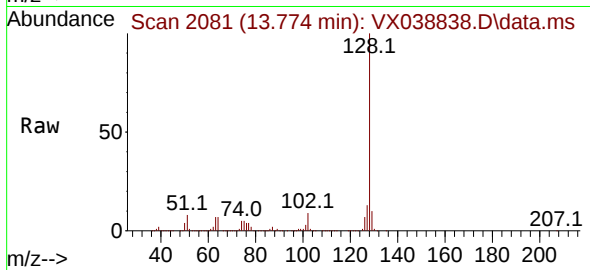
Tgt Ion:225	Resp:	25621
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.1 93.2
227	64.4	32.5 97.5





#95
Naphthalene
Concen: 20.882 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37

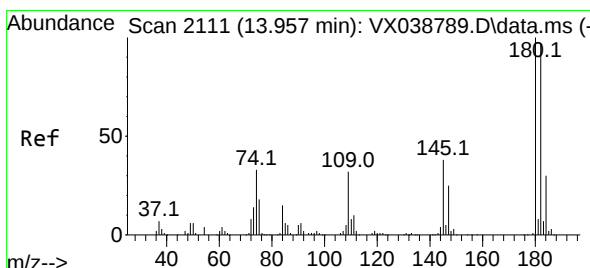
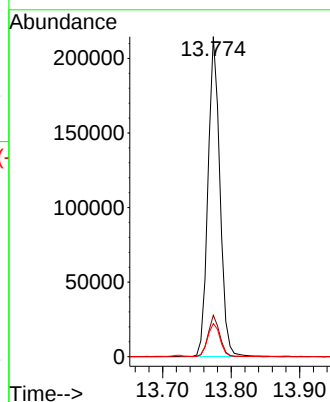
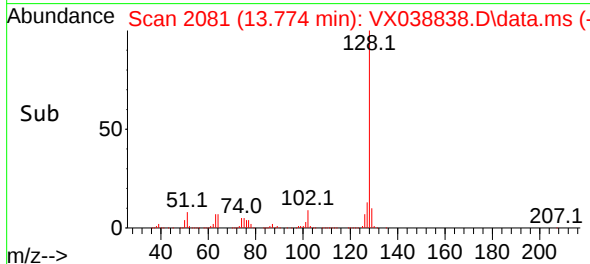
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



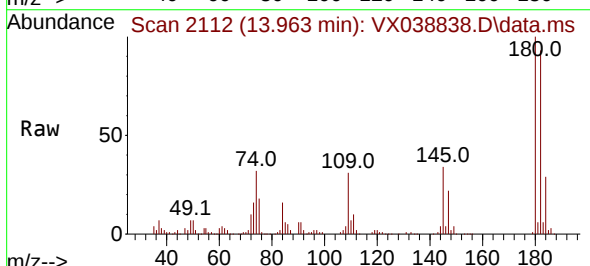
Tgt Ion:128 Resp: 259079
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.213 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038838.D
Acq: 16 Nov 2023 14:37



Tgt Ion:180 Resp: 66988
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 35.5 17.8 53.5

