

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039681.D
 Acq On : 09 Jan 2024 16:07
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 07:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	9921	5.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.060%#		
35) Dibromofluoromethane	5.379	113	6569	5.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.220%#		
50) Toluene-d8	8.647	98	26050	5.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.700%#		
62) 4-Bromofluorobenzene	11.079	95	8727	4.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6677	4.624	ug/l	96
3) Chloromethane	1.294	50	7759	4.816	ug/l	90
4) Vinyl Chloride	1.374	62	7535	4.932	ug/l	94
5) Bromomethane	1.599	94	3590	4.905	ug/l	98
6) Chloroethane	1.666	64	3838m	5.241	ug/l	
7) Trichlorofluoromethane	1.873	101	11318	5.040	ug/l	89
8) Diethyl Ether	2.136	74	4343	5.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	7107	5.327	ug/l	96
10) Methyl Iodide	2.447	142	6464	4.300	ug/l	89
11) Tert butyl alcohol	3.001	59	13408	28.377	ug/l	98
12) 1,1-Dichloroethene	2.312	96	6770	5.121	ug/l	92
13) Acrolein	2.233	56	9978	31.110	ug/l	99
14) Allyl chloride	2.660	41	12483	4.836	ug/l	99
15) Acrylonitrile	3.068	53	24587	25.386	ug/l	99
16) Acetone	2.386	43	26271	27.120	ug/l #	86
17) Carbon Disulfide	2.508	76	16903	4.432	ug/l	99
18) Methyl Acetate	2.703	43	10592	4.968	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	23751	5.110	ug/l	98
20) Methylene Chloride	2.788	84	8442	5.248	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	6787	4.928	ug/l	94
22) Diisopropyl ether	3.763	45	25599	5.219	ug/l	97
23) Vinyl Acetate	3.721	43	113394	24.950	ug/l	99
24) 1,1-Dichloroethane	3.605	63	14122	5.211	ug/l	97
25) 2-Butanone	4.562	43	36941	26.086	ug/l	92
26) 2,2-Dichloropropane	4.477	77	10588	4.953	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	8107	5.119	ug/l	96
28) Bromochloromethane	4.897	49	6473	5.215	ug/l #	95
29) Tetrahydrofuran	5.007	42	23978	25.967	ug/l	98
30) Chloroform	5.086	83	13167	4.975	ug/l	100
31) Cyclohexane	5.470	56	12105	4.958	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	11010	4.892	ug/l	97
36) 1,1-Dichloropropene	5.696	75	9404	4.677	ug/l	98
37) Ethyl Acetate	4.727	43	12813	4.881	ug/l	98
38) Carbon Tetrachloride	5.678	117	8767	4.630	ug/l	88
39) Methylcyclohexane	7.372	83	12406	5.117	ug/l	93
40) Benzene	6.037	78	29539	5.089	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039681.D
 Acq On : 09 Jan 2024 16:07
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 07:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6539	4.926	ug/l #	93
42) 1,2-Dichloroethane	6.086	62	11661	5.193	ug/l	98
43) Isopropyl Acetate	6.342	43	20132	5.012	ug/l	98
44) Trichloroethene	7.123	130	6995	5.015	ug/l	100
45) 1,2-Dichloropropane	7.433	63	8087	5.108	ug/l	100
46) Dibromomethane	7.586	93	5205	4.959	ug/l	96
47) Bromodichloromethane	7.824	83	9191	4.750	ug/l	99
48) Methyl methacrylate	7.696	41	9396	4.944	ug/l	94
49) 1,4-Dioxane	7.671	88	3939	101.884	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	69098	25.842	ug/l	98
52) Toluene	8.720	92	17523	5.007	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	8878	4.211	ug/l	89
54) cis-1,3-Dichloropropene	8.372	75	10522	4.598	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	7397	5.058	ug/l	98
56) Ethyl methacrylate	9.122	69	10593	4.495	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	12797	5.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	28850	25.977	ug/l	93
59) 2-Hexanone	9.433	43	54557	25.586	ug/l	99
60) Dibromochloromethane	9.525	129	5683	4.286	ug/l	99
61) 1,2-Dibromoethane	9.610	107	7553	5.001	ug/l	100
64) Tetrachloroethene	9.275	164	5722	5.386	ug/l	92
65) Chlorobenzene	10.079	112	18260	5.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	6162	5.038	ug/l	93
67) Ethyl Benzene	10.195	91	32340	4.996	ug/l	98
68) m/p-Xylenes	10.305	106	24304	10.189	ug/l	99
69) o-Xylene	10.640	106	12094	5.109	ug/l	94
70) Styrene	10.659	104	18165	4.807	ug/l	96
71) Bromoform	10.799	173	3654	4.143	ug/l #	96
73) Isopropylbenzene	10.963	105	31014	5.189	ug/l	99
74) N-amyl acetate	10.841	43	14947	4.695	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	12328	5.324	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	9961m	5.119	ug/l	
77) Bromobenzene	11.201	156	6765	5.038	ug/l	95
78) n-propylbenzene	11.305	91	35257	4.996	ug/l	97
79) 2-Chlorotoluene	11.366	91	22903	5.181	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	25876	5.070	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2304	3.634	ug/l	91
82) 4-Chlorotoluene	11.457	91	25161	5.023	ug/l	96
83) tert-Butylbenzene	11.713	119	25099	5.102	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	26277	5.165	ug/l	98
85) sec-Butylbenzene	11.890	105	30705	5.007	ug/l	99
86) p-Isopropyltoluene	12.012	119	24126	4.946	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	12259	4.835	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	12322	4.874	ug/l	89
89) n-Butylbenzene	12.335	91	19782	4.404	ug/l	97
90) Hexachloroethane	12.536	117	3679	4.327	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	12580	4.971	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2414	4.497	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	6560	4.551	ug/l	96
94) Hexachlorobutadiene	13.725	225	3174	5.300	ug/l	94
95) Naphthalene	13.774	128	26053	4.533	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	7033	4.772	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
Data File : VX039681.D
Acq On : 09 Jan 2024 16:07
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

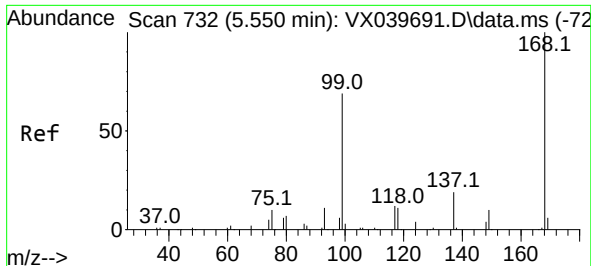
Manual Integrations
APPROVED

Reviewed By : John Carlone 01/10/2024
Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 07:17:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 10 07:08:34 2024
Response via : Initial Calibration

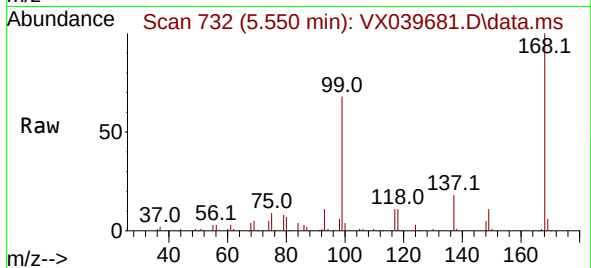
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

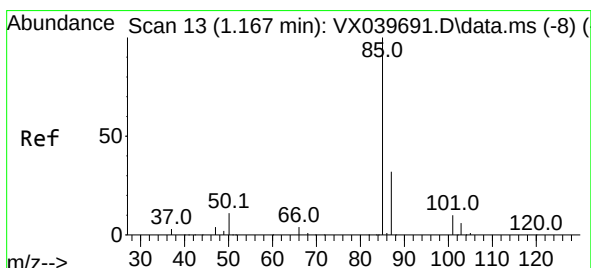
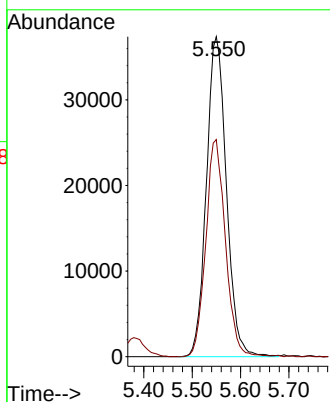
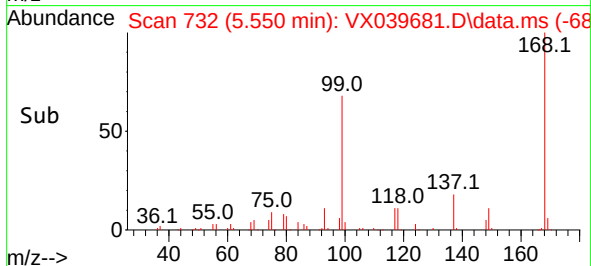
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 10744
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0

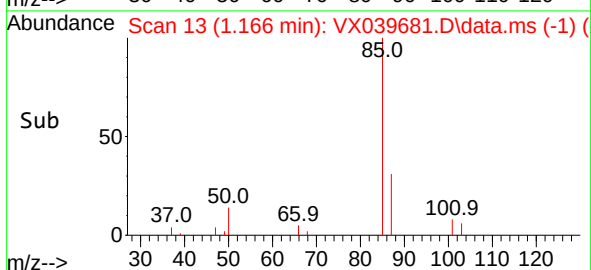
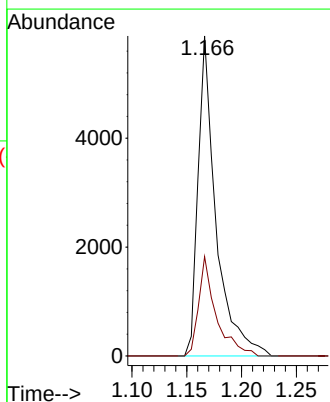
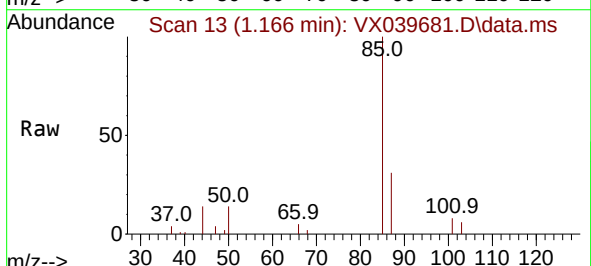
Manual Integrations
APPROVED

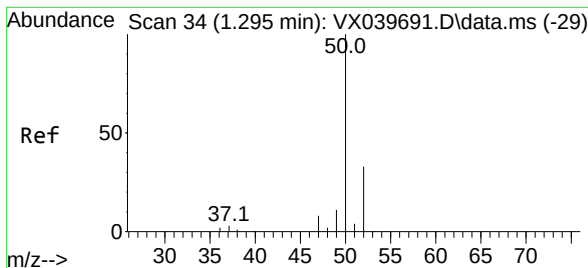
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#2
Dichlorodifluoromethane
Concen: 4.624 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 85 Resp: 6677
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





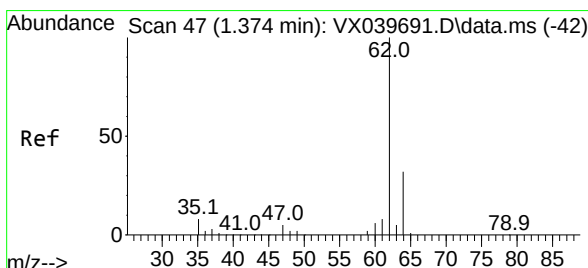
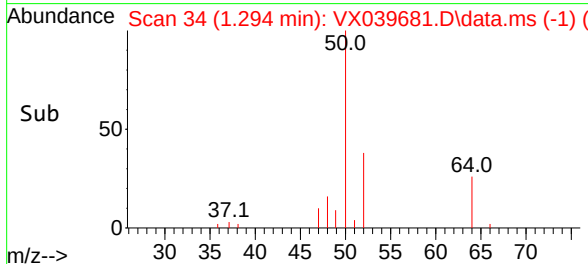
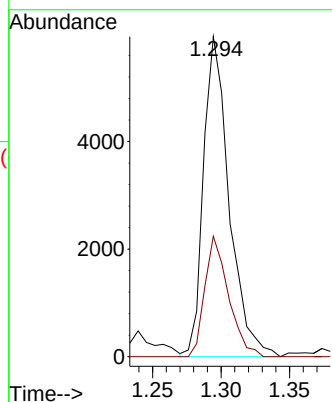
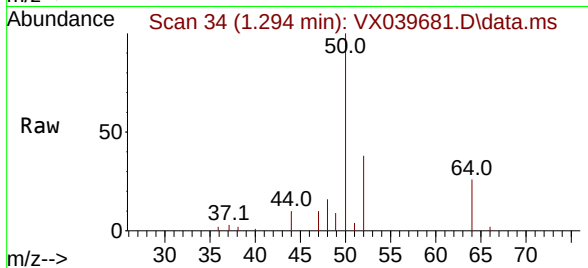
#3
Chloromethane
Concen: 4.816 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 7759
Ion Ratio Lower Upper
50 100
52 37.7 25.5 38.3

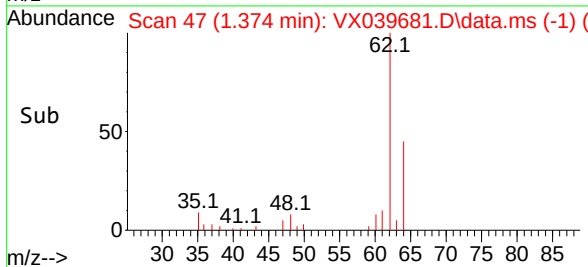
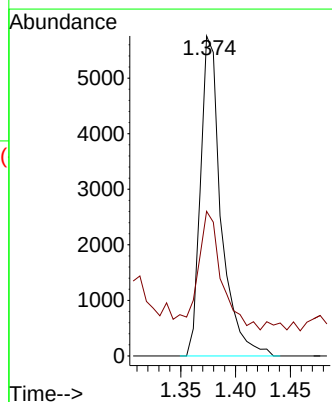
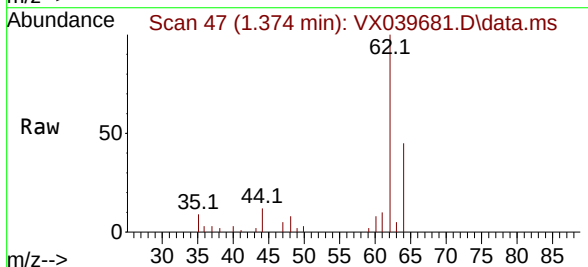
Manual Integrations
APPROVED

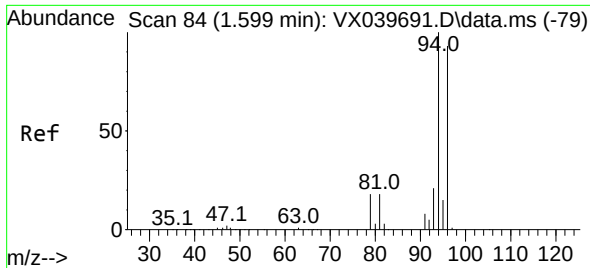
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#4
Vinyl Chloride
Concen: 4.932 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

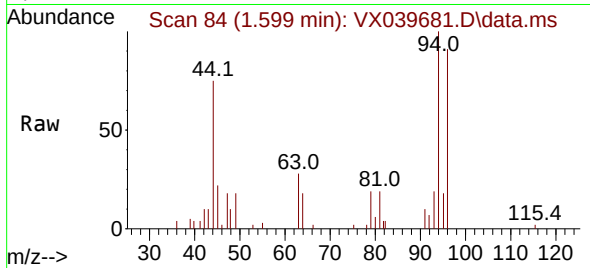
Tgt Ion: 62 Resp: 7535
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0





#5
Bromomethane
Concen: 4.905 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

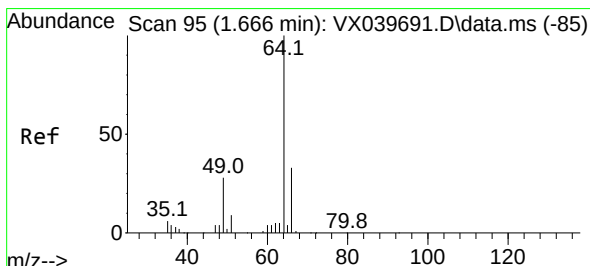
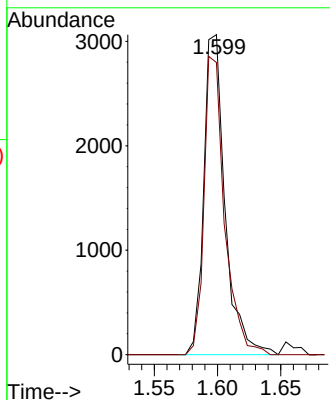
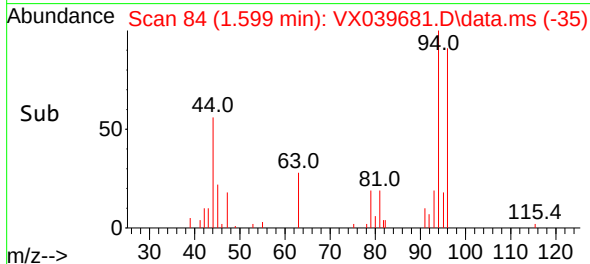
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



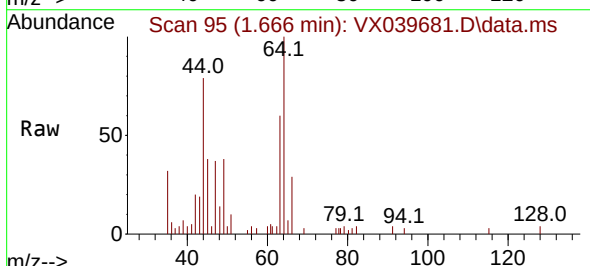
Tgt Ion: 94 Resp: 3590
Ion Ratio Lower Upper
94 100
96 91.3 74.6 111.8

Manual Integrations
APPROVED

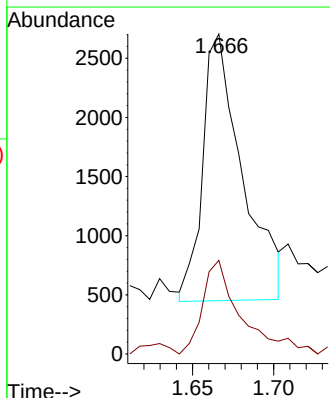
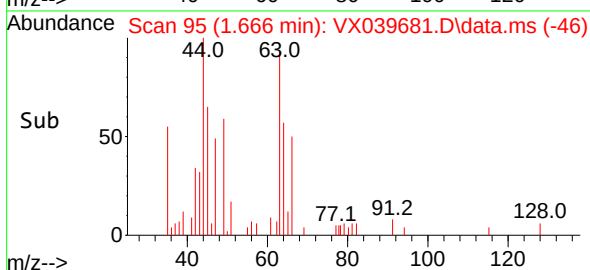
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

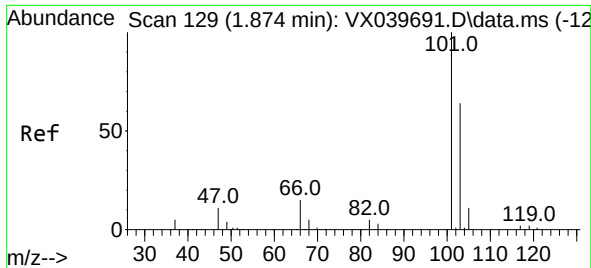


#6
Chloroethane
Concen: 5.241 ug/l m
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07



Tgt Ion: 64 Resp: 3838
Ion Ratio Lower Upper
64 100
66 29.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 5.040 ug/l
RT: 1.873 min Scan# 11318
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

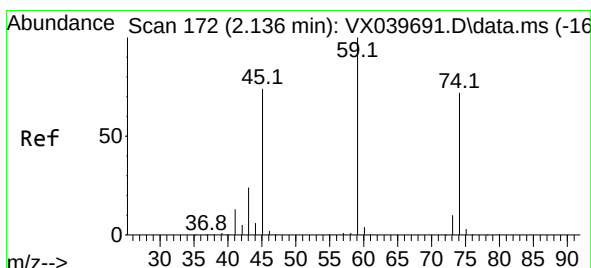
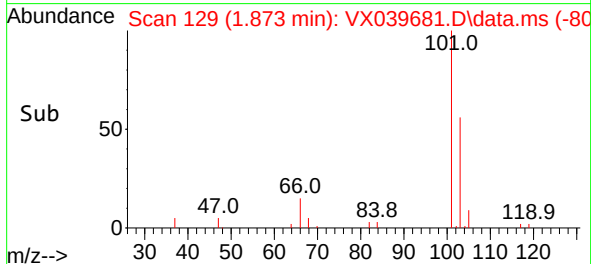
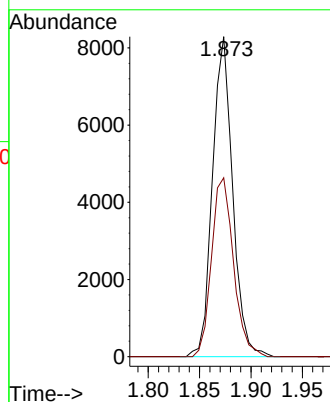
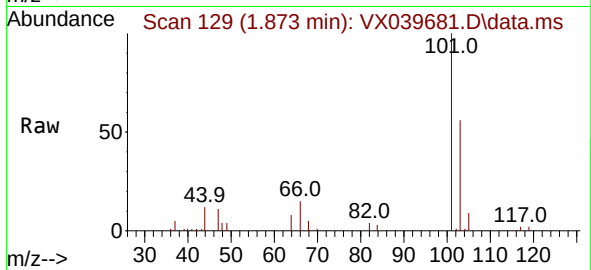
VSTDIC005

Tgt Ion:101 Resp: 11318
Ion Ratio Lower Upper
101 100
103 55.9 51.4 77.2

Manual Integrations

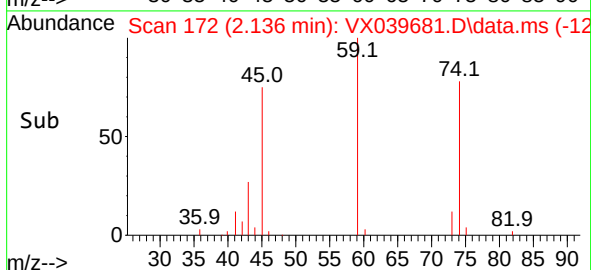
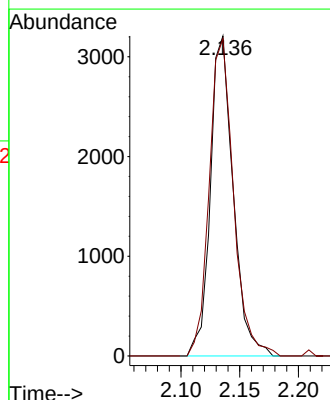
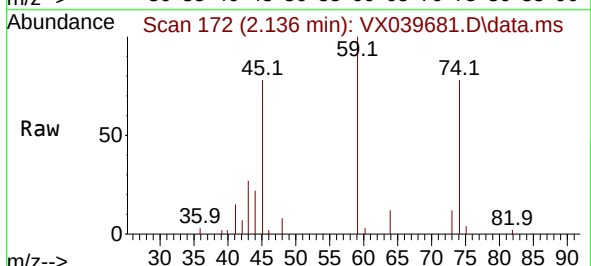
APPROVED

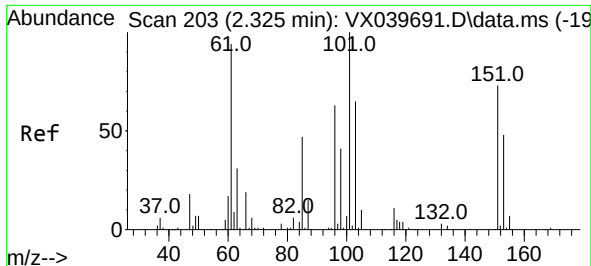
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#8
Diethyl Ether
Concen: 5.330 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 74 Resp: 4343
Ion Ratio Lower Upper
74 100
45 105.1 53.3 159.8





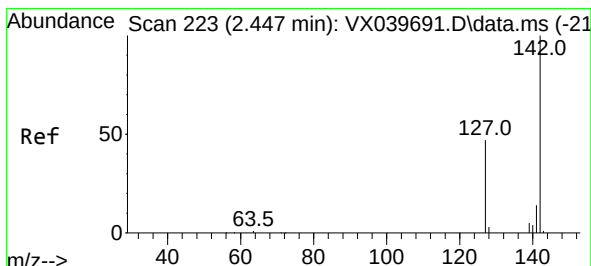
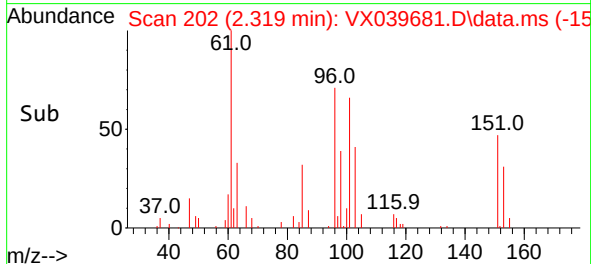
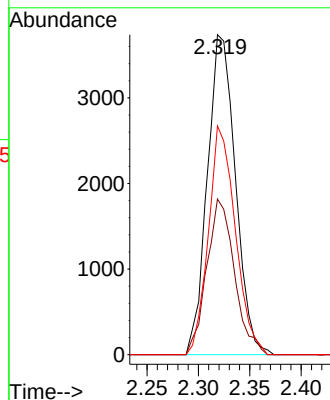
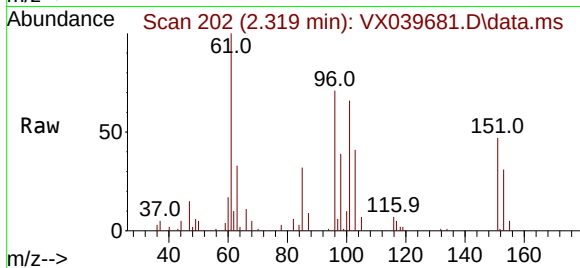
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.327 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 710
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 68.6 58.6 87.8

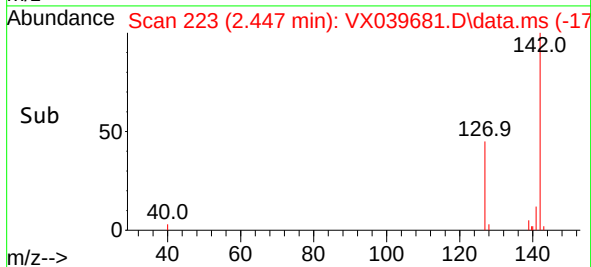
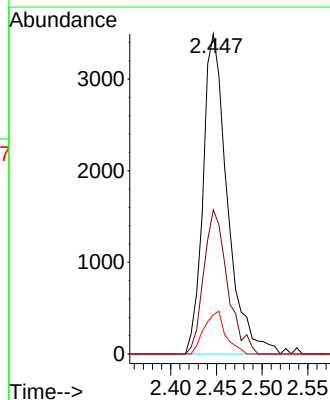
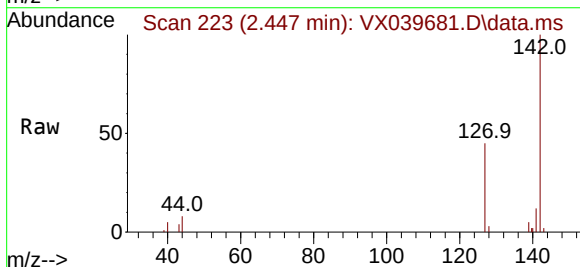
Manual Integrations
APPROVED

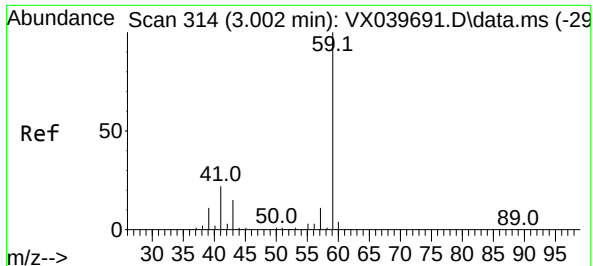
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#10
Methyl Iodide
Concen: 4.300 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:142 Resp: 6464
Ion Ratio Lower Upper
142 100
127 43.8 41.6 62.4
141 11.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 28.377 ug/l

RT: 3.001 min Scan# 314

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 13408

Ion Ratio Lower Upper

59 100

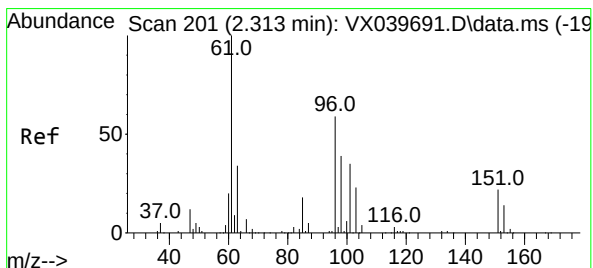
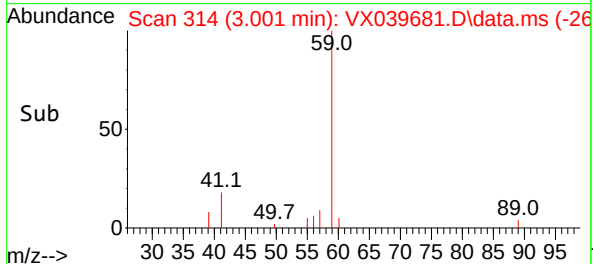
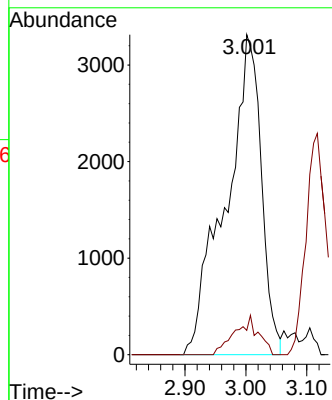
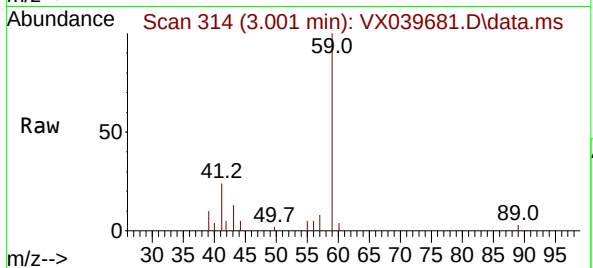
57 8.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#12

1,1-Dichloroethene

Concen: 5.121 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

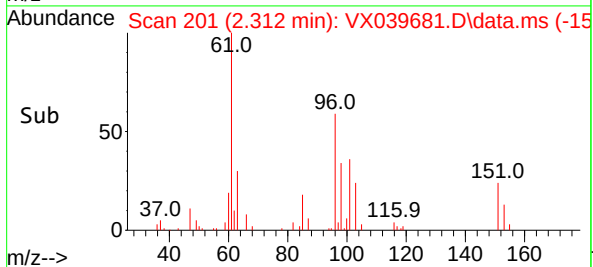
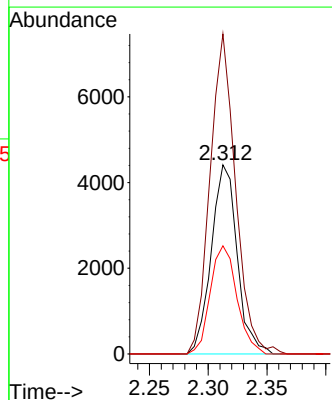
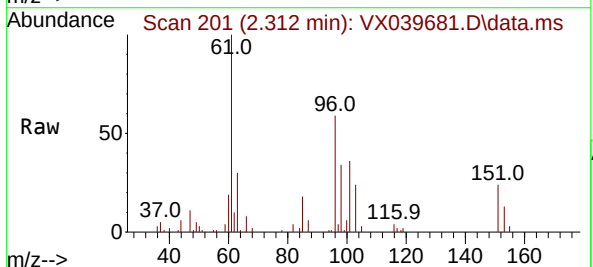
Tgt Ion: 96 Resp: 6770

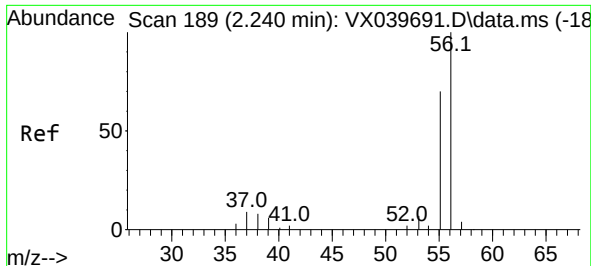
Ion Ratio Lower Upper

96 100

61 169.2 144.6 216.8

98 57.2 50.4 75.6





#13

Acrolein

Concen: 31.110 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 9978

Ion Ratio Lower Upper

56 100

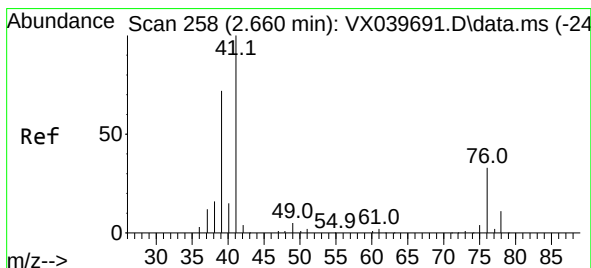
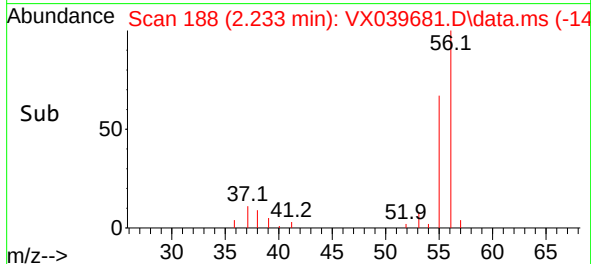
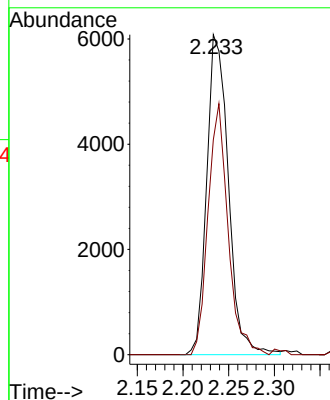
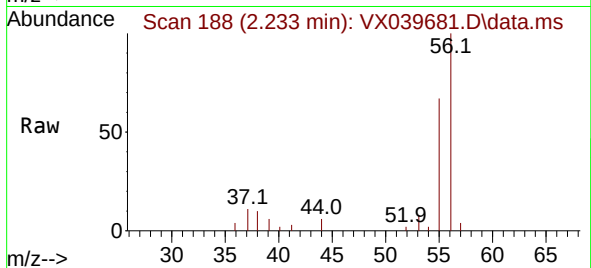
55 72.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#14

Allyl chloride

Concen: 4.836 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

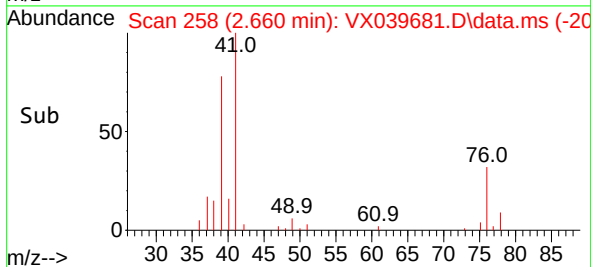
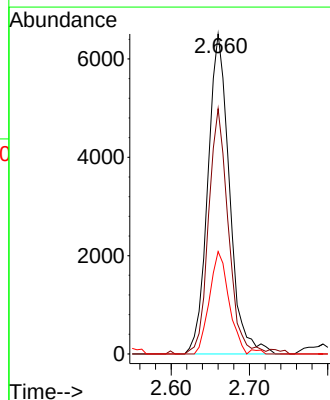
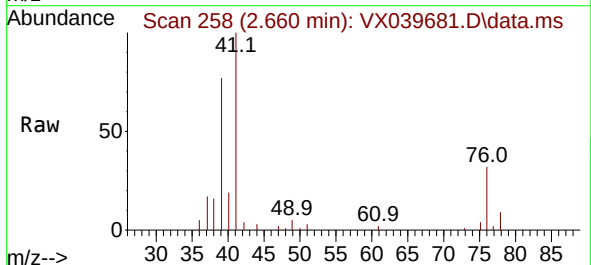
Tgt Ion: 41 Resp: 12483

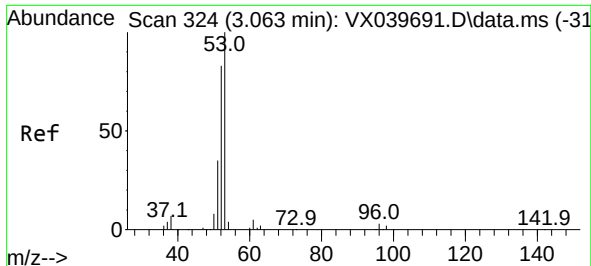
Ion Ratio Lower Upper

41 100

39 69.8 55.8 83.6

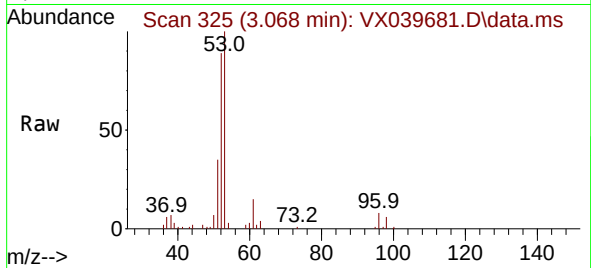
76 28.7 24.3 36.5





#15
Acrylonitrile
Concen: 25.386 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

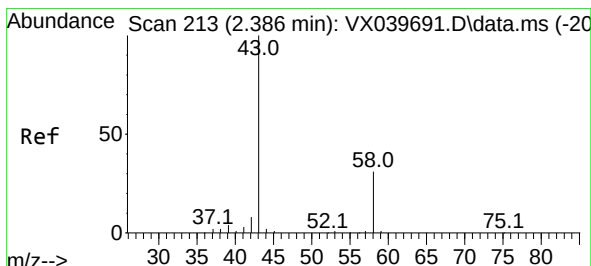
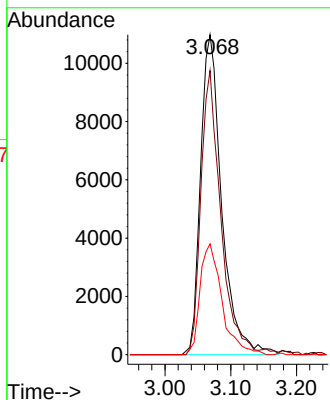
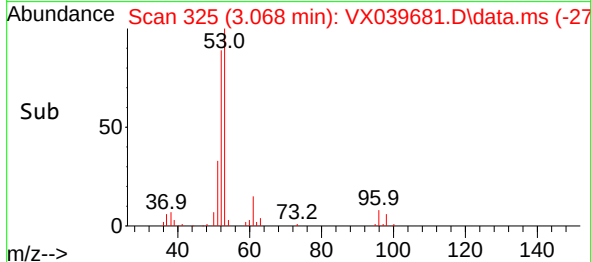
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



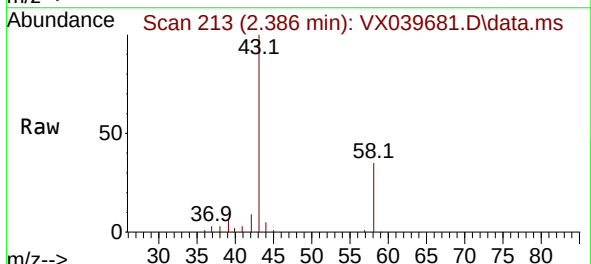
Tgt Ion: 53 Resp: 2458
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 35.9 29.8 44.6

Manual Integrations
APPROVED

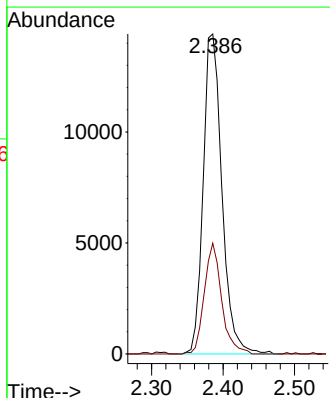
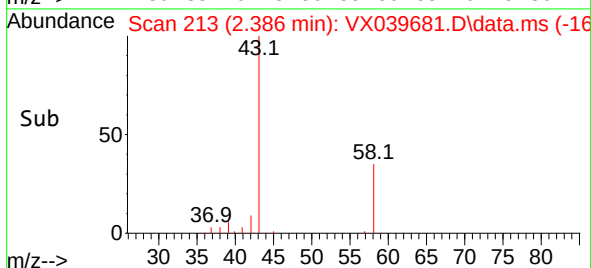
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

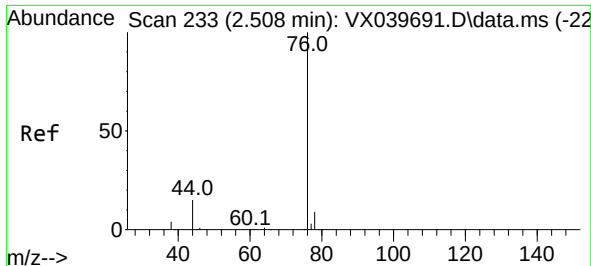


#16
Acetone
Concen: 27.120 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07



Tgt Ion: 43 Resp: 26271
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9





#17

Carbon Disulfide

Concen: 4.432 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1690

Ion Ratio Lower Upper

76 100

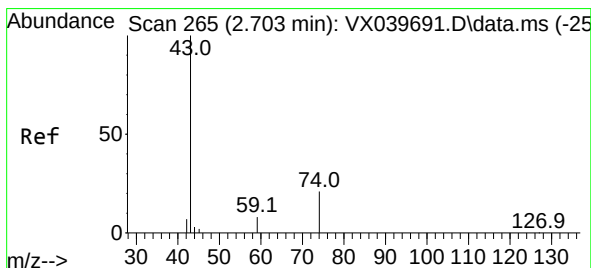
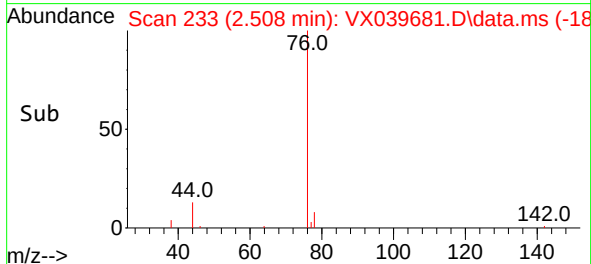
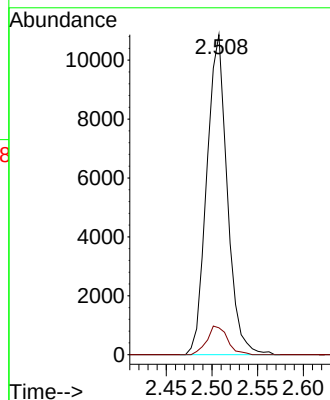
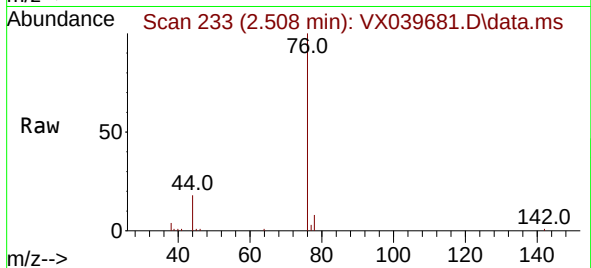
78 8.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#18

Methyl Acetate

Concen: 4.968 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX039681.D

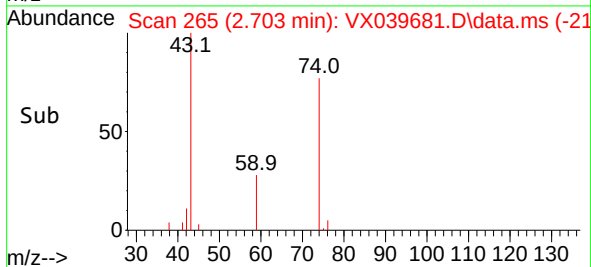
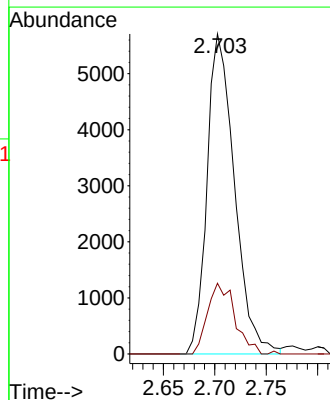
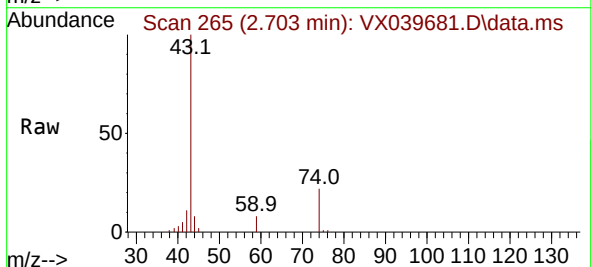
Acq: 09 Jan 2024 16:07

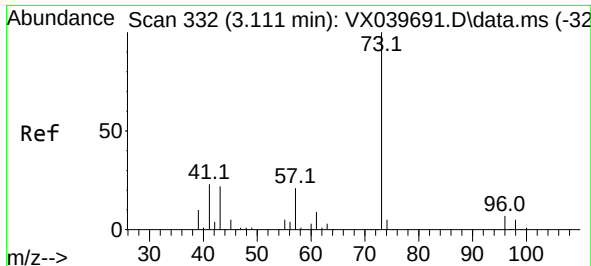
Tgt Ion: 43 Resp: 10592

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8





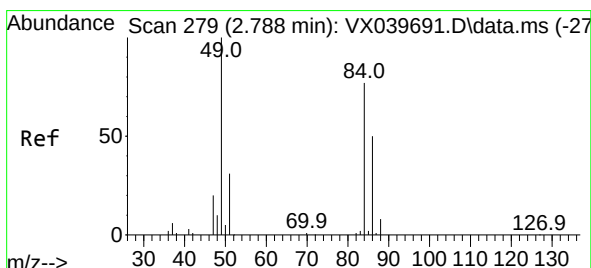
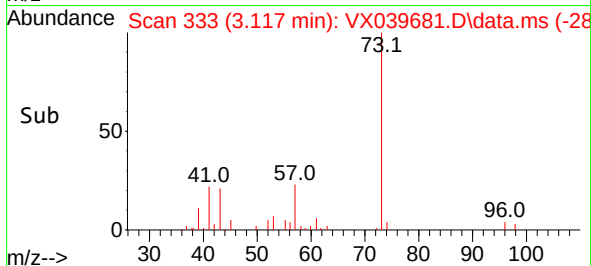
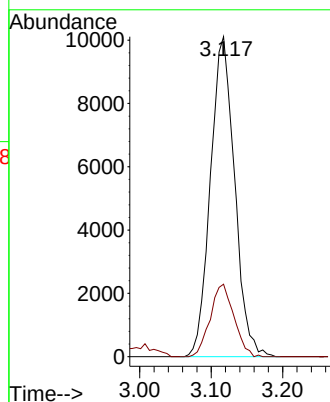
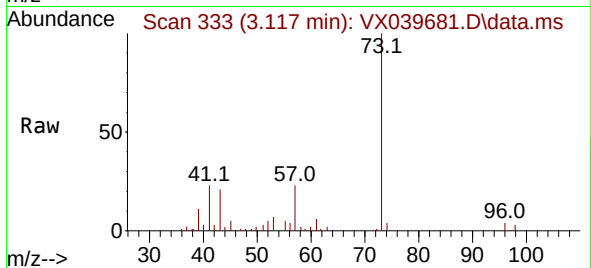
#19
Methyl tert-butyl Ether
Concen: 5.110 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 2375
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

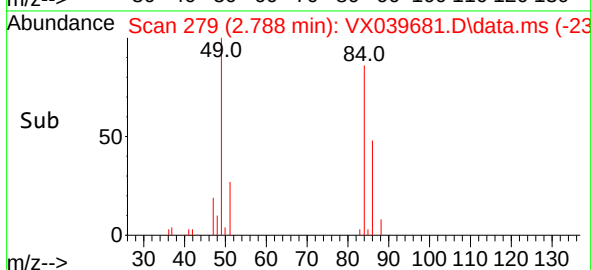
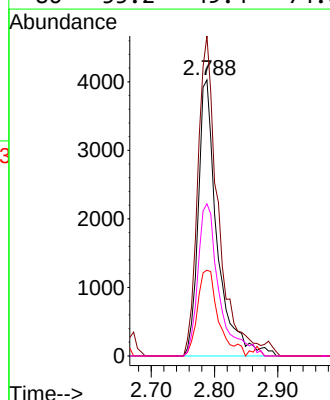
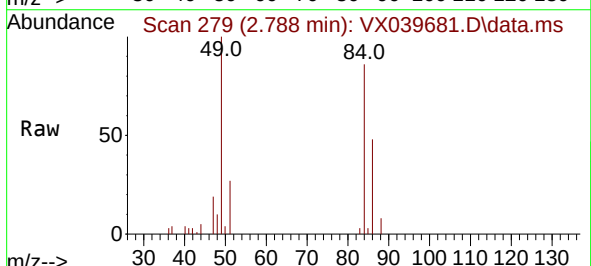
Manual Integrations
APPROVED

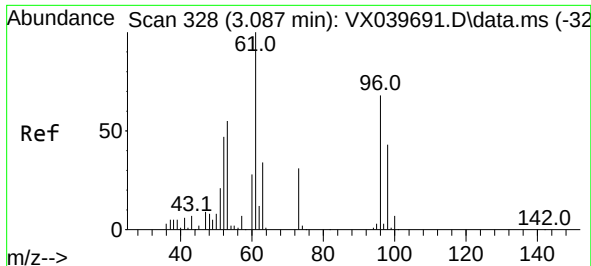
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#20
Methylene Chloride
Concen: 5.248 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

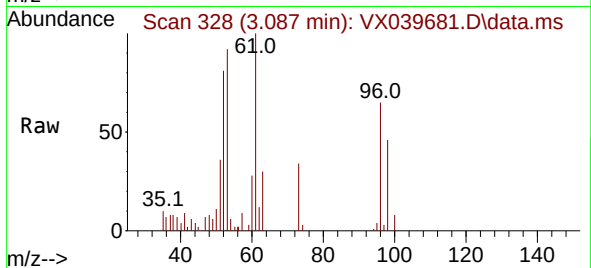
Tgt Ion: 84 Resp: 8442
Ion Ratio Lower Upper
84 100
49 116.0 103.6 155.4
51 31.1 33.8 50.6#
86 55.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.928 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

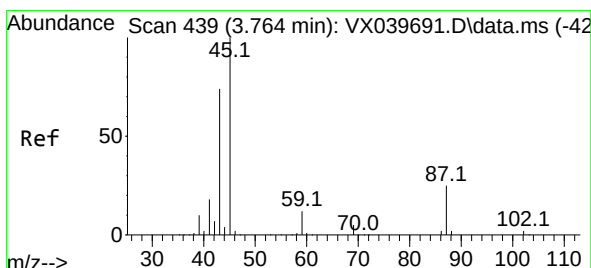
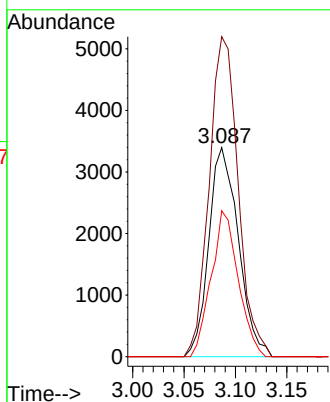
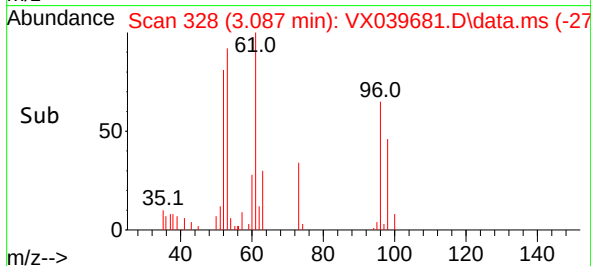
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 678
Ion Ratio Lower Upper
96 100
61 153.0 119.2 178.8
98 69.8 48.7 73.1

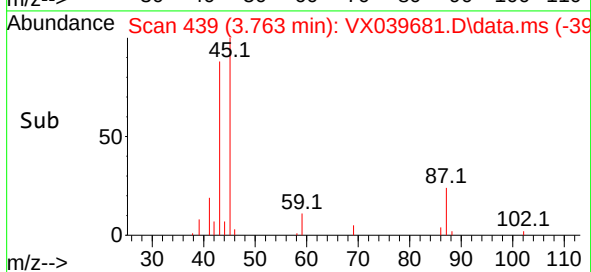
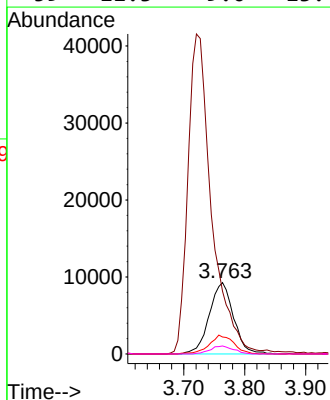
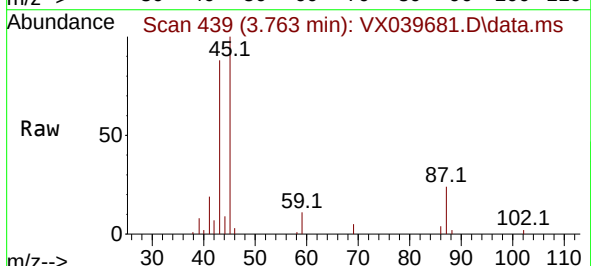
Manual Integrations
APPROVED

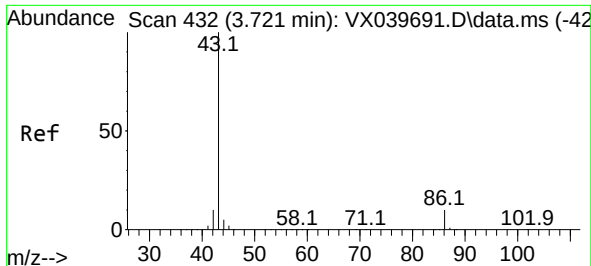
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#22
Diisopropyl ether
Concen: 5.219 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 45 Resp: 25599
Ion Ratio Lower Upper
45 100
43 84.3 69.7 104.5
87 23.8 20.8 31.2
59 11.3 9.0 13.4





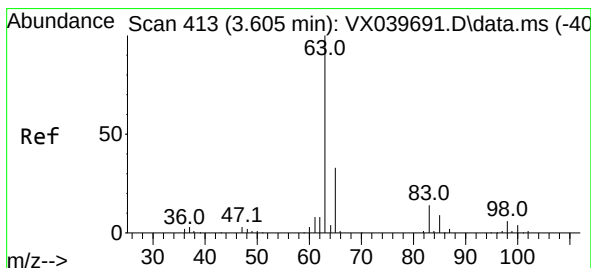
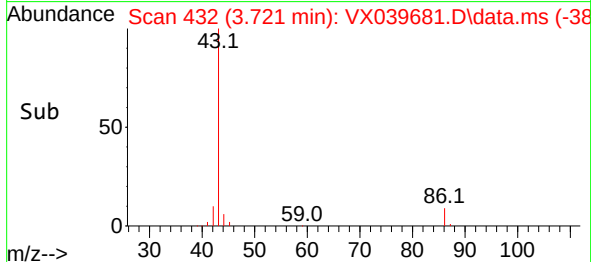
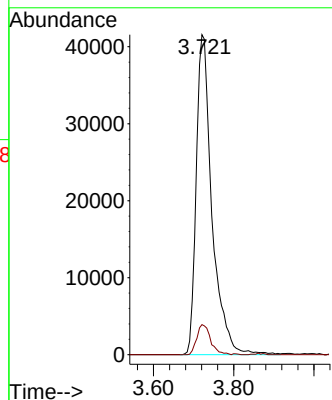
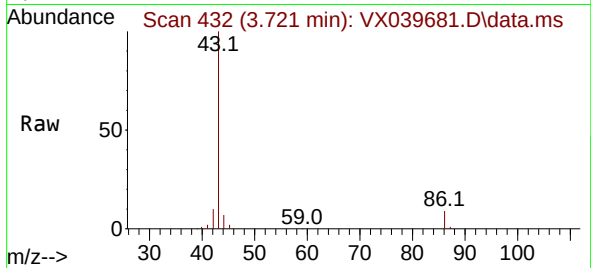
#23
 Vinyl Acetate
 Concen: 24.950 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 113394
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

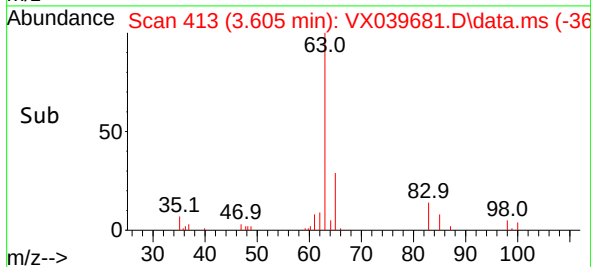
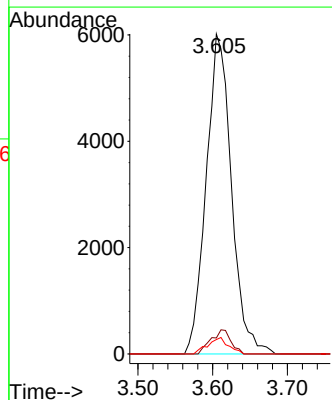
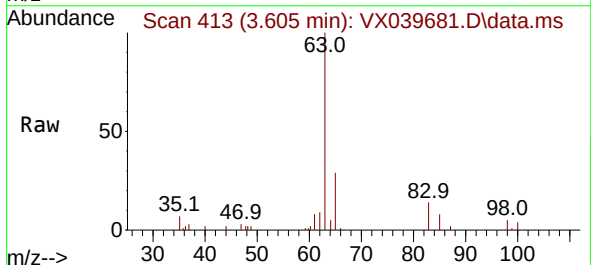
Manual Integrations
 APPROVED

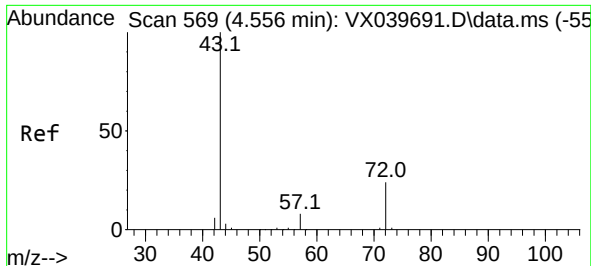
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#24
 1,1-Dichloroethane
 Concen: 5.211 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

Tgt Ion: 63 Resp: 14122
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.3 9.8
 100 4.5 2.1 6.5





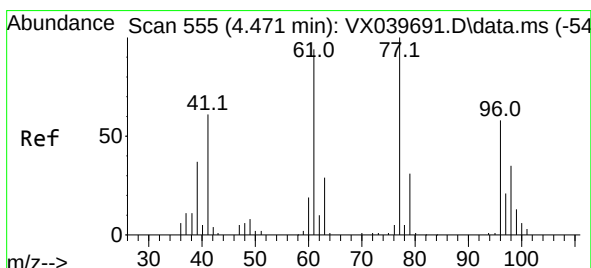
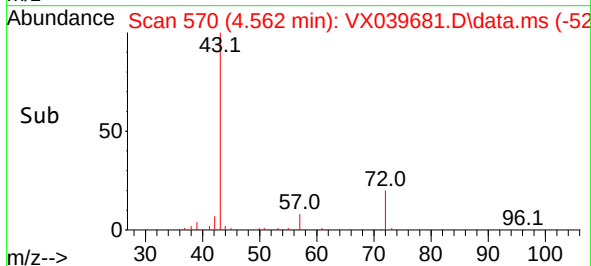
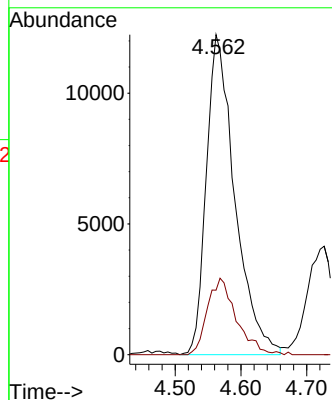
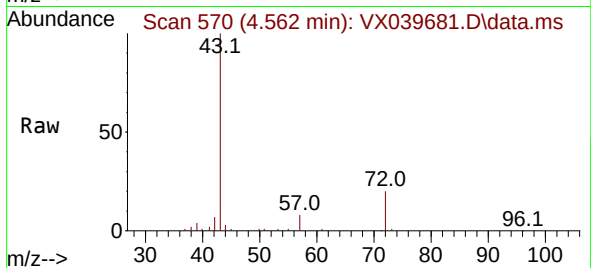
#25
2-Butanone
Concen: 26.086 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3694
Ion Ratio Lower Upper
43 100
72 20.2 19.4 29.2

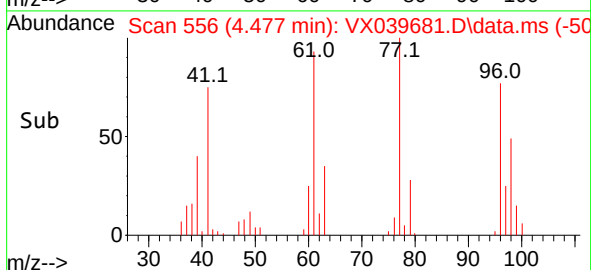
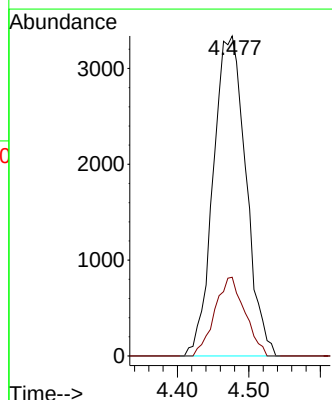
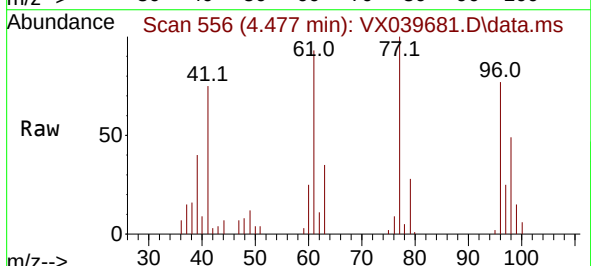
Manual Integrations
APPROVED

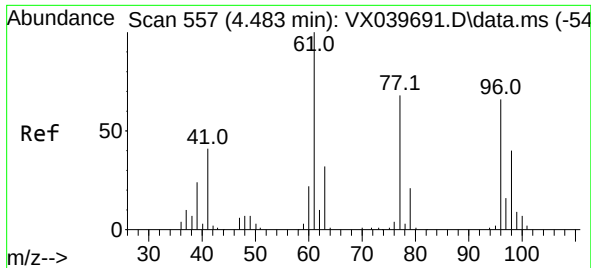
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#26
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

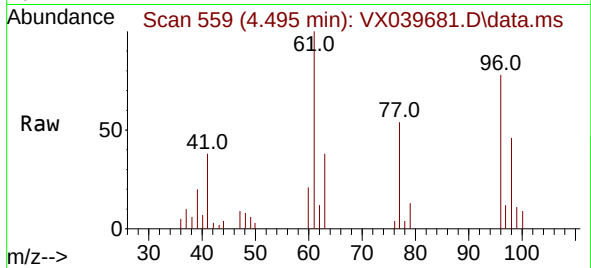
Tgt Ion: 77 Resp: 10588
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 5.119 ug/l
 RT: 4.495 min Scan# 557
 Delta R.T. 0.012 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

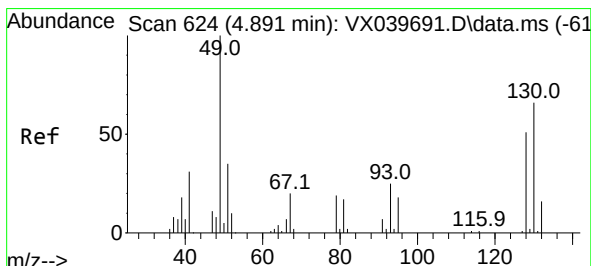
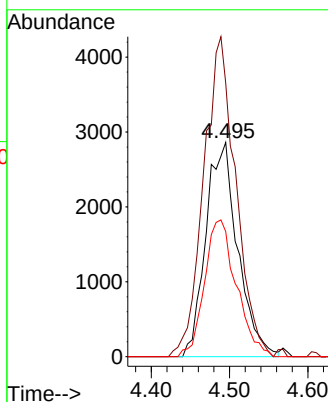
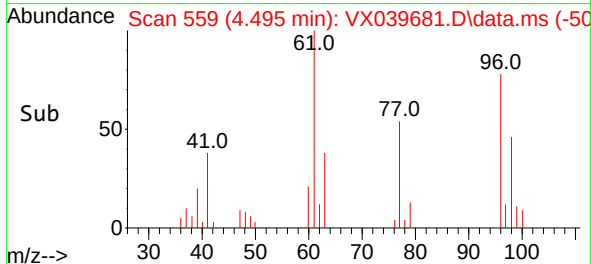
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 810
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 312.2
 98 63.7 0.0 129.0

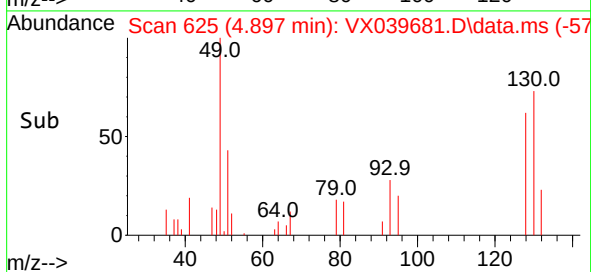
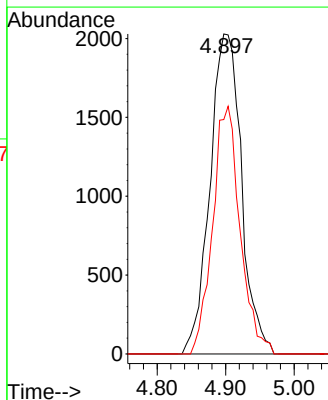
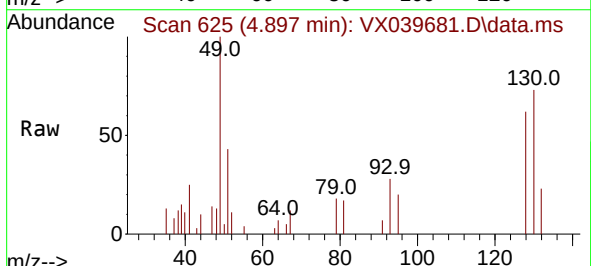
Manual Integrations
 APPROVED

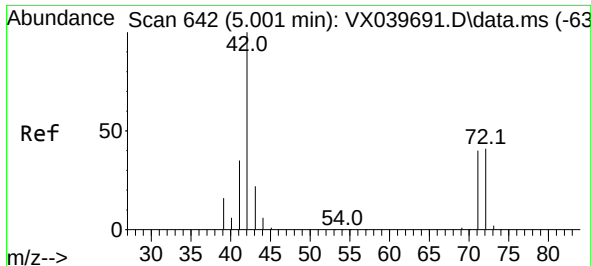
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#28
 Bromochloromethane
 Concen: 5.215 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

Tgt Ion: 49 Resp: 6473
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 67.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 25.967 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

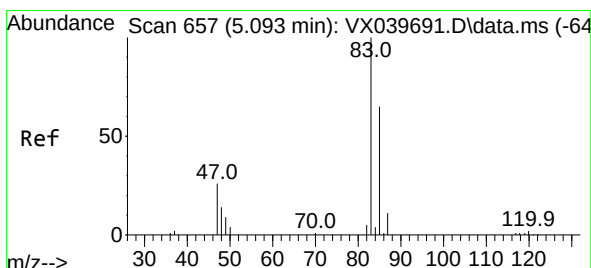
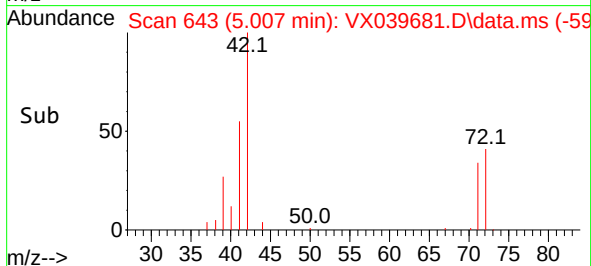
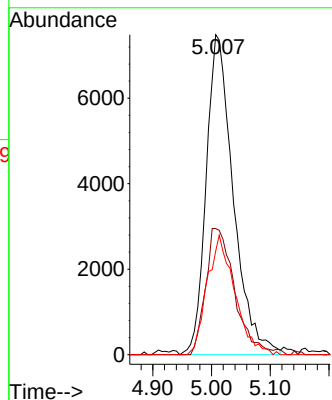
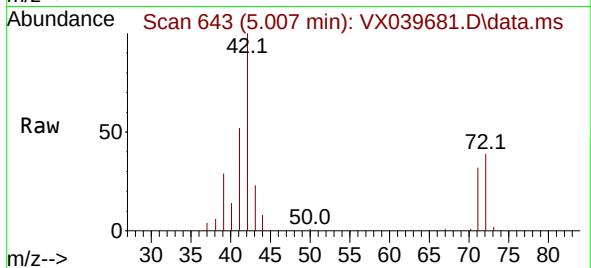
Tgt Ion:	42	Resp:	23978
Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.4
71	38.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#30

Chloroform

Concen: 4.975 ug/l

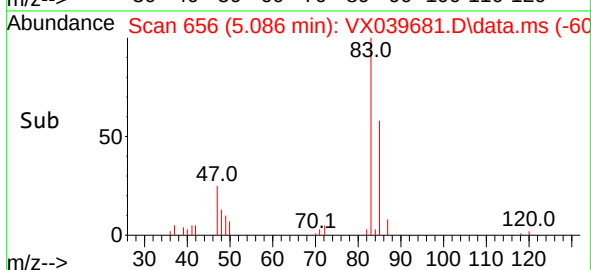
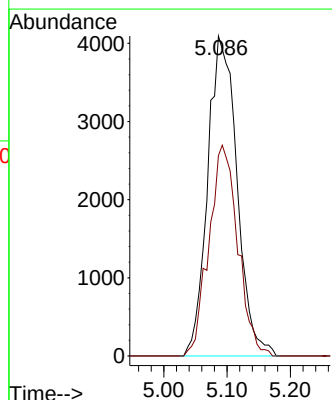
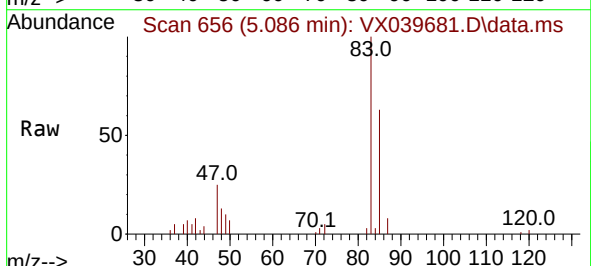
RT: 5.086 min Scan# 656

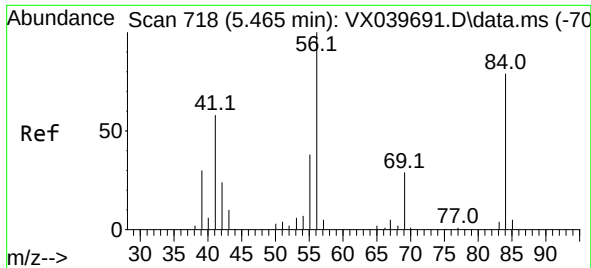
Delta R.T. -0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

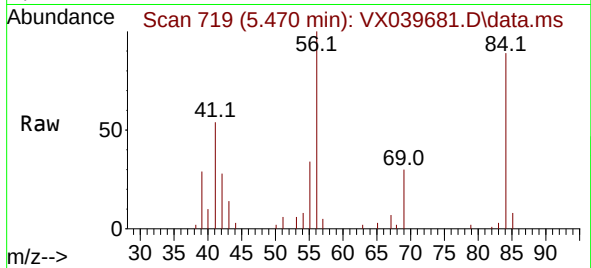
Tgt Ion:	83	Resp:	13167
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.3	75.5





#31
Cyclohexane
Concen: 4.958 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

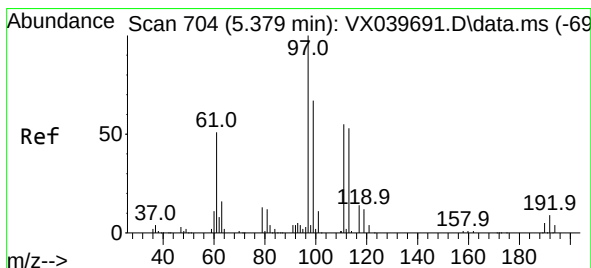
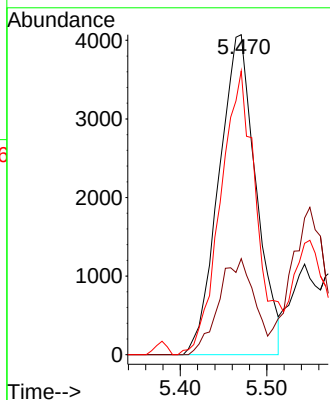
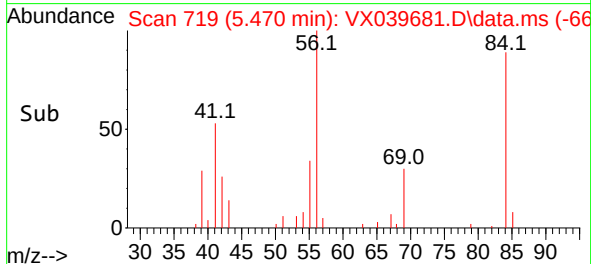
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



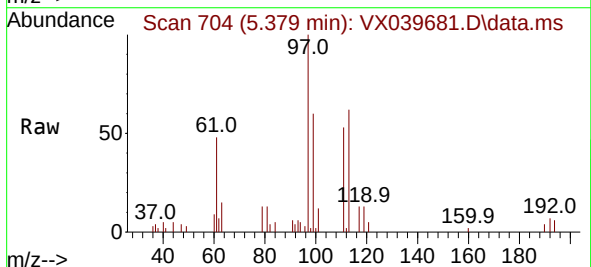
Tgt Ion: 56 Resp: 1210
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 88.7 65.9 98.9

Manual Integrations
APPROVED

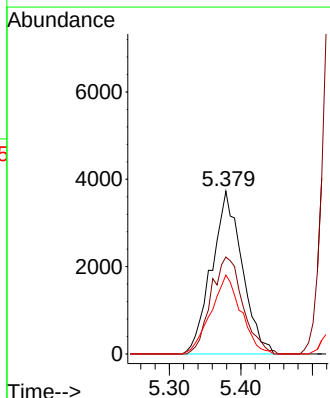
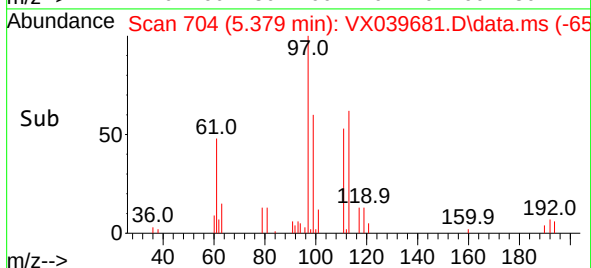
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

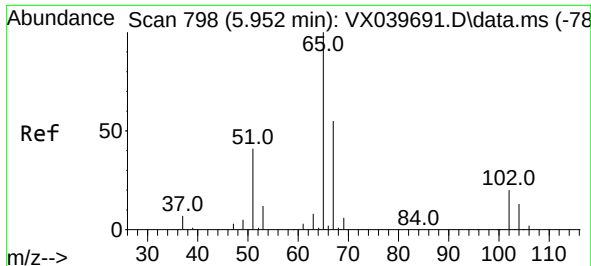


#32
1,1,1-Trichloroethane
Concen: 4.892 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07



Tgt Ion: 97 Resp: 11010
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.527 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 992

Ion Ratio Lower Upper

65 100

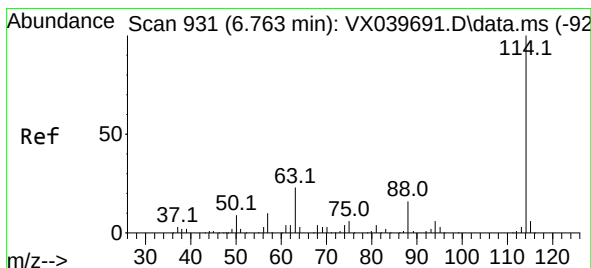
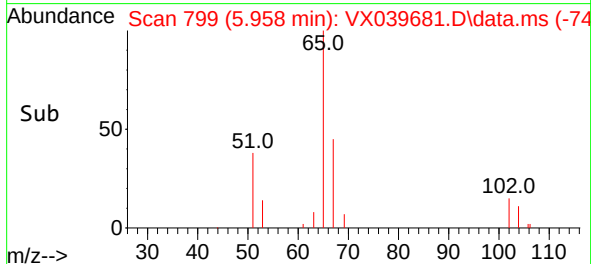
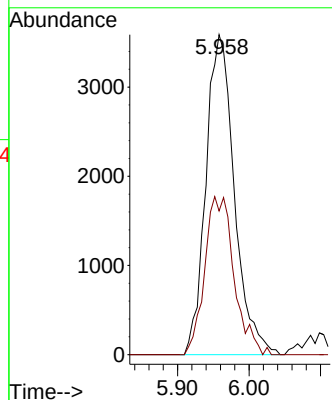
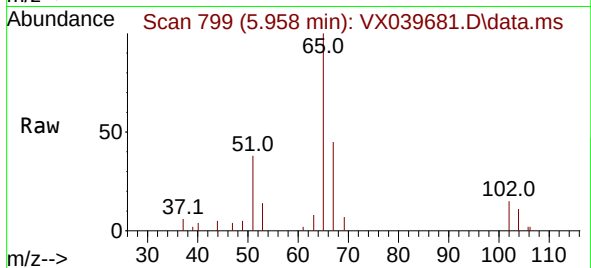
67 50.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

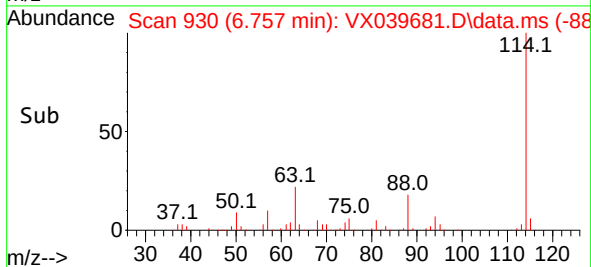
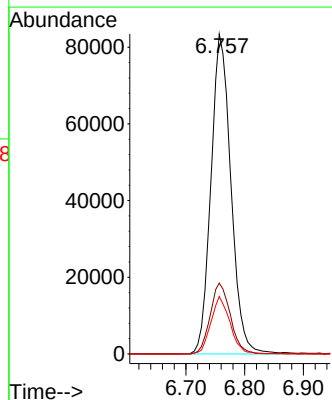
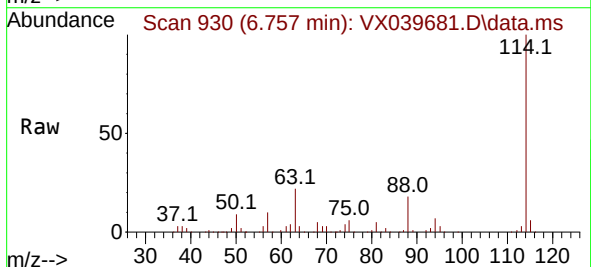
Tgt Ion:114 Resp: 196724

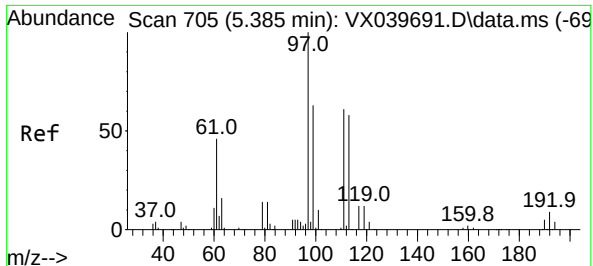
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 18.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.110 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039681.D

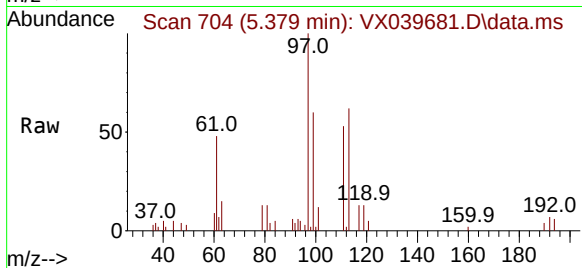
Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



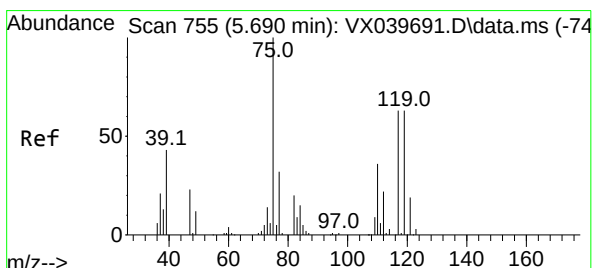
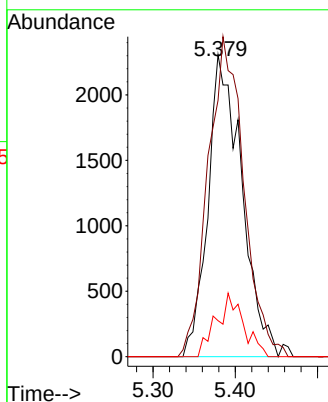
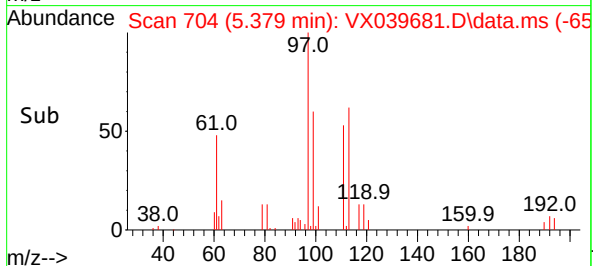
Tgt Ion:	113	Resp:	656
Ion	Ratio	Lower	Upper
113	100		
111	112.1	82.9	124.3
192	17.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#36

1,1-Dichloropropene

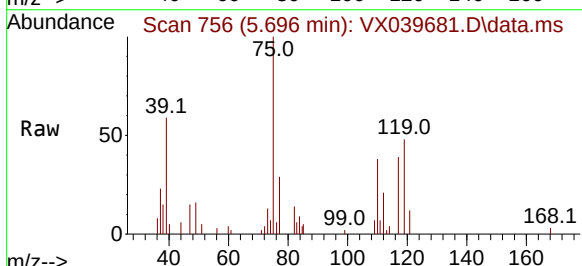
Concen: 4.677 ug/l

RT: 5.696 min Scan# 756

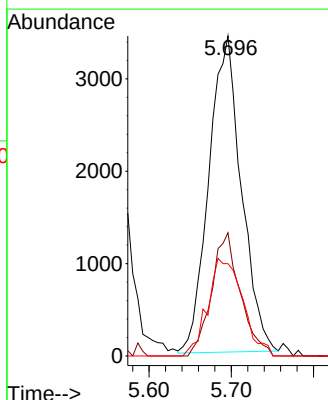
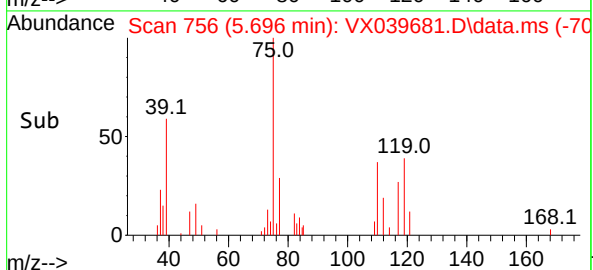
Delta R.T. 0.006 min

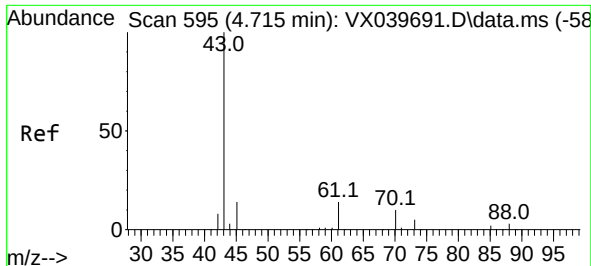
Lab File: VX039681.D

Acq: 09 Jan 2024 16:07



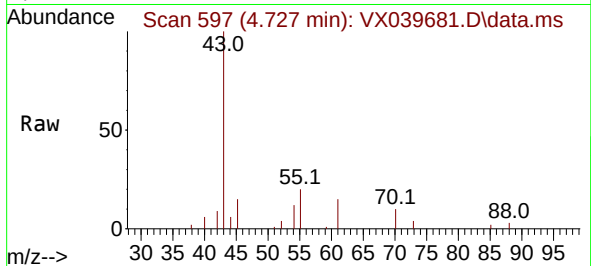
Tgt Ion:	75	Resp:	9404
Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.0	50.9
77	33.0	24.7	37.1





#37
Ethyl Acetate
Concen: 4.881 ug/l
RT: 4.727 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

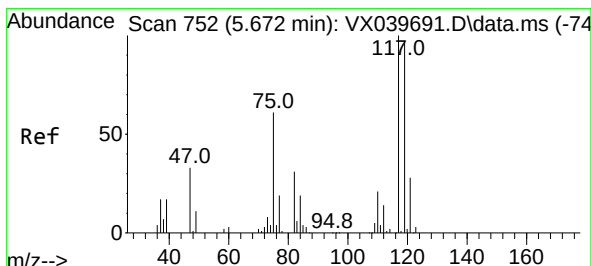
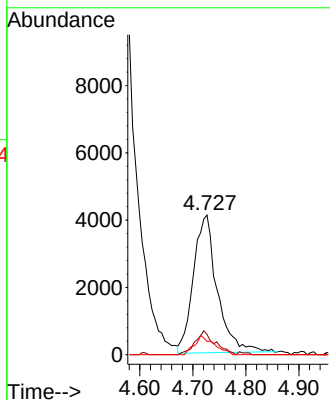
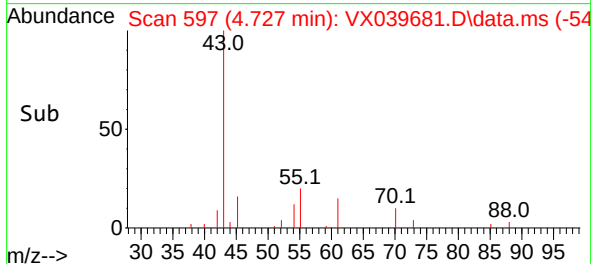
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.3 8.3 12.5

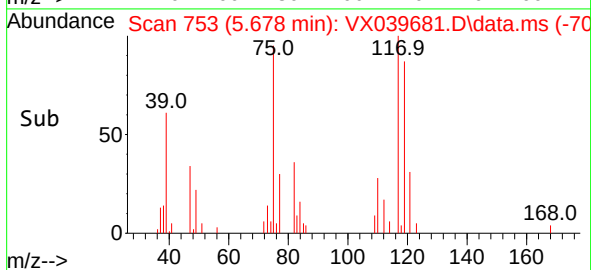
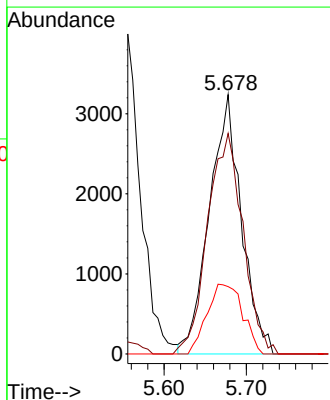
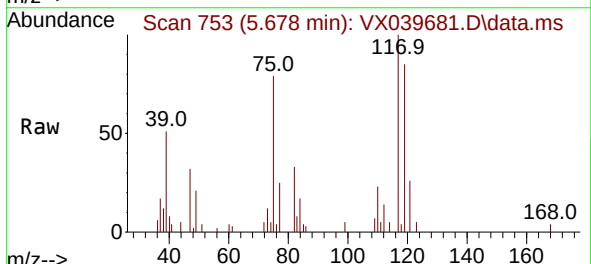
Manual Integrations
APPROVED

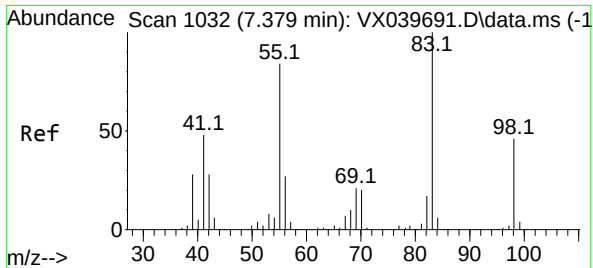
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#38
Carbon Tetrachloride
Concen: 4.630 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:117 Resp: 8767
Ion Ratio Lower Upper
117 100
119 85.0 78.2 117.2
121 26.0 24.4 36.6





#39
Methylcyclohexane
Concen: 5.117 ug/l
RT: 7.372 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

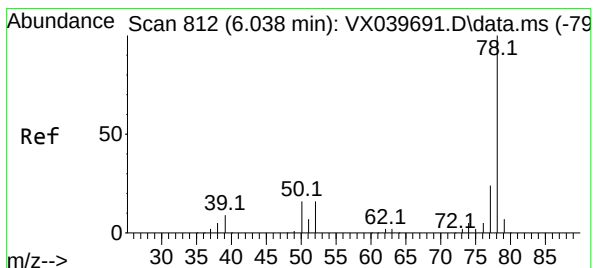
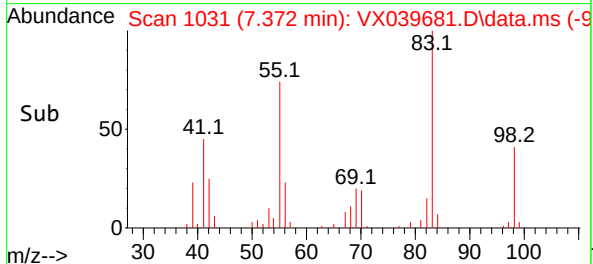
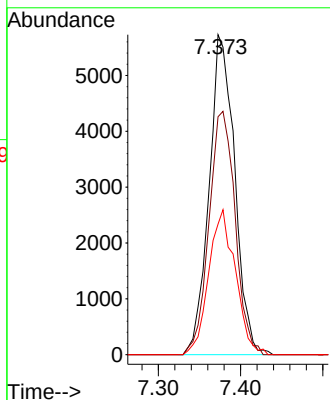
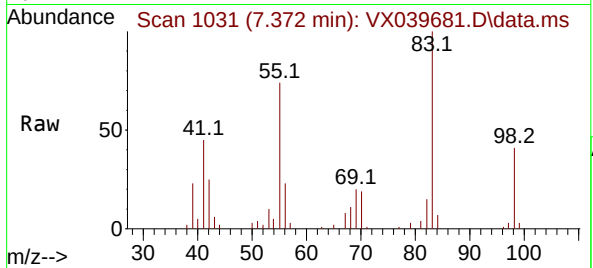
Tgt Ion: 83 Resp: 12400
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 40.8 36.7 55.1

Manual Integrations

APPROVED

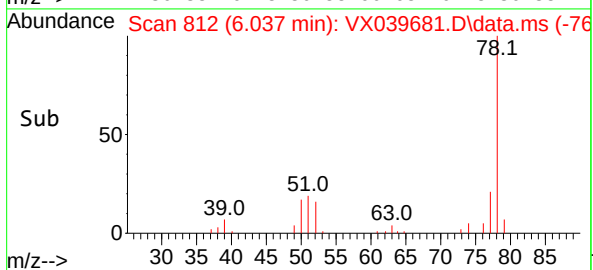
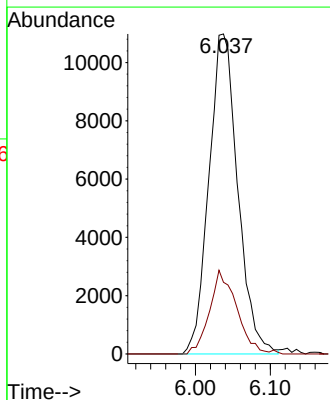
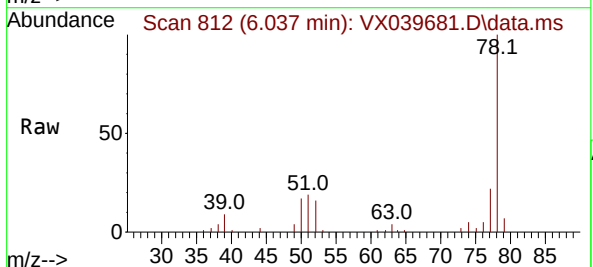
Reviewed By :John Carlone 01/10/2024

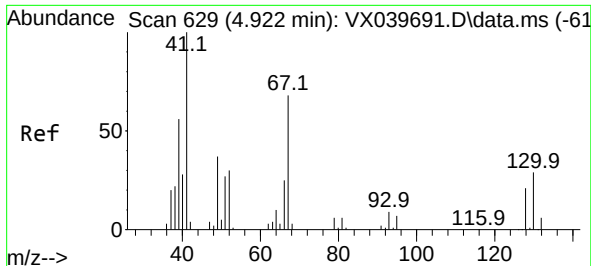
Supervised By :Mahesh Dadoda 01/10/2024



#40
Benzene
Concen: 5.089 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 78 Resp: 29539
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 4.926 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

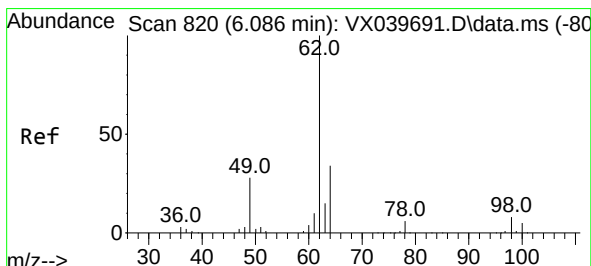
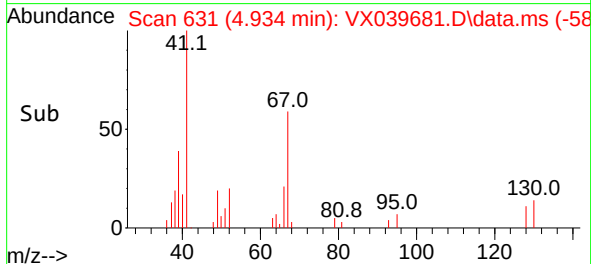
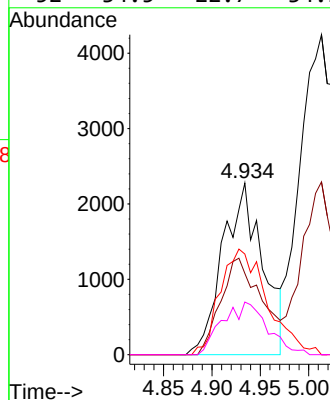
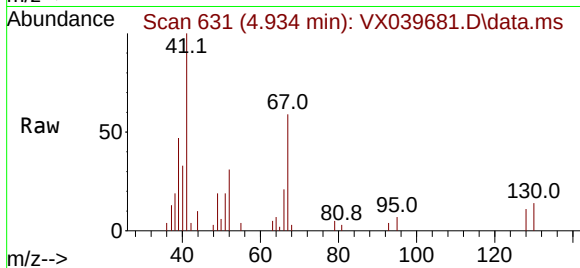
Tgt Ion: 41 Resp: 6539
Ion Ratio Lower Upper
41 100
39 57.7 45.2 67.8
67 72.6 52.6 78.8
52 34.5 22.7 34.1#

Manual Integrations

APPROVED

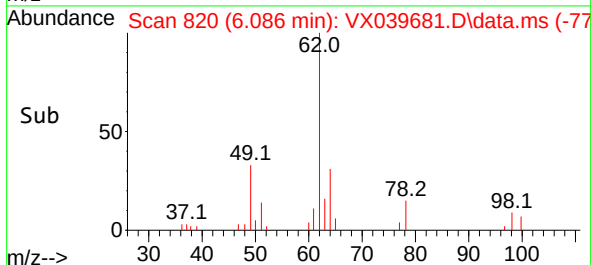
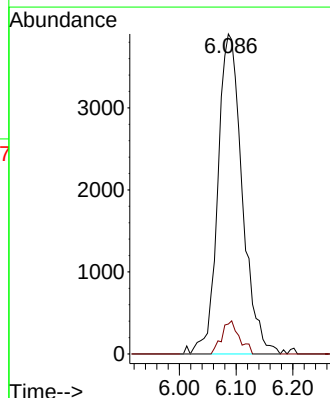
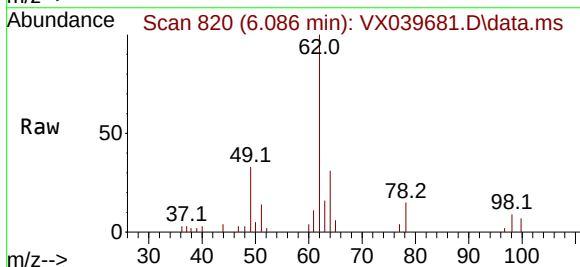
Reviewed By :John Carlone 01/10/2024

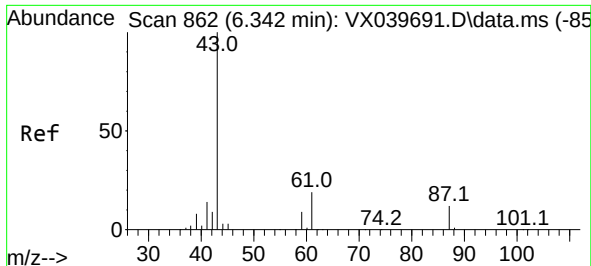
Supervised By :Mahesh Dadoda 01/10/2024



#42
1,2-Dichloroethane
Concen: 5.193 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 62 Resp: 11661
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 5.012 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

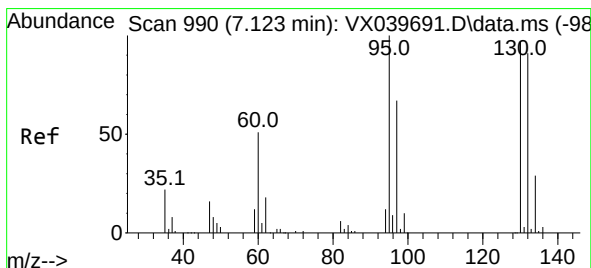
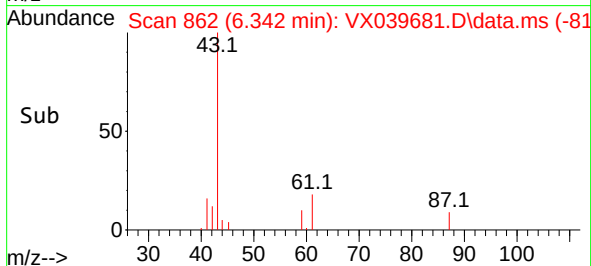
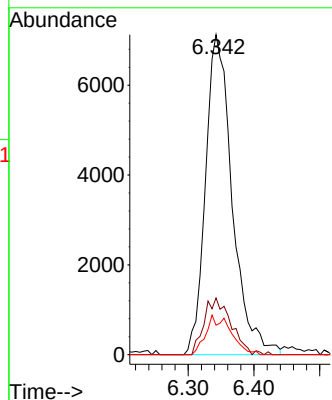
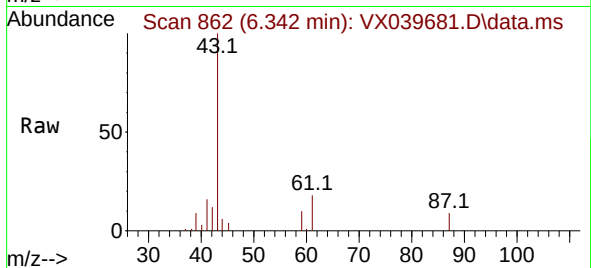
Tgt Ion: 43	Resp: 2013
Ion Ratio	Lower Upper
43 100	
61 18.0	15.2 22.8
87 11.5	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#44

Trichloroethene

Concen: 5.015 ug/l

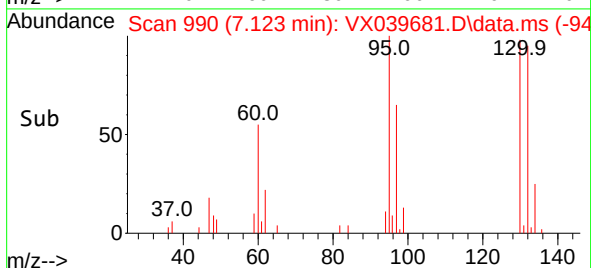
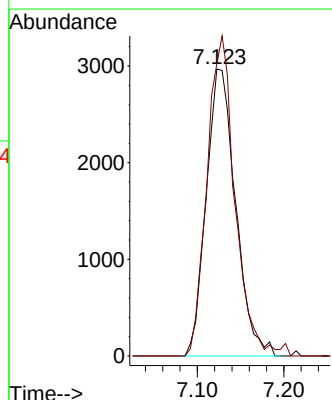
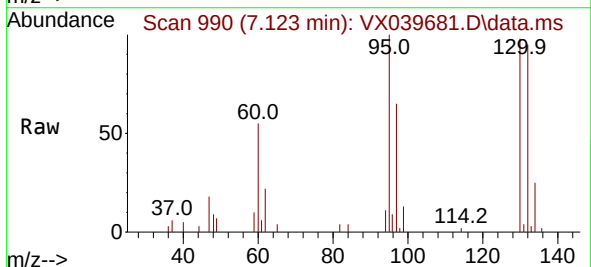
RT: 7.123 min Scan# 990

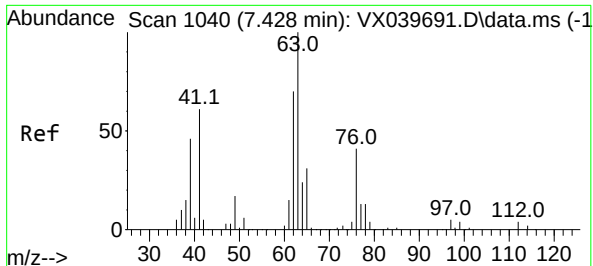
Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Tgt Ion:130	Resp: 6995
Ion Ratio	Lower Upper
130 100	
95 101.9	0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.108 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 808

Ion Ratio Lower Upper

63 100

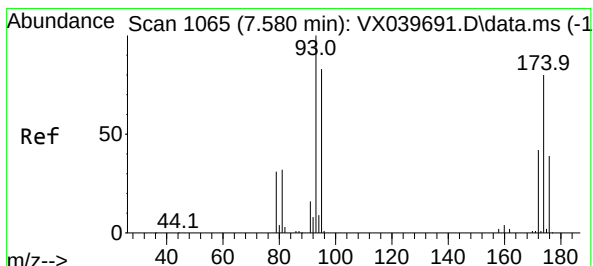
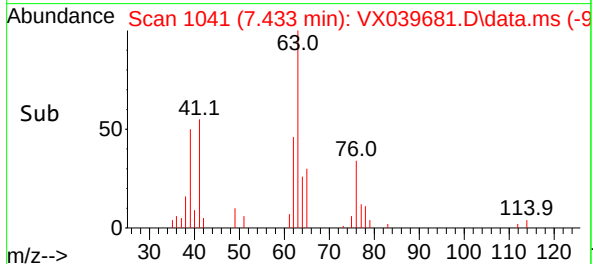
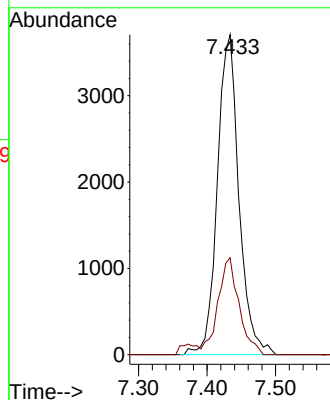
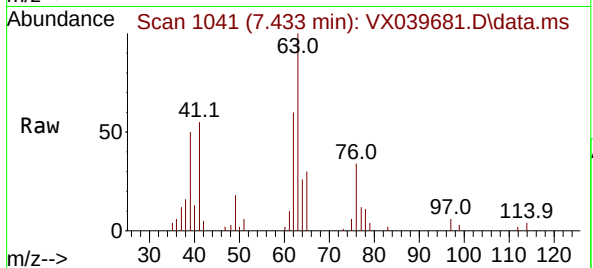
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#46

Dibromomethane

Concen: 4.959 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

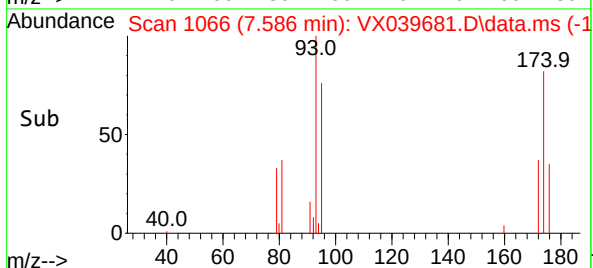
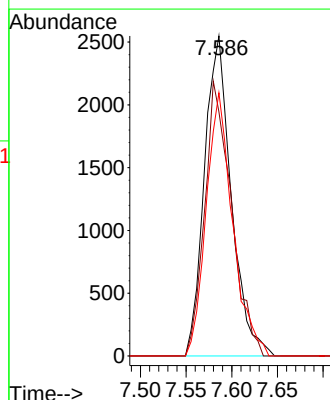
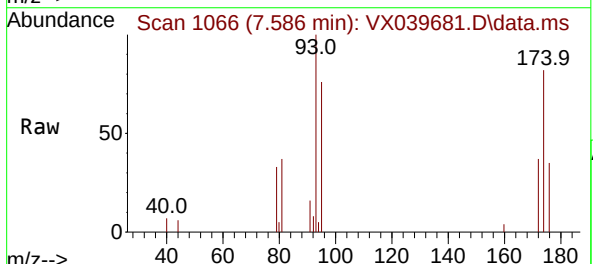
Tgt Ion: 93 Resp: 5205

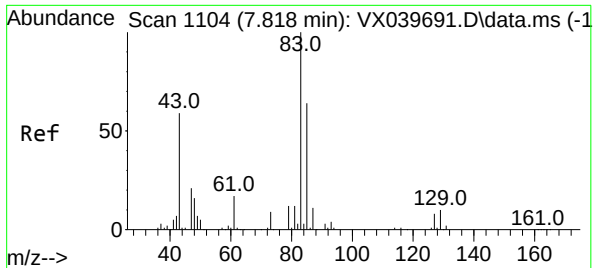
Ion Ratio Lower Upper

93 100

95 85.6 66.6 100.0

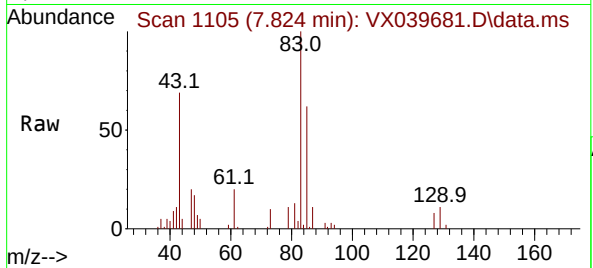
174 81.3 69.4 104.0





#47
Bromodichloromethane
Concen: 4.750 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

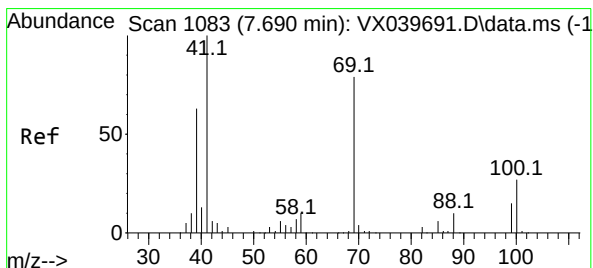
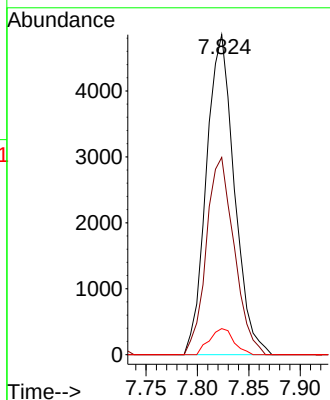
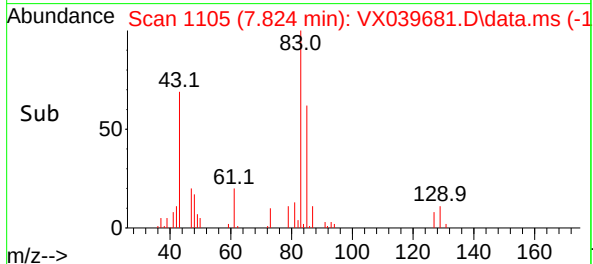
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



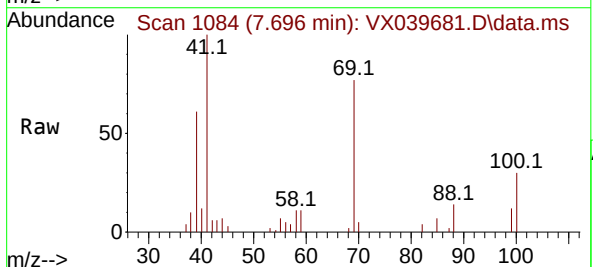
Tgt Ion: 83 Resp: 919
Ion Ratio Lower Upper
83 100
85 61.6 49.8 74.6
127 8.2 7.1 10.7

Manual Integrations
APPROVED

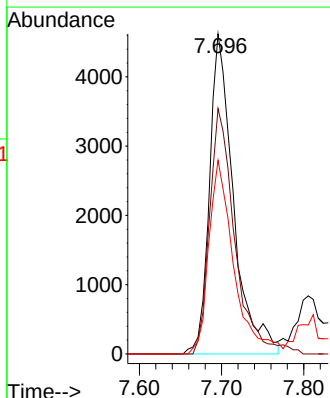
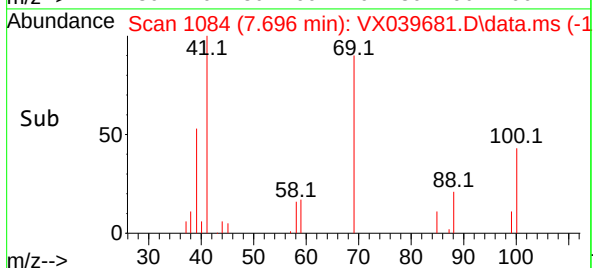
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

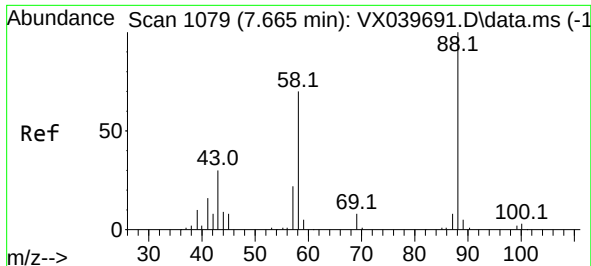


#48
Methyl methacrylate
Concen: 4.944 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07



Tgt Ion: 41 Resp: 9396
Ion Ratio Lower Upper
41 100
69 80.5 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 101.884 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

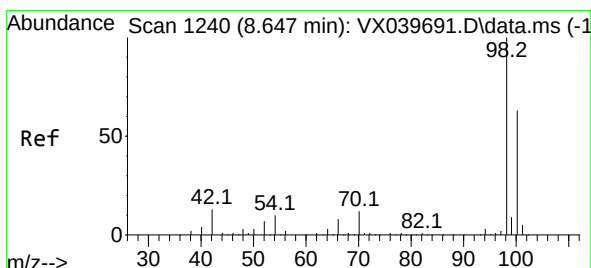
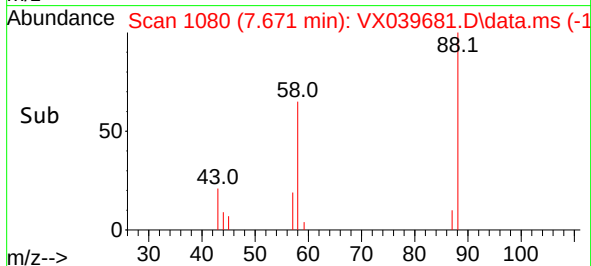
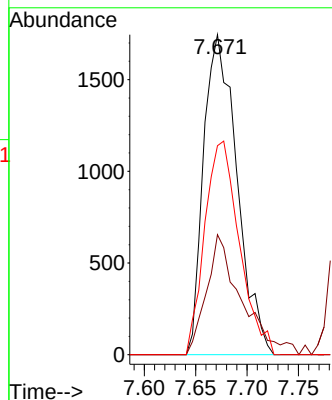
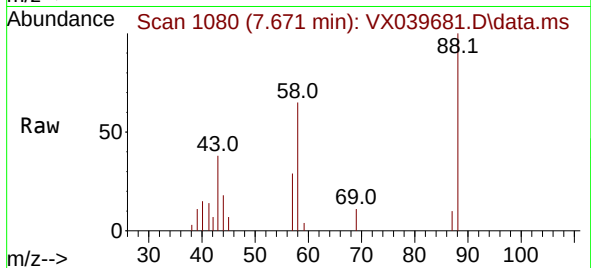
Tgt Ion: 88 Resp: 3939
 Ion Ratio Lower Upper
 88 100
 43 39.2 0.0 0.0
 58 69.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#50

Toluene-d8

Concen: 5.349 ug/l

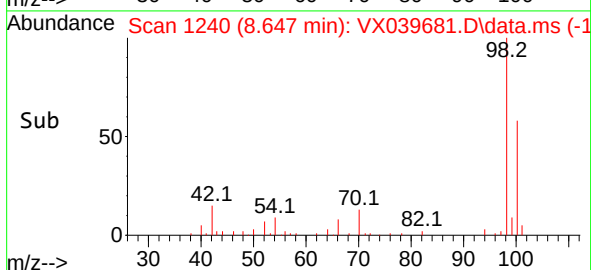
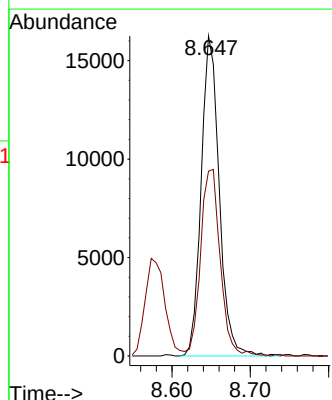
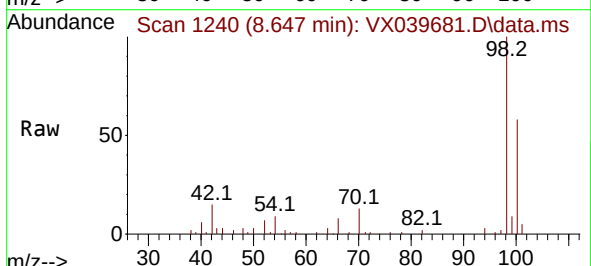
RT: 8.647 min Scan# 1240

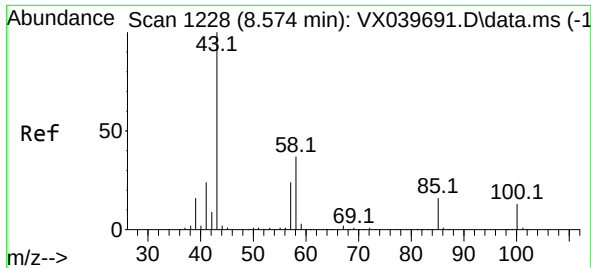
Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Tgt Ion: 98 Resp: 26050
 Ion Ratio Lower Upper
 98 100
 100 63.2 53.1 79.7





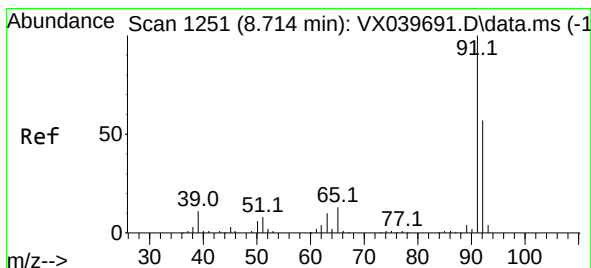
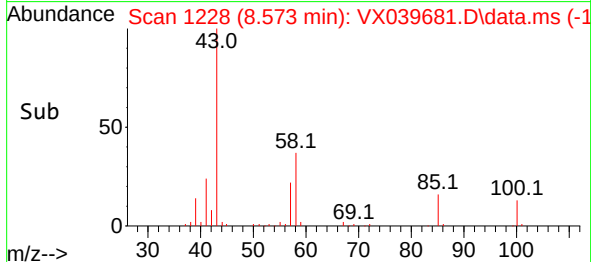
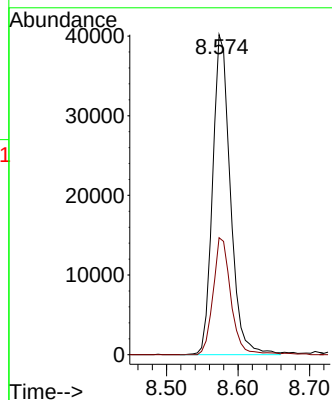
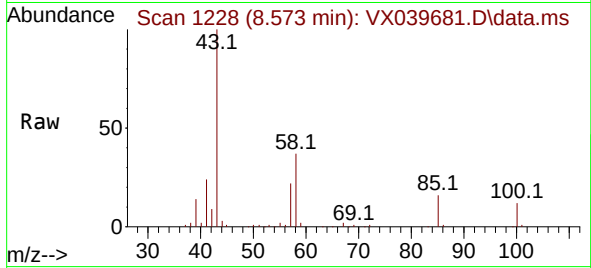
#51
4-Methyl-2-Pentanone
Concen: 25.842 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 69098
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

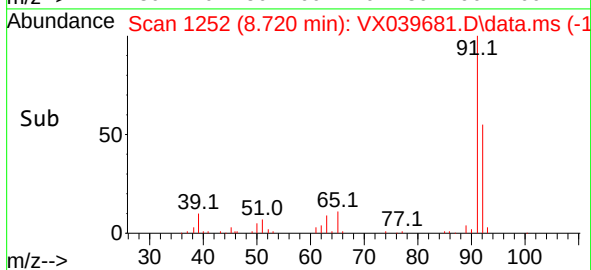
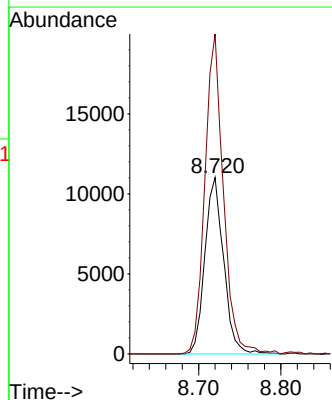
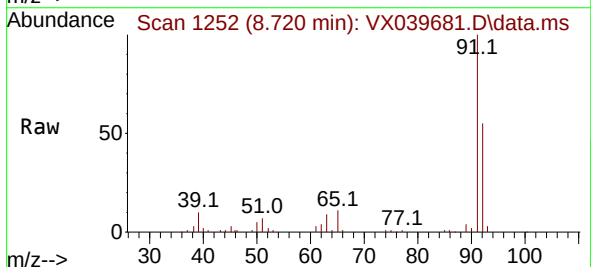
Manual Integrations
APPROVED

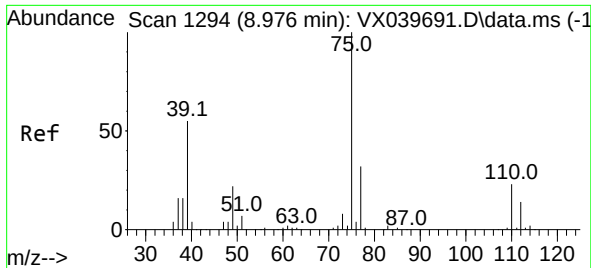
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#52
Toluene
Concen: 5.007 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 92 Resp: 17523
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 4.211 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

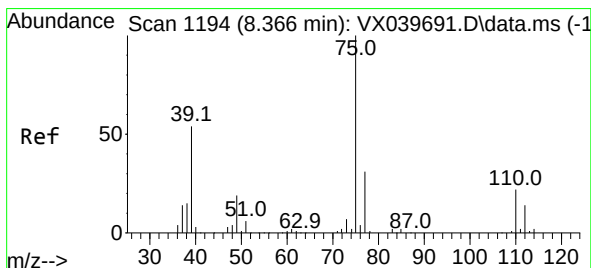
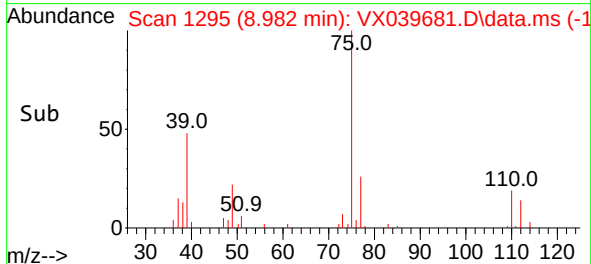
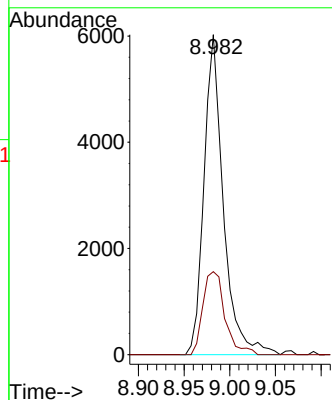
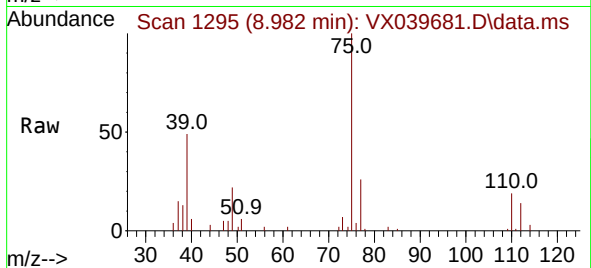
VSTDICC005

Tgt Ion: 75 Resp: 8878
 Ion Ratio Lower Upper
 75 100
 77 25.9 25.7 38.5

Manual Integrations

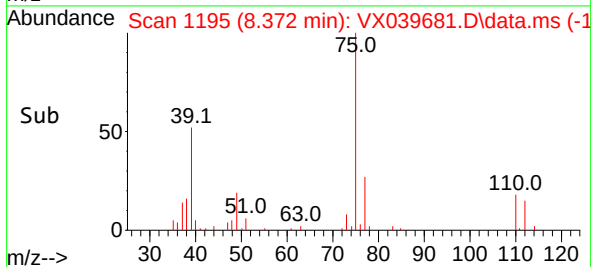
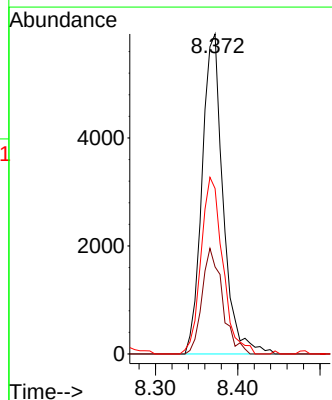
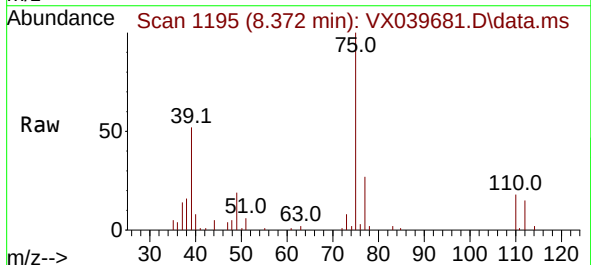
APPROVED

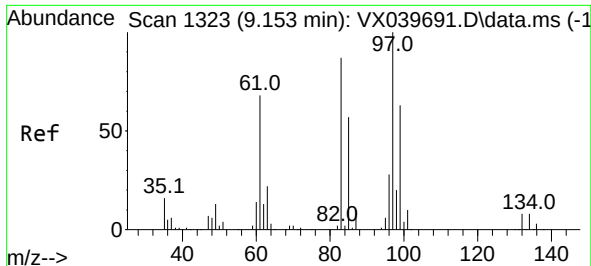
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#54
 cis-1,3-Dichloropropene
 Concen: 4.598 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

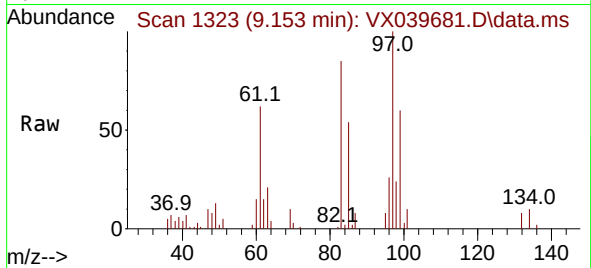
Tgt Ion: 75 Resp: 10522
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.3 37.9
 39 51.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.058 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

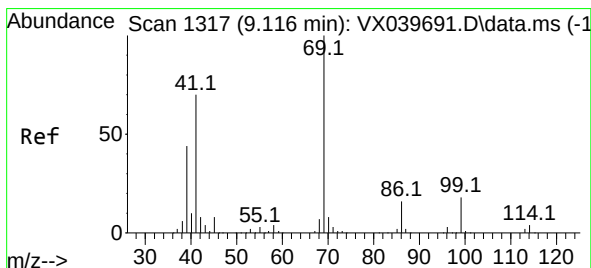
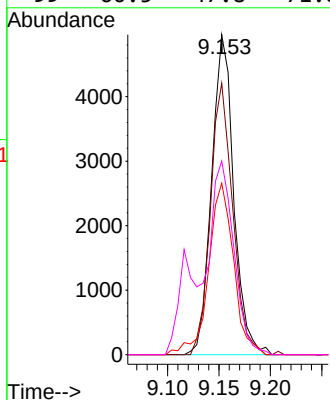
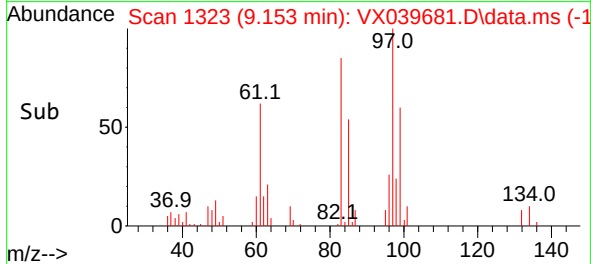
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



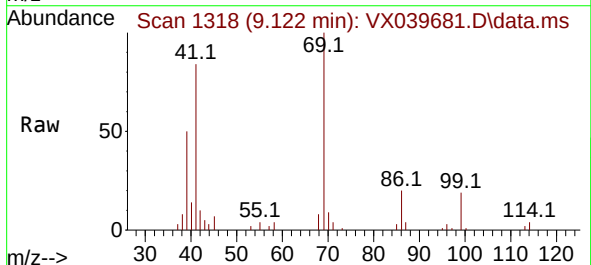
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.8	98.8
85	53.6	41.6	62.4
99	60.5	47.8	71.8

Manual Integrations
APPROVED

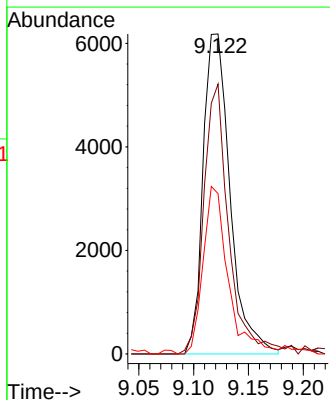
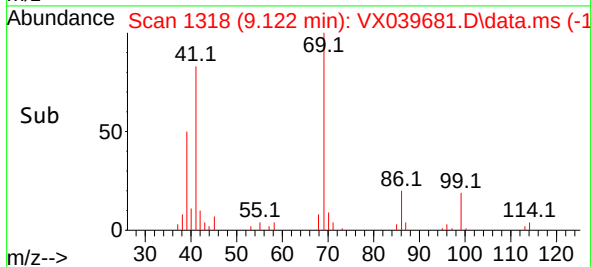
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

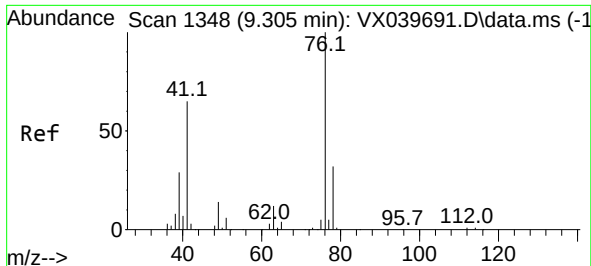


#56
Ethyl methacrylate
Concen: 4.495 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07



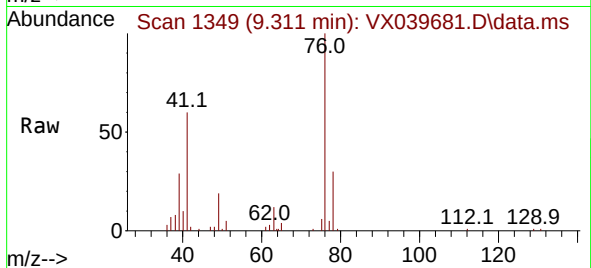
Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.0	56.8	85.2
39	48.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 5.157 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

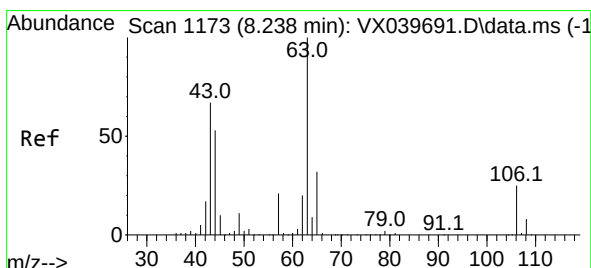
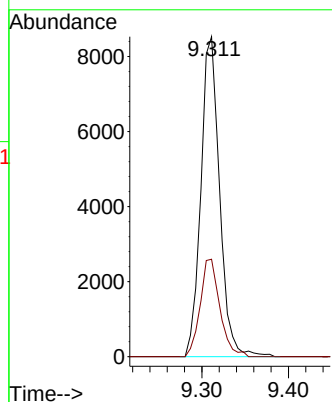
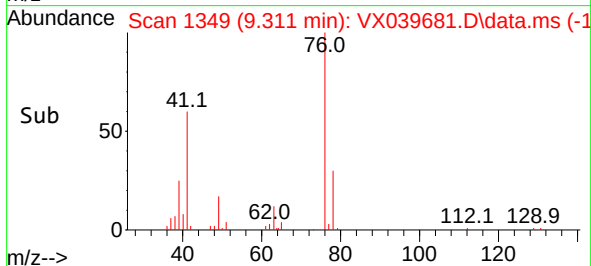
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 1279
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

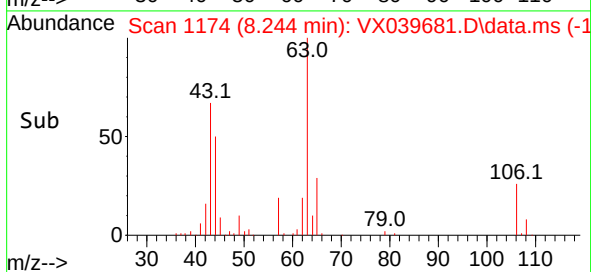
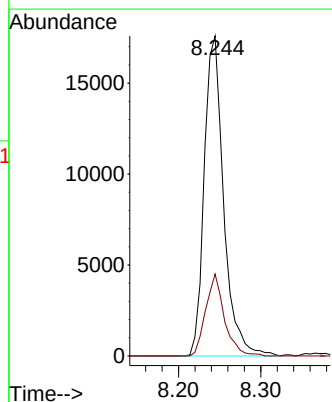
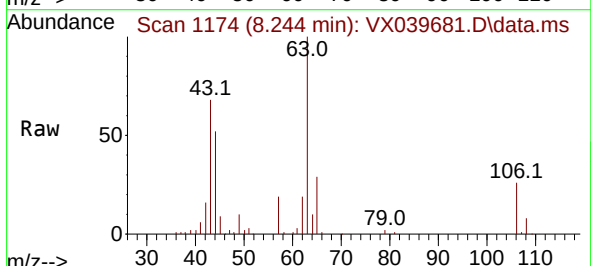
Manual Integrations
APPROVED

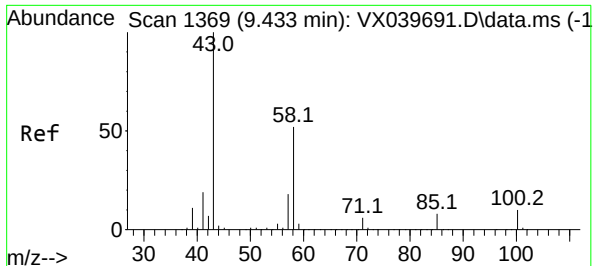
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.977 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 63 Resp: 28850
Ion Ratio Lower Upper
63 100
106 24.6 22.5 33.7





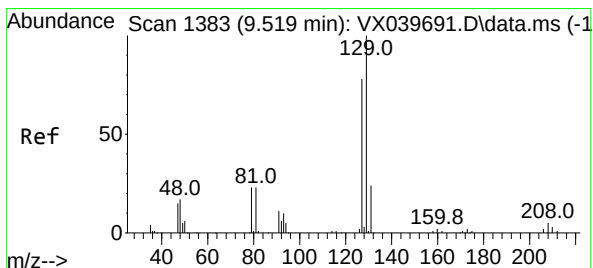
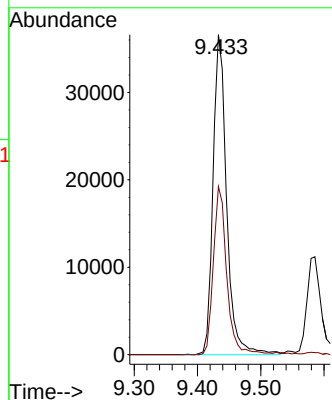
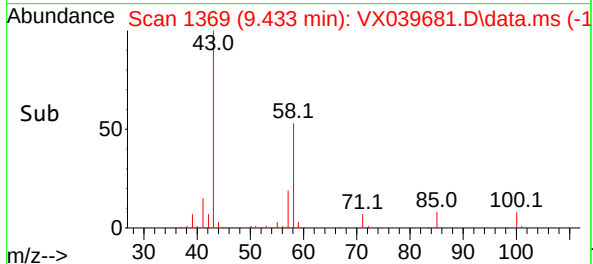
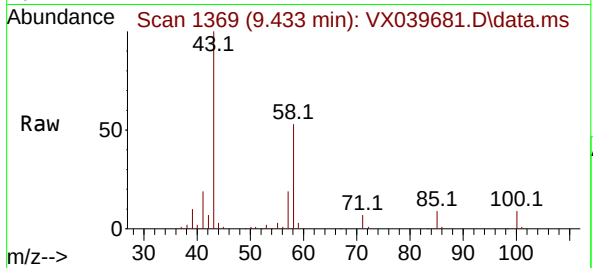
#59
2-Hexanone
Concen: 25.586 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5455
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5

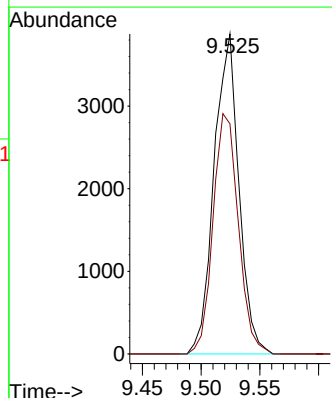
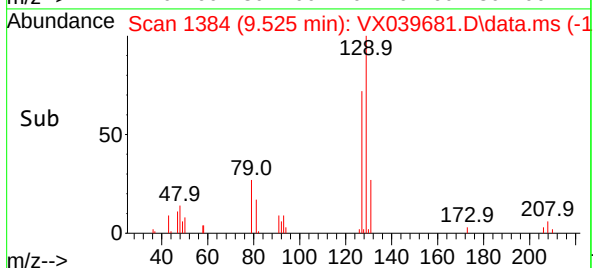
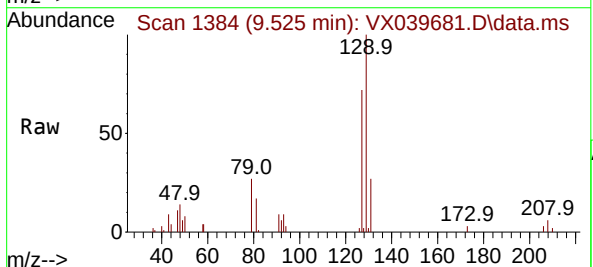
Manual Integrations
APPROVED

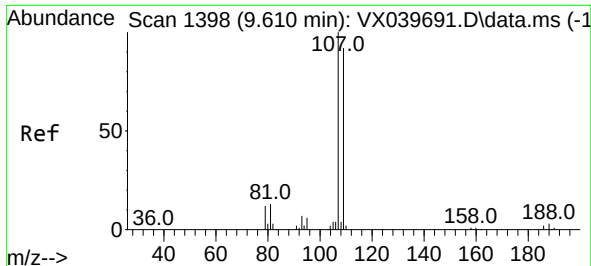
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#60
Dibromochloromethane
Concen: 4.286 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:129 Resp: 5683
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 5.001 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

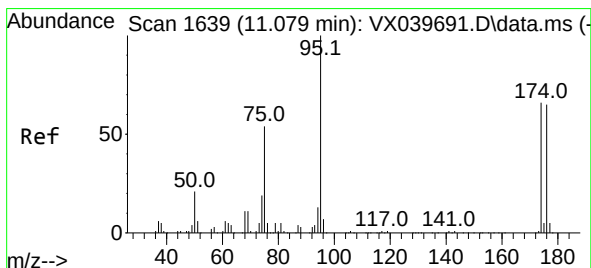
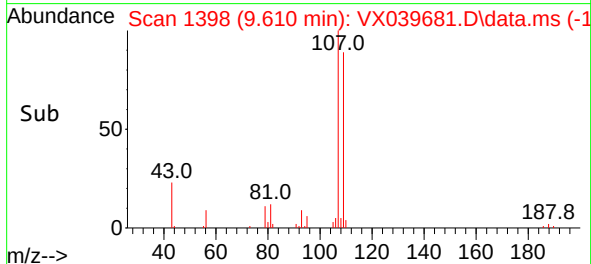
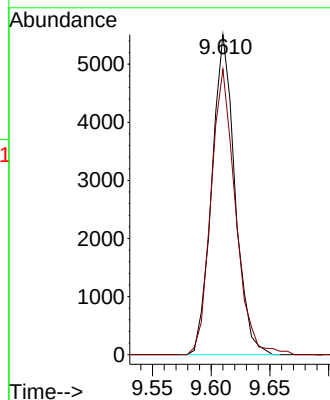
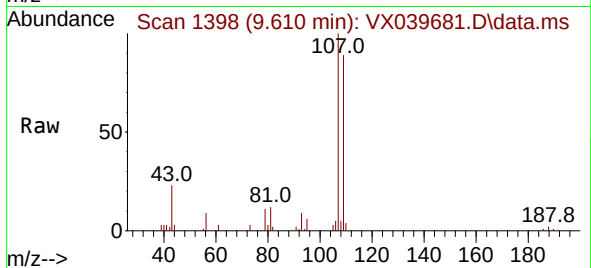
Tgt Ion:107 Resp: 755
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#62

4-Bromofluorobenzene

Concen: 4.786 ug/l

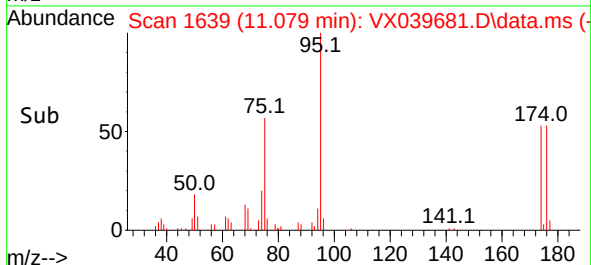
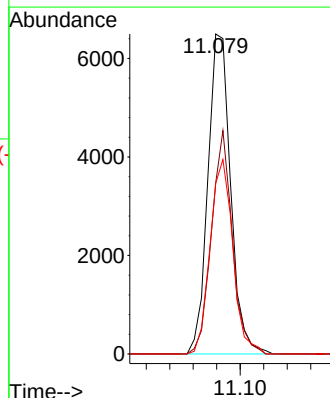
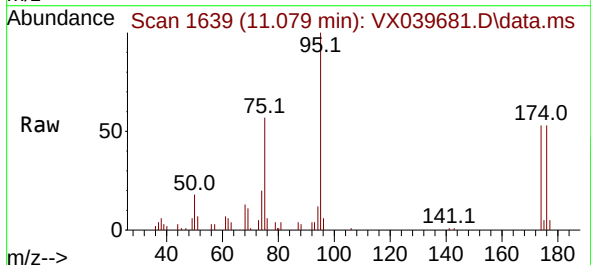
RT: 11.079 min Scan# 1639

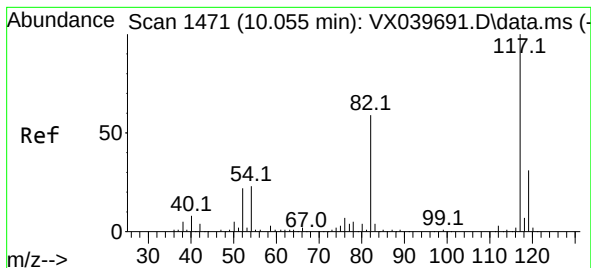
Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

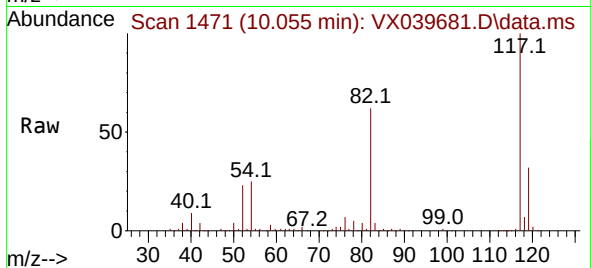
Tgt Ion: 95 Resp: 8727
 Ion Ratio Lower Upper
 95 100
 174 63.8 0.0 135.6
 176 60.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

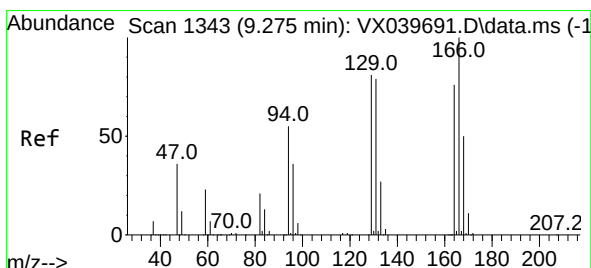
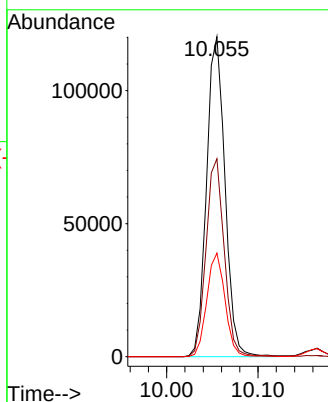
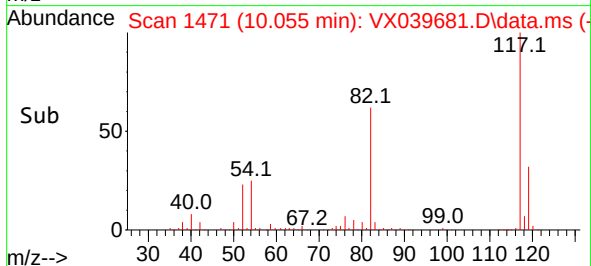
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 168244
Ion Ratio Lower Upper
117 100
82 61.9 46.2 69.4
119 32.3 25.5 38.3

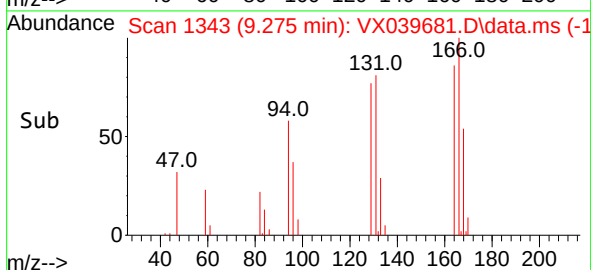
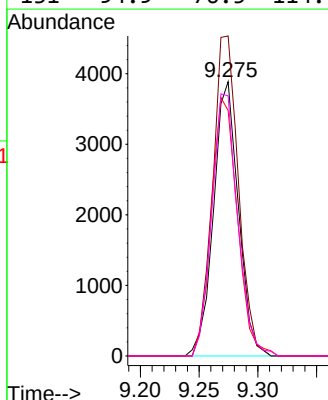
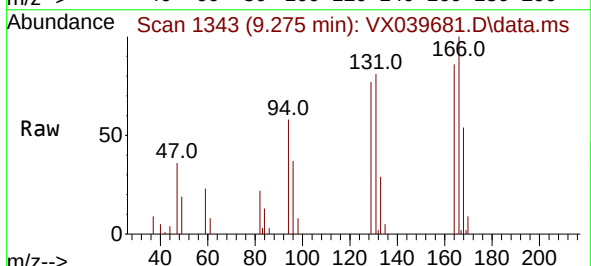
Manual Integrations
APPROVED

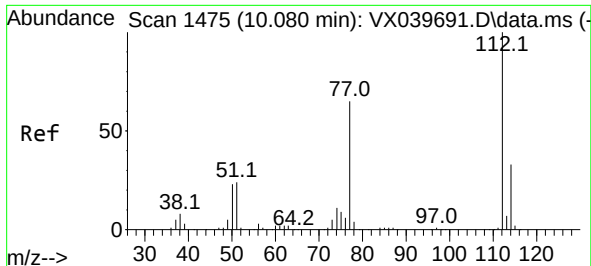
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#64
Tetrachloroethene
Concen: 5.386 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:164 Resp: 5722
Ion Ratio Lower Upper
164 100
166 116.7 102.7 154.1
129 89.5 80.4 120.6
131 94.9 76.5 114.7





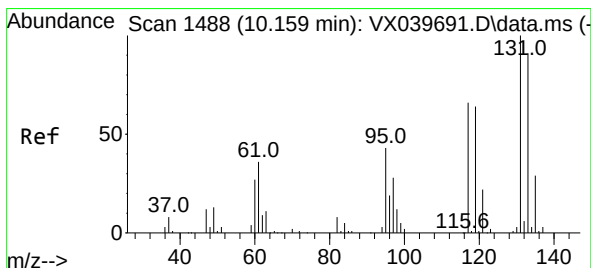
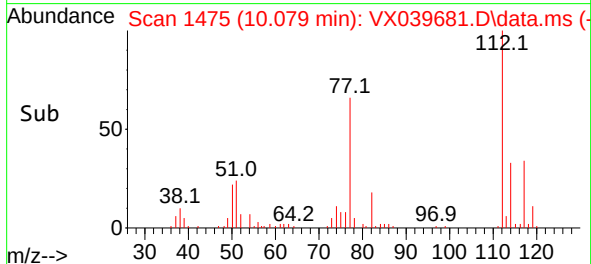
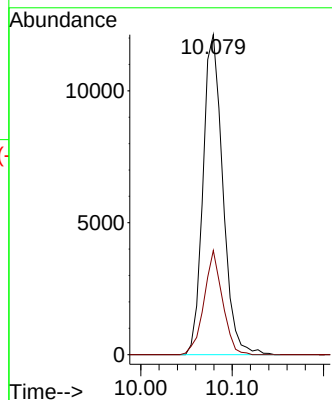
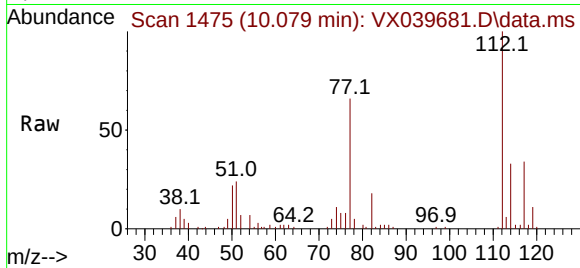
#65
Chlorobenzene
Concen: 5.228 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 18260
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

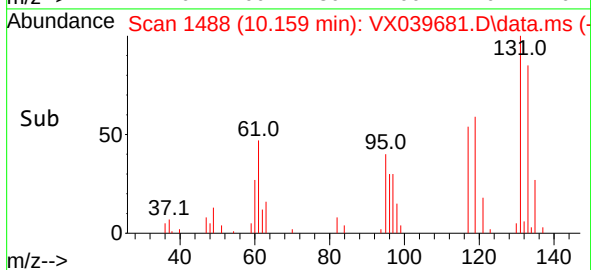
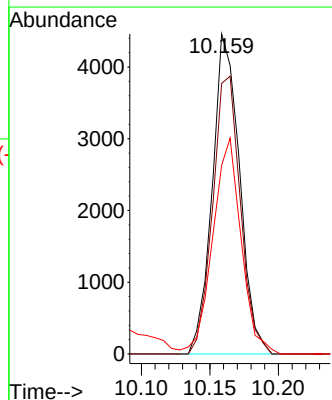
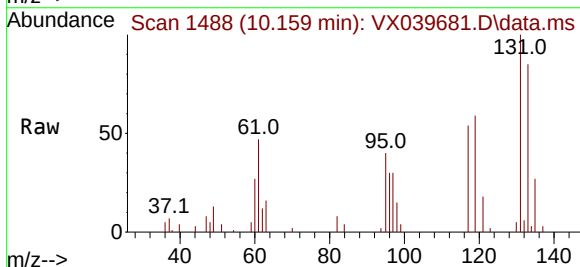
Manual Integrations
APPROVED

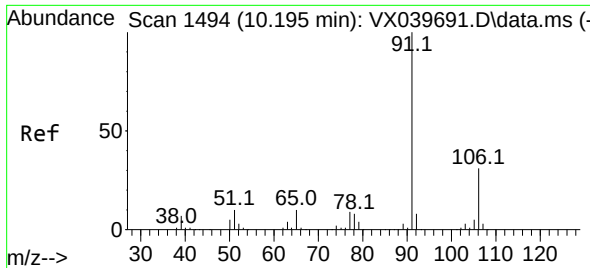
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.038 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:131 Resp: 6162
Ion Ratio Lower Upper
131 100
133 88.3 47.1 141.4
119 70.1 32.2 96.6





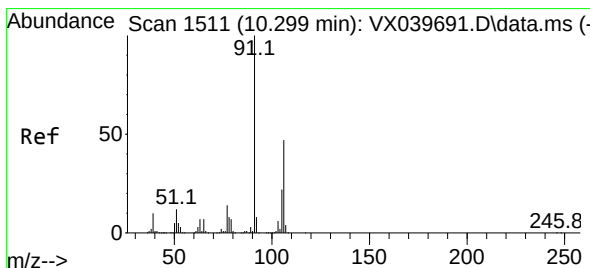
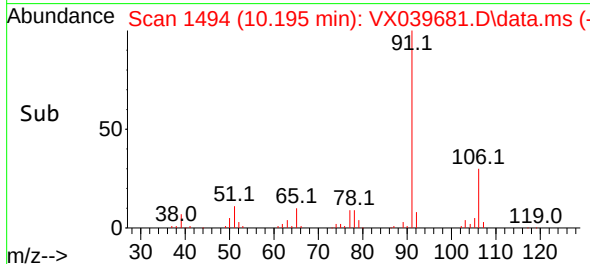
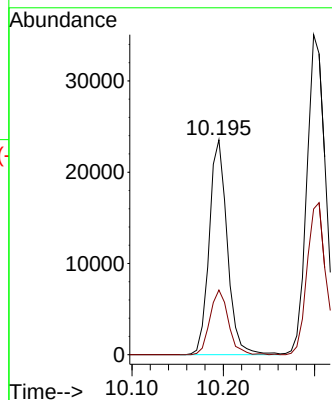
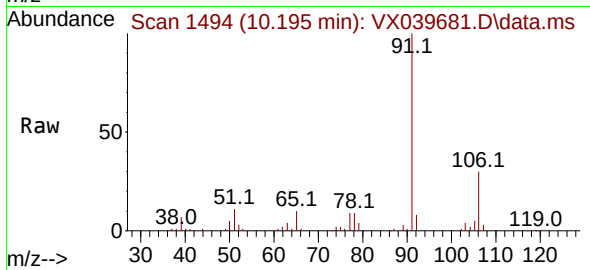
#67
Ethyl Benzene
Concen: 4.996 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 32340
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

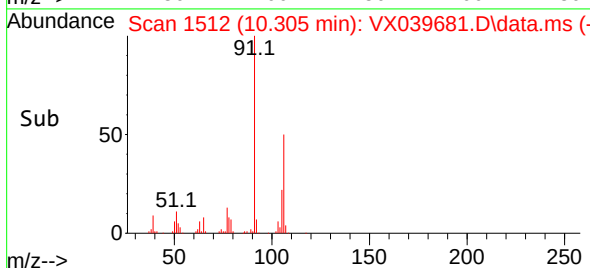
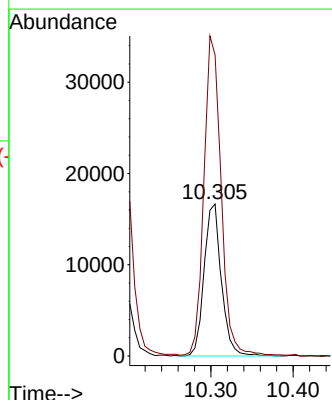
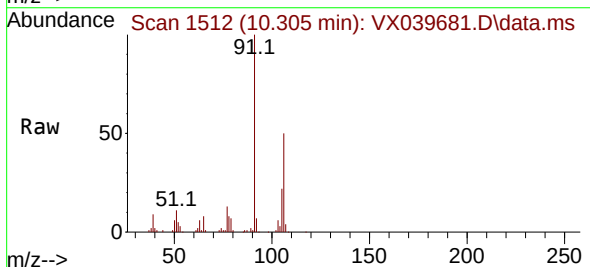
Manual Integrations
APPROVED

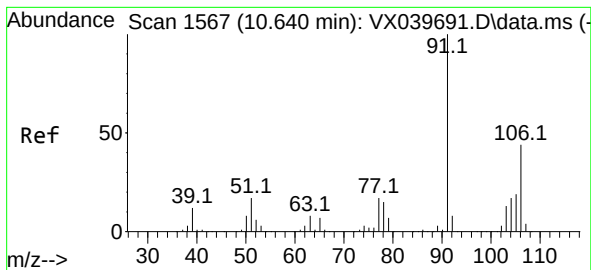
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#68
m/p-Xylenes
Concen: 10.189 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:106 Resp: 24304
Ion Ratio Lower Upper
106 100
91 208.8 165.5 248.3





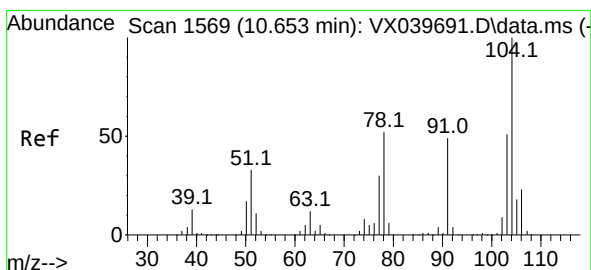
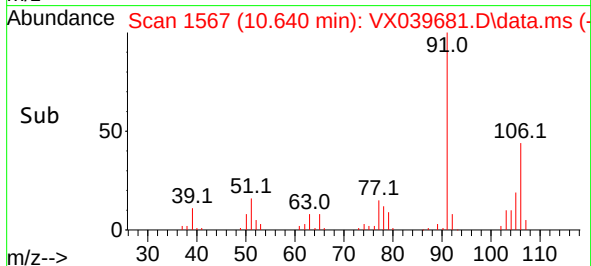
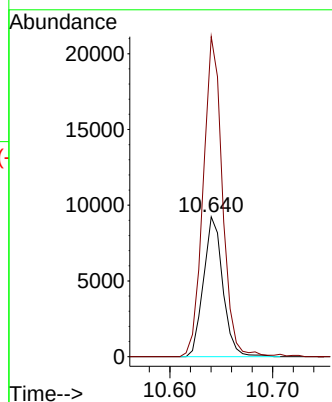
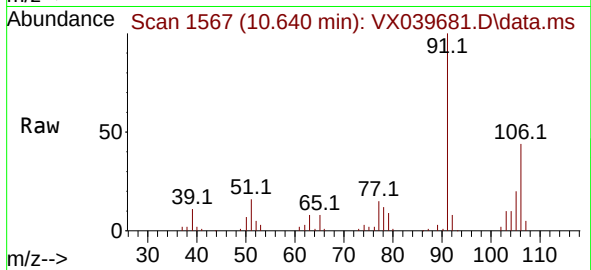
#69
o-Xylene
Concen: 5.109 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 12094
Ion Ratio Lower Upper
106 100
91 227.2 108.9 326.8

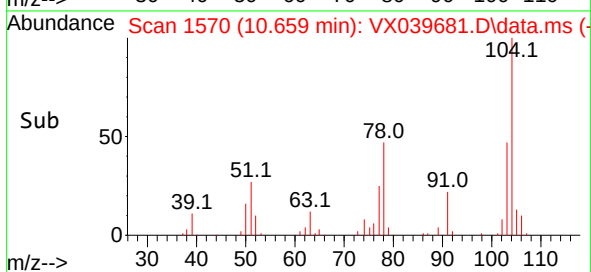
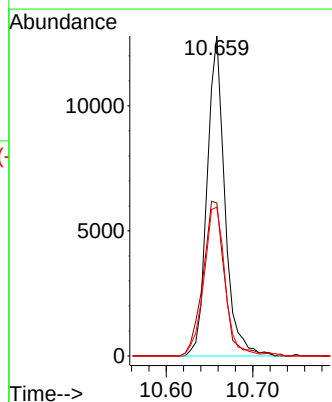
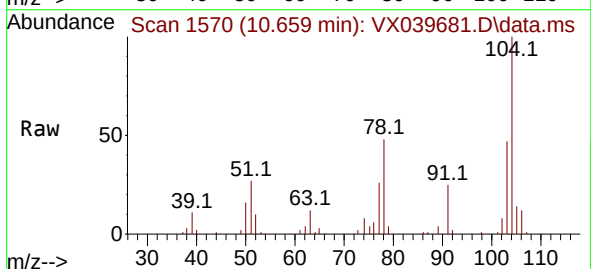
Manual Integrations
APPROVED

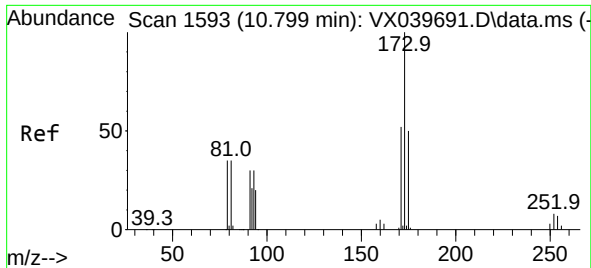
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#70
Styrene
Concen: 4.807 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

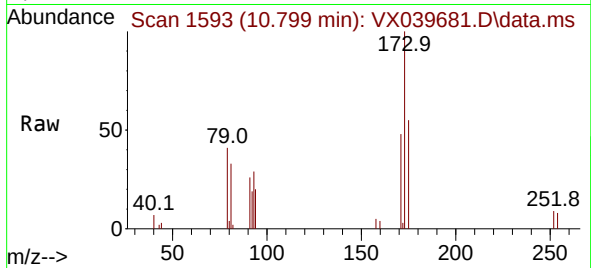
Tgt Ion:104 Resp: 18165
Ion Ratio Lower Upper
104 100
78 59.3 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 4.143 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

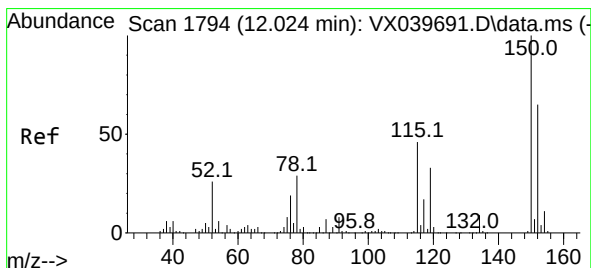
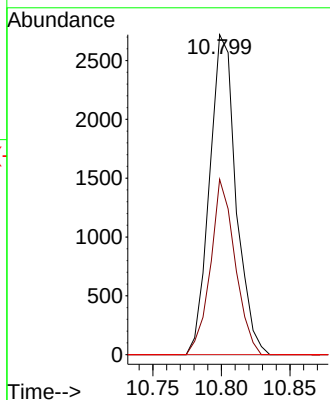
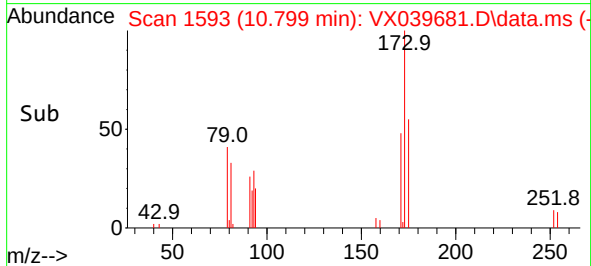
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 3654
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.4
254 0.0 0.0 0.0

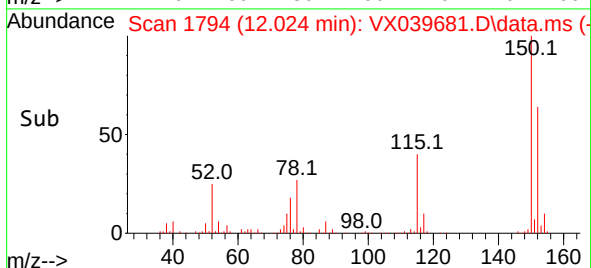
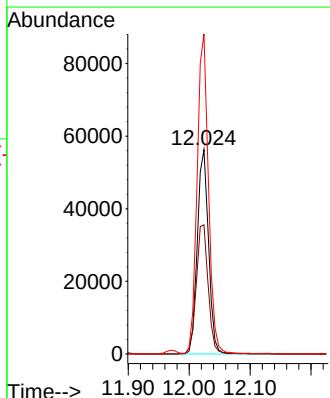
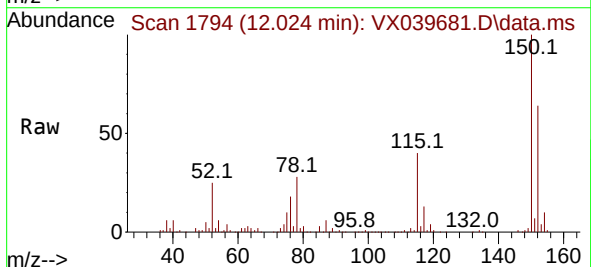
Manual Integrations
APPROVED

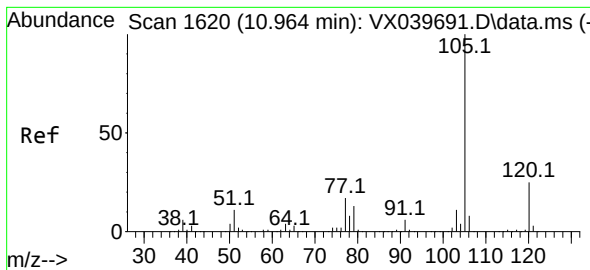
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:152 Resp: 72081
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 156.9 0.0 345.0





#73

Isopropylbenzene

Concen: 5.189 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 31014

Ion Ratio Lower Upper

105 100

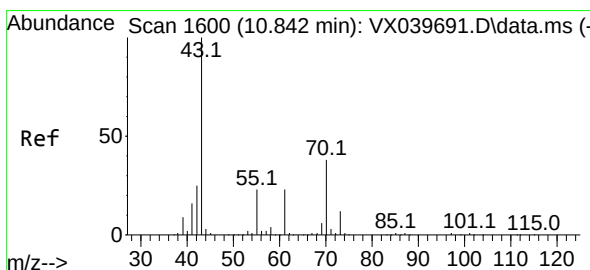
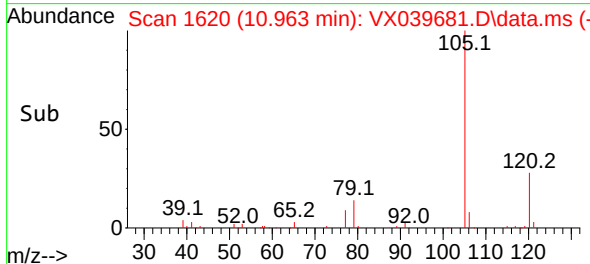
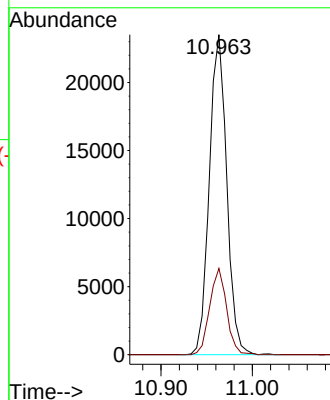
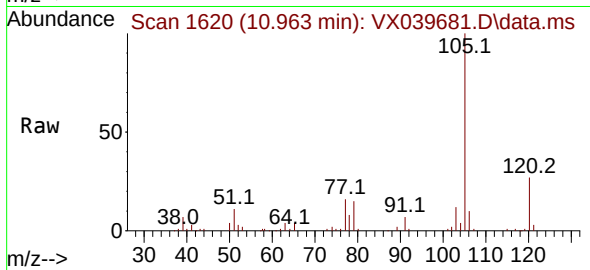
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#74

N-ethyl acetate

Concen: 4.695 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Tgt Ion: 43 Resp: 14947

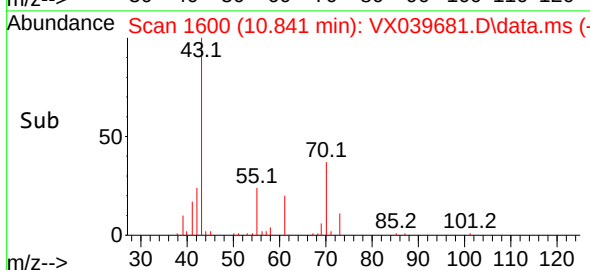
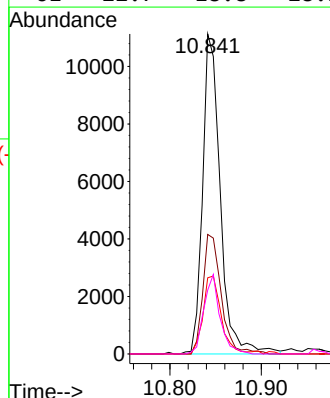
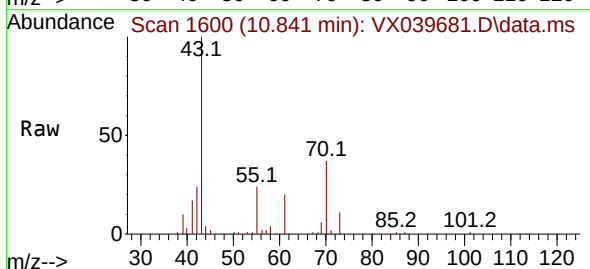
Ion Ratio Lower Upper

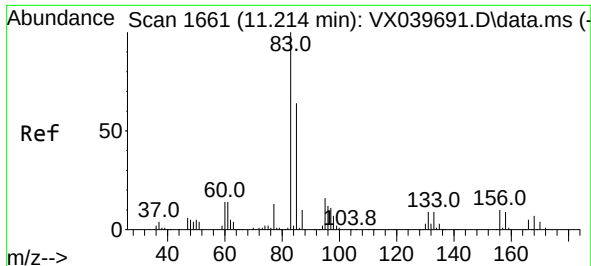
43 100

70 38.8 32.9 49.3

55 25.2 19.3 28.9

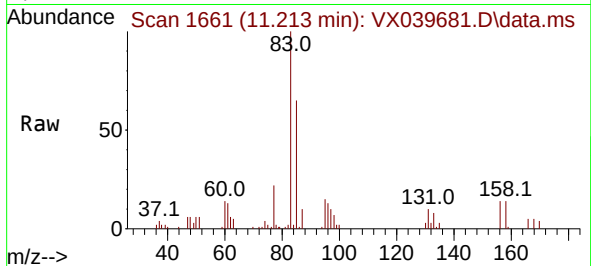
61 22.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.324 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

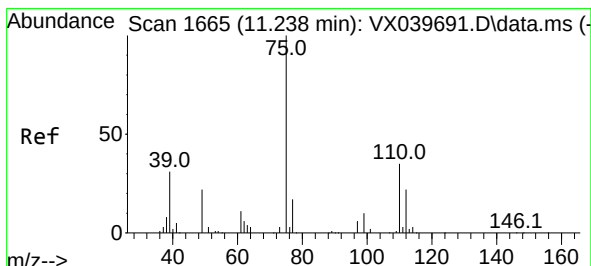
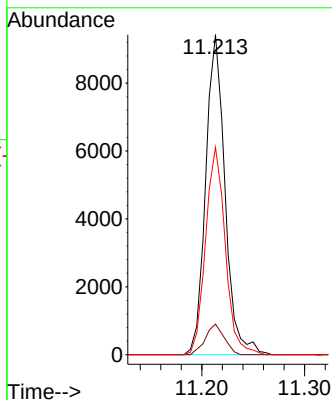
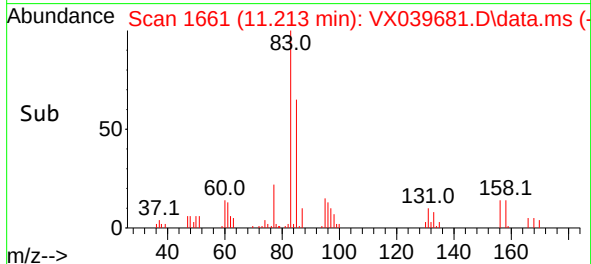
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 12328
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 66.0 32.0 96.2

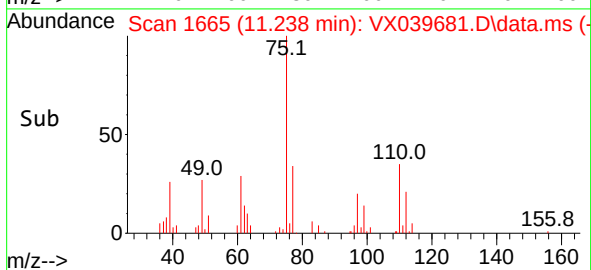
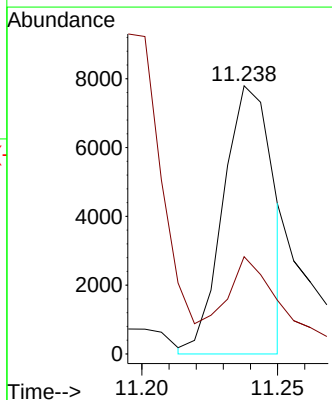
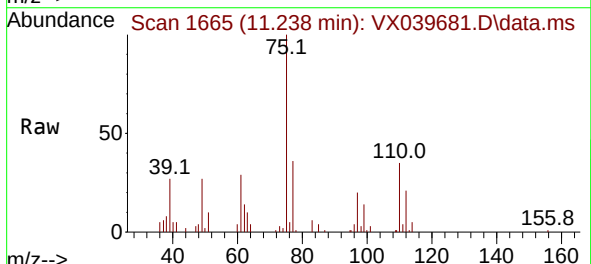
Manual Integrations
APPROVED

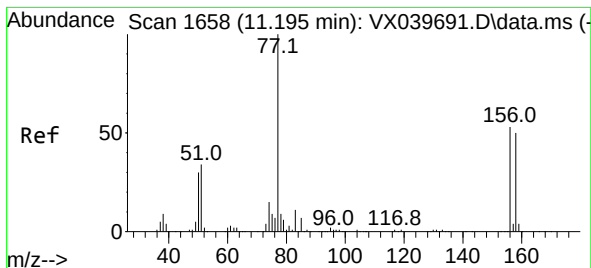
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#76
1,2,3-Trichloropropane
Concen: 5.119 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 75 Resp: 9961
Ion Ratio Lower Upper
75 100
77 43.7 19.1 57.5





#77

Bromobenzene

Concen: 5.038 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

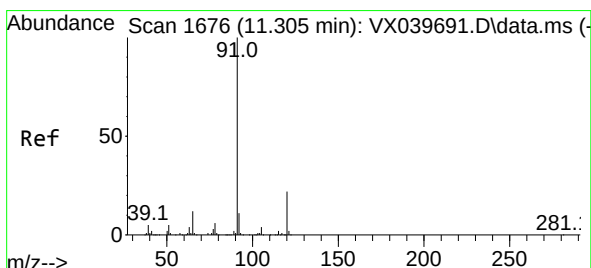
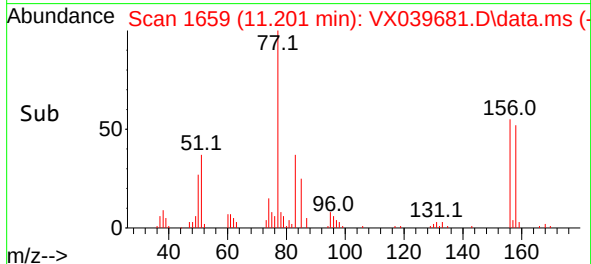
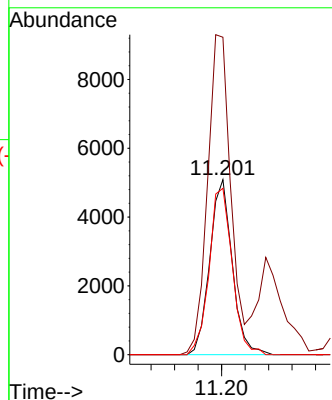
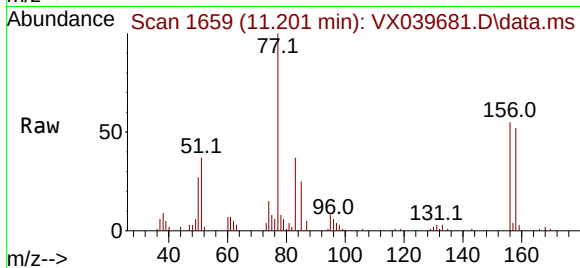
Tgt Ion:	156	Resp:	676
Ion Ratio	Lower	Upper	
156	100		
77	187.0	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#78

n-propylbenzene

Concen: 4.996 ug/l

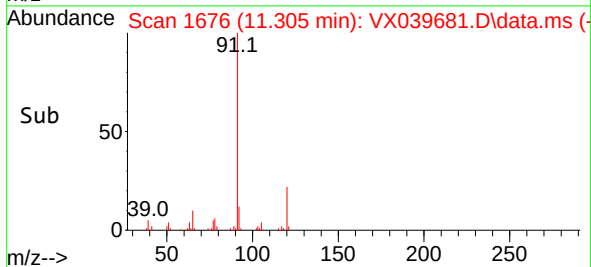
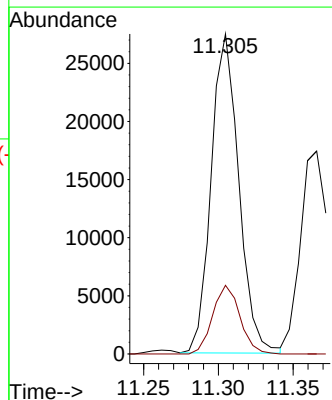
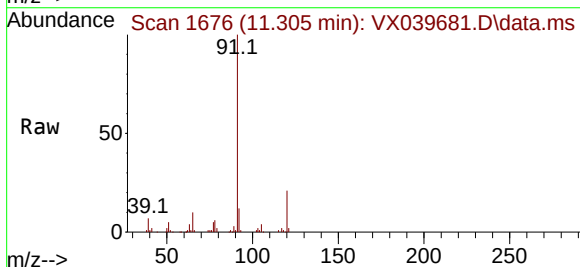
RT: 11.305 min Scan# 1676

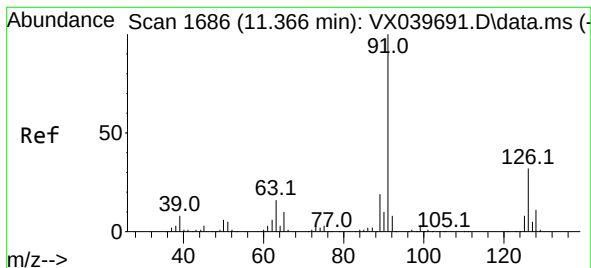
Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Tgt Ion:	91	Resp:	35257
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.5	34.4





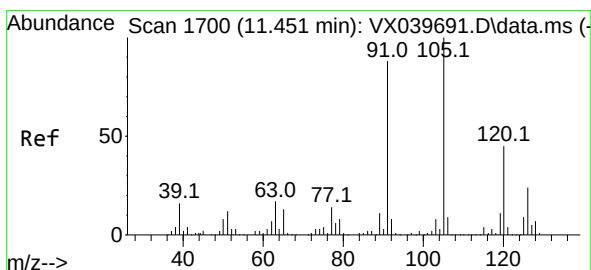
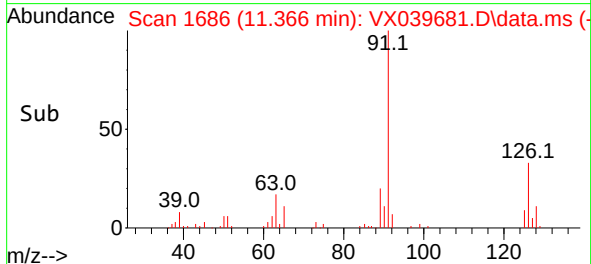
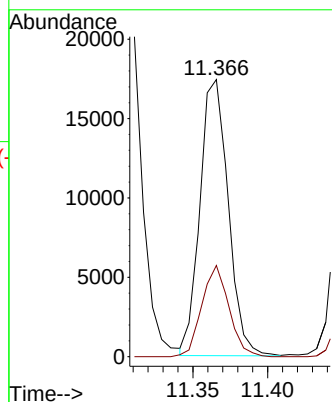
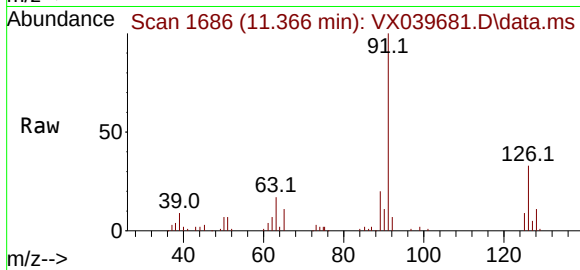
#79
2-Chlorotoluene
Concen: 5.181 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2290
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

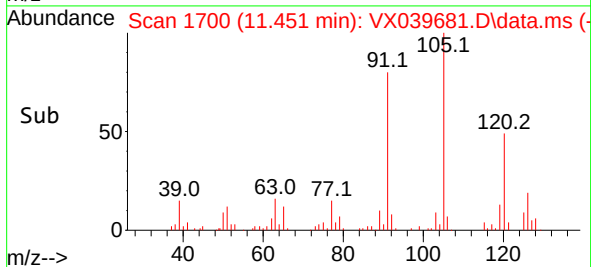
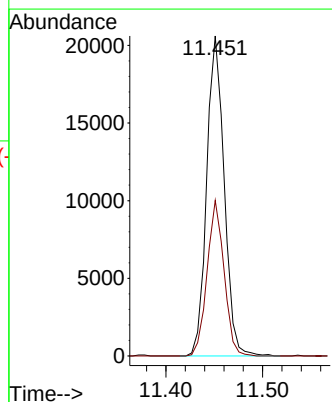
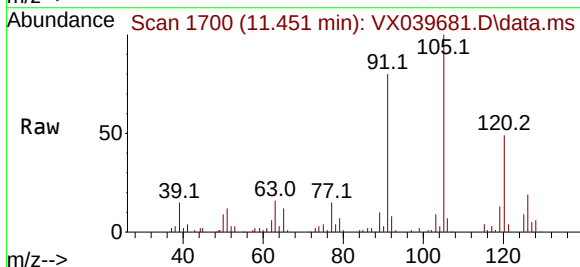
Manual Integrations
APPROVED

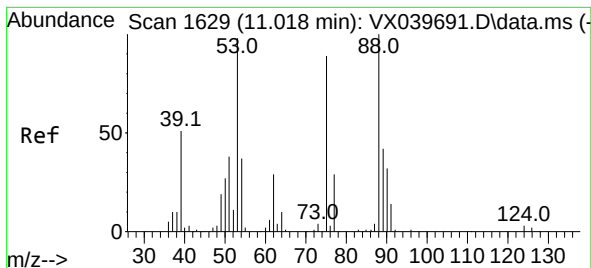
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.070 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:105 Resp: 25876
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





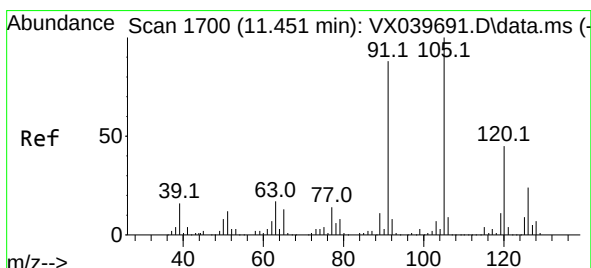
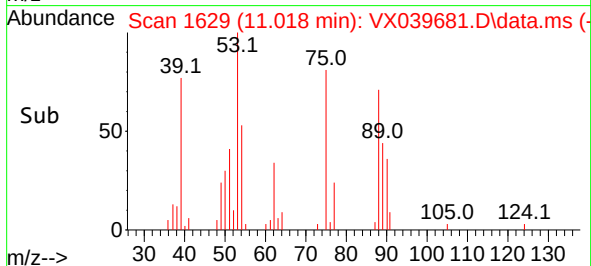
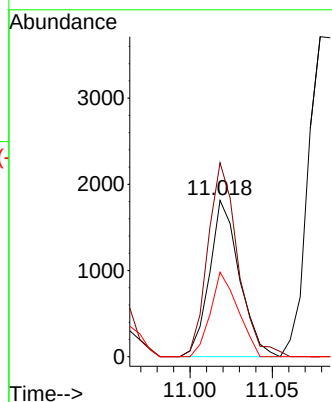
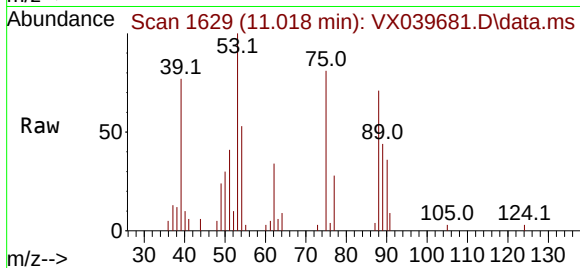
#81
trans-1,4-Dichloro-2-butene
Concen: 3.634 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
53 123.8 90.5 135.7
89 49.4 36.9 55.3

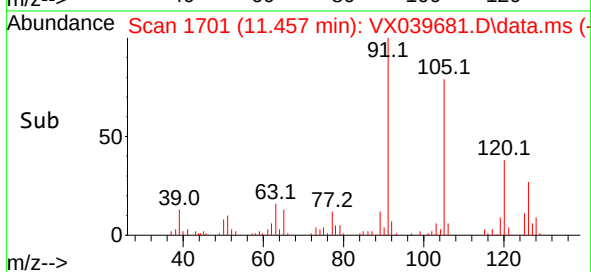
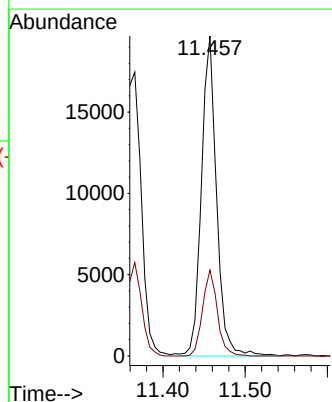
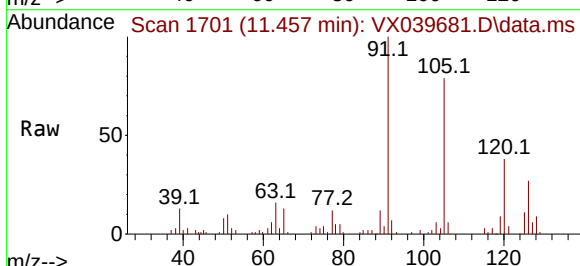
Manual Integrations
APPROVED

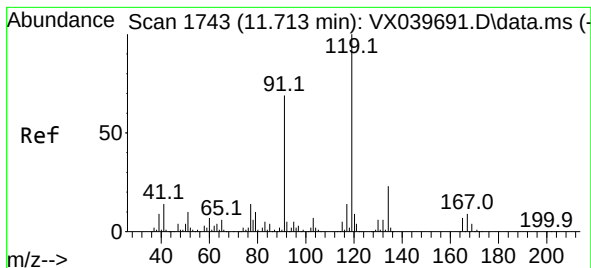
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#82
4-Chlorotoluene
Concen: 5.023 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion: 91 Resp: 25161
Ion Ratio Lower Upper
91 100
126 26.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.102 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

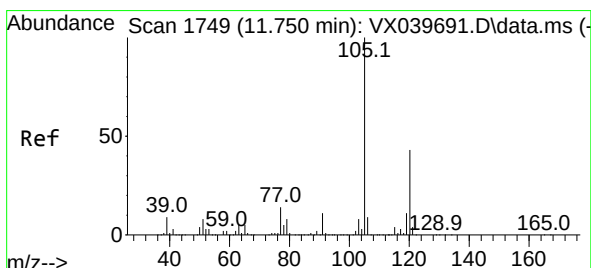
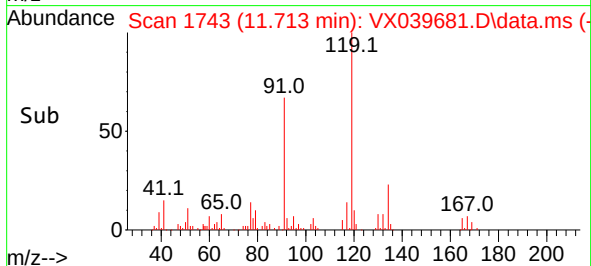
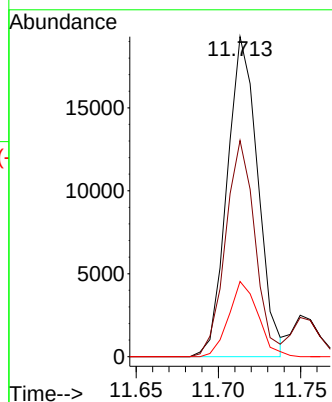
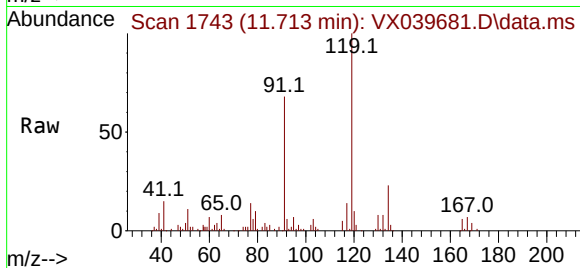
Tgt Ion:	119	Resp:	25099
Ion Ratio	Lower	Upper	
119	100		
91	65.0	31.2	93.6
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.165 ug/l

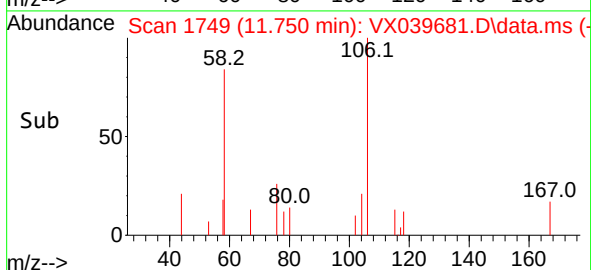
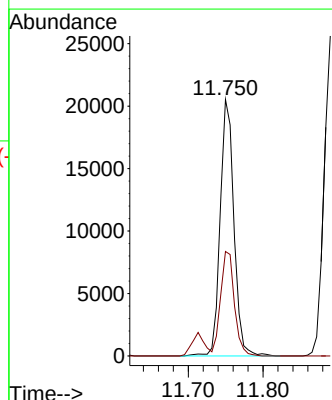
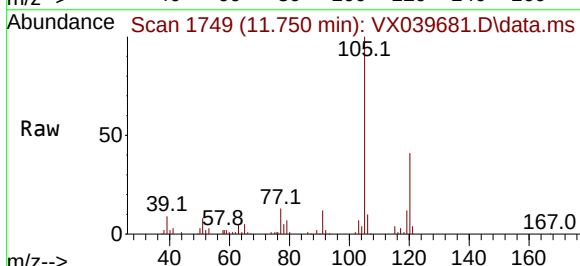
RT: 11.750 min Scan# 1749

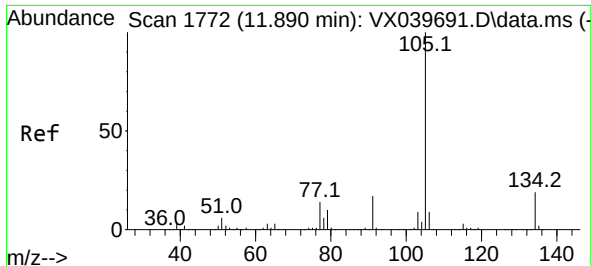
Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

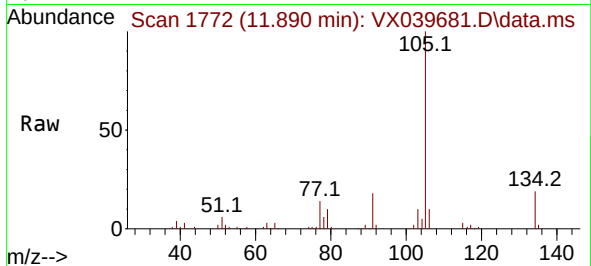
Tgt Ion:	105	Resp:	26277
Ion Ratio	Lower	Upper	
105	100		
120	41.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 5.007 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07

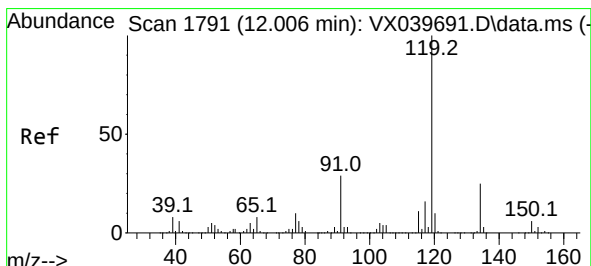
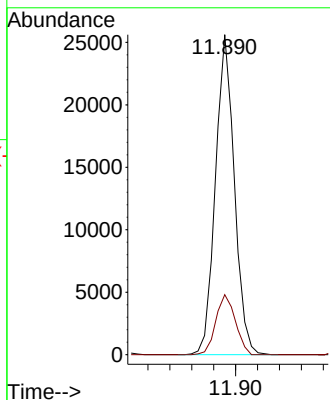
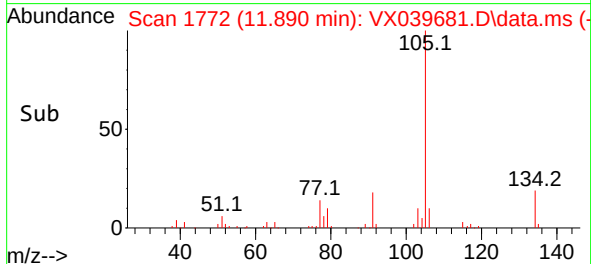
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



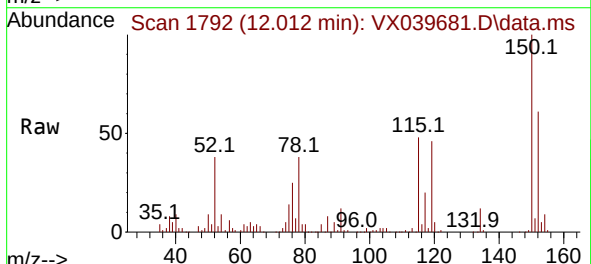
Tgt Ion:105 Resp: 3070
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

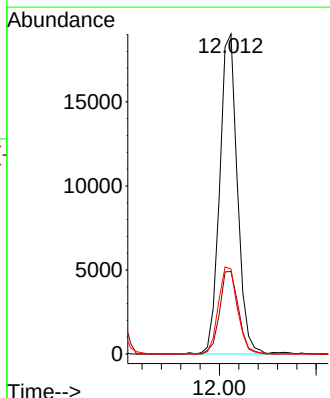
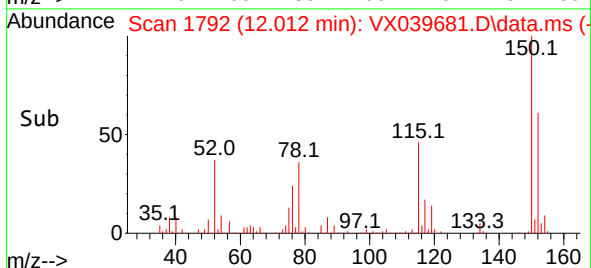
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024

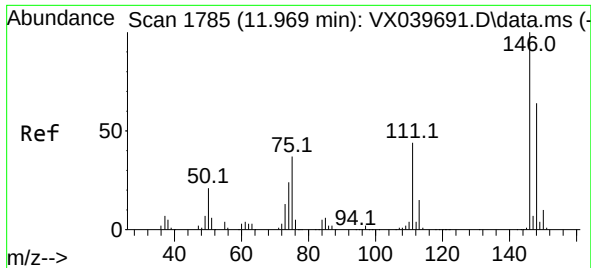


#86
 p-Isopropyltoluene
 Concen: 4.946 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039681.D
 Acq: 09 Jan 2024 16:07



Tgt Ion:119 Resp: 24126
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.8 38.3
 91 29.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.835 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 12259

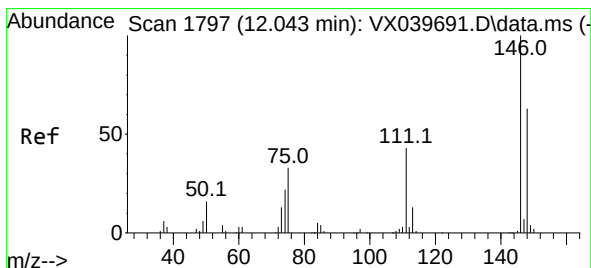
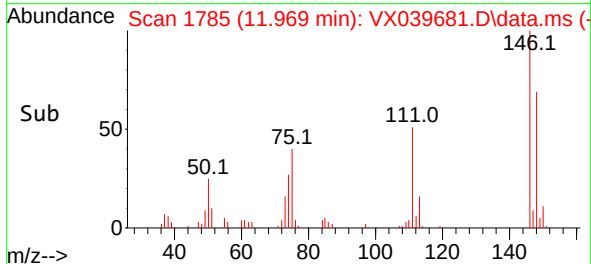
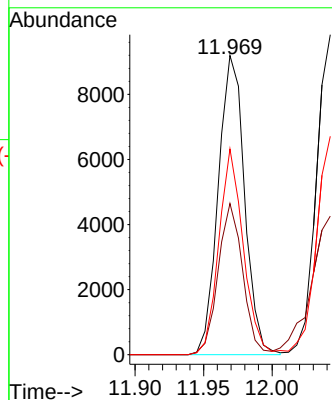
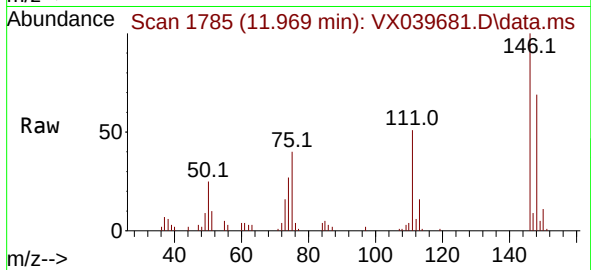
Ion	Ratio	Lower	Upper
146	100		
111	47.3	22.1	66.1
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#88

1,4-Dichlorobenzene

Concen: 4.874 ug/l

RT: 12.042 min Scan# 1797

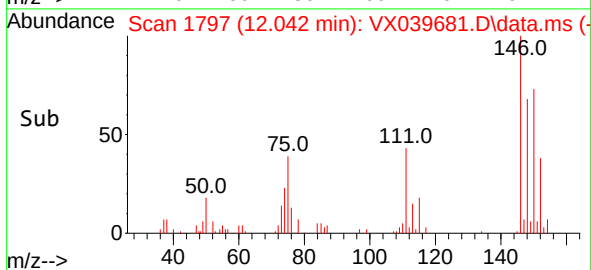
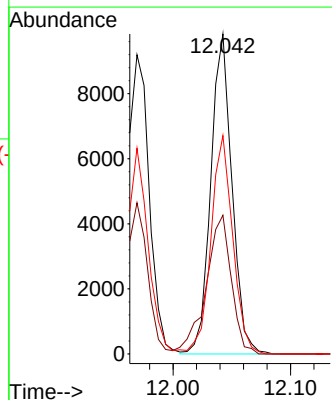
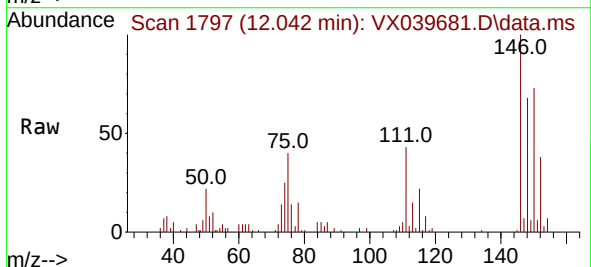
Delta R.T. -0.000 min

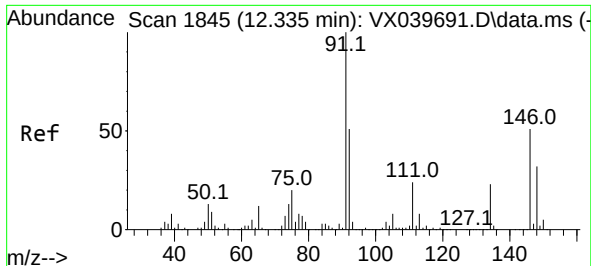
Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Tgt Ion:146 Resp: 12322

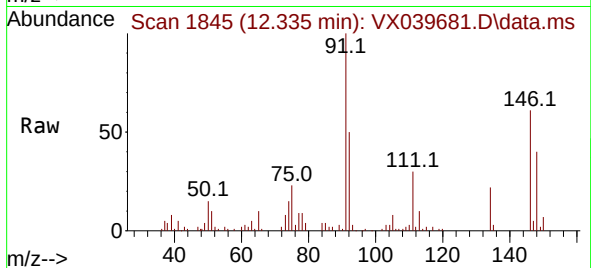
Ion	Ratio	Lower	Upper
146	100		
111	51.9	21.3	63.7
148	70.2	31.8	95.4





#89
n-Butylbenzene
Concen: 4.404 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

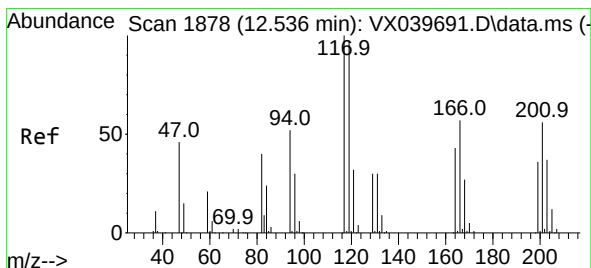
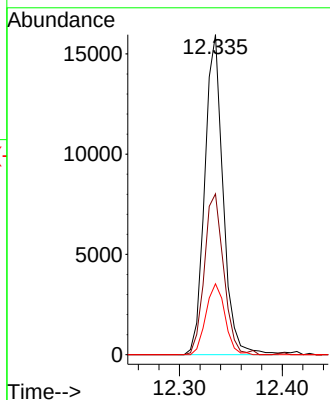
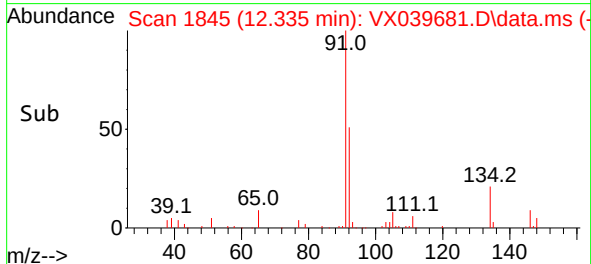
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 1978
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 23.0 12.6 37.8

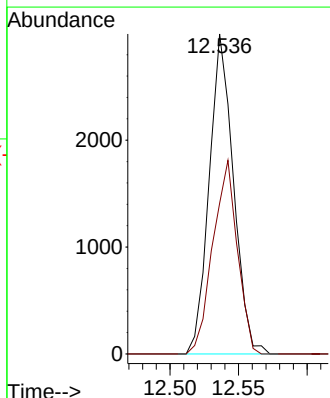
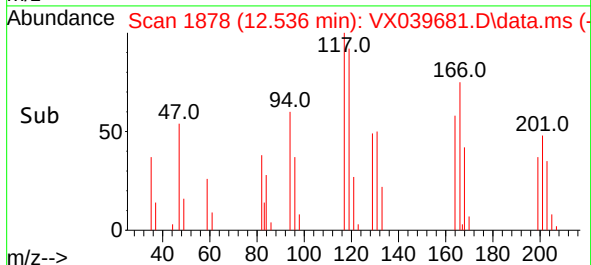
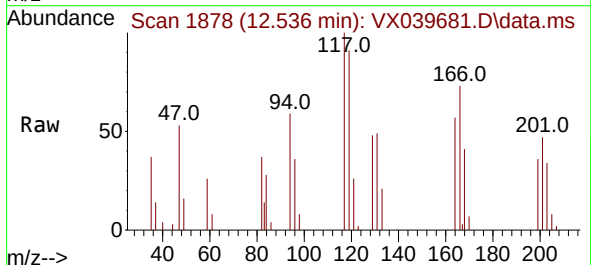
Manual Integrations
APPROVED

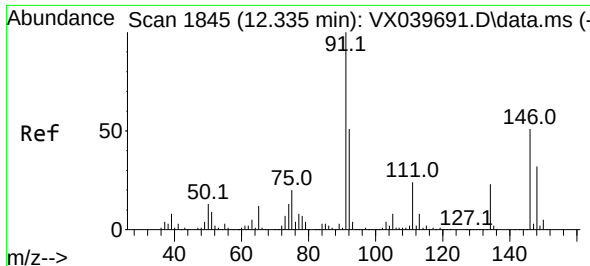
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#90
Hexachloroethane
Concen: 4.327 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

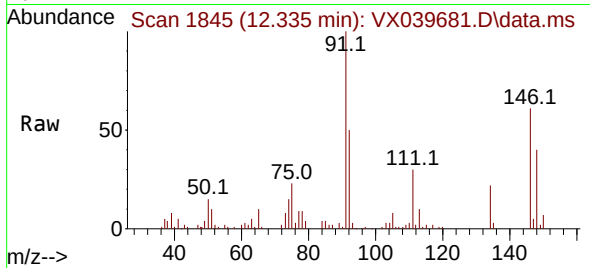
Tgt Ion:117 Resp: 3679
Ion Ratio Lower Upper
117 100
201 61.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.971 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

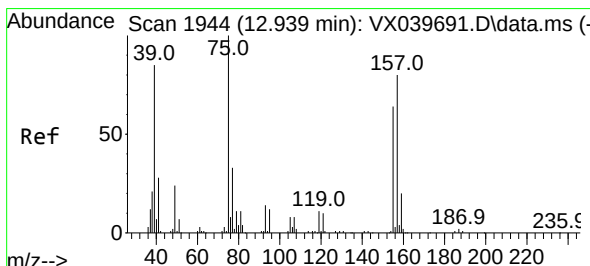
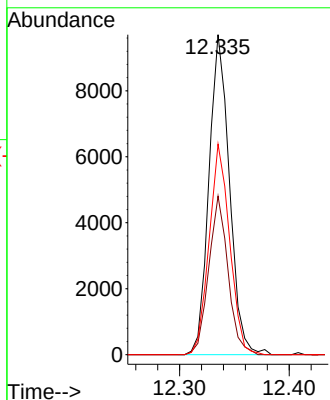
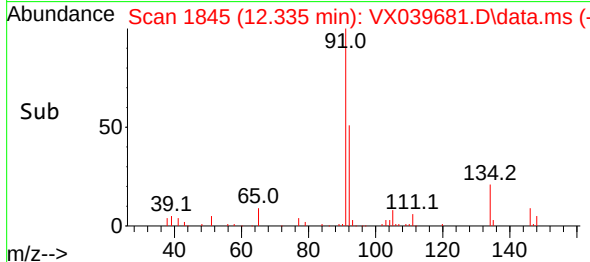
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



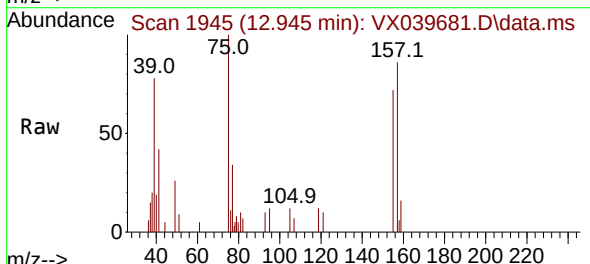
Tgt Ion:146 Resp: 12580
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.0
148 66.1 31.6 95.0

Manual Integrations
APPROVED

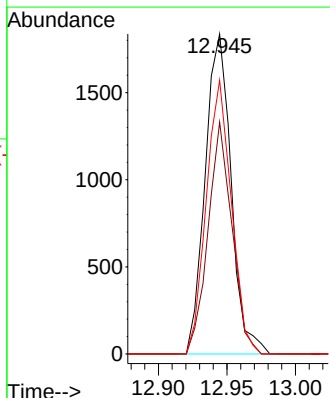
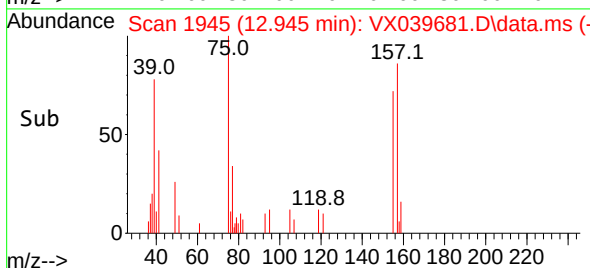
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

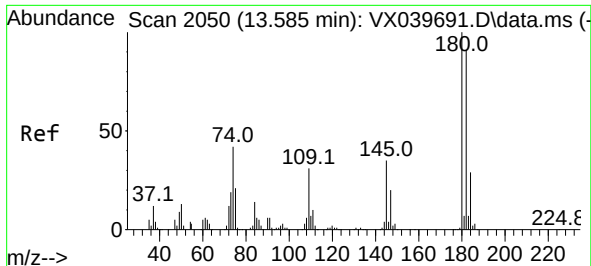


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.497 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07



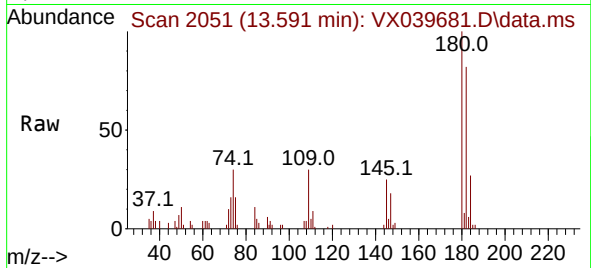
Tgt Ion: 75 Resp: 2414
Ion Ratio Lower Upper
75 100
155 67.1 36.1 108.5
157 83.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.551 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

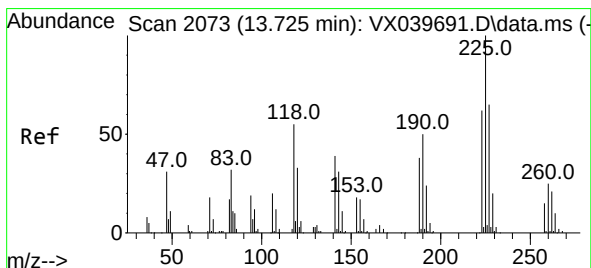
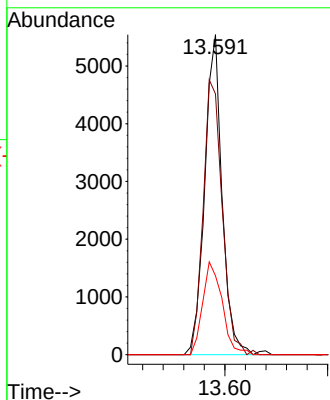
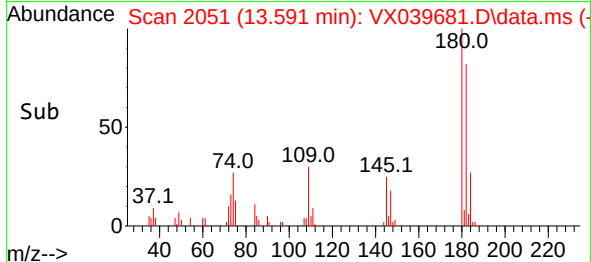
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:180 Resp: 6560
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.8
145 32.4 18.0 54.0

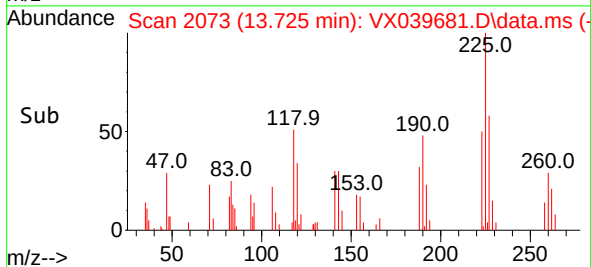
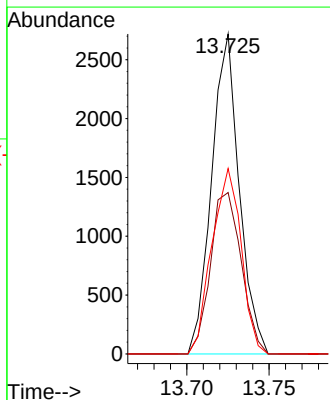
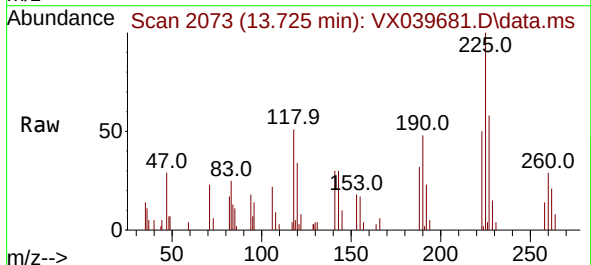
Manual Integrations
APPROVED

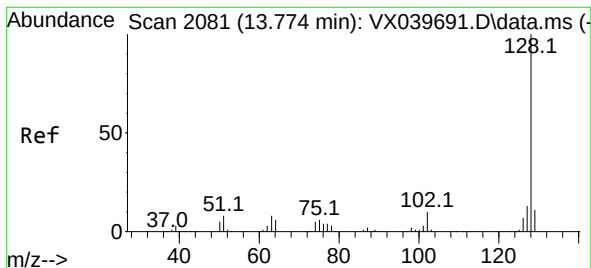
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#94
Hexachlorobutadiene
Concen: 5.300 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039681.D
Acq: 09 Jan 2024 16:07

Tgt Ion:225 Resp: 3174
Ion Ratio Lower Upper
225 100
223 56.5 31.1 93.2
227 61.4 32.5 97.5





#95

Naphthalene

Concen: 4.533 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

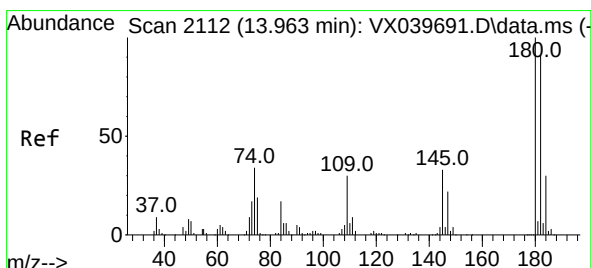
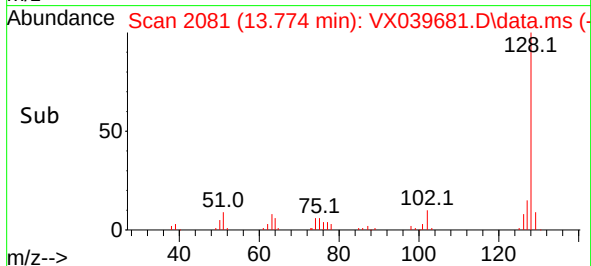
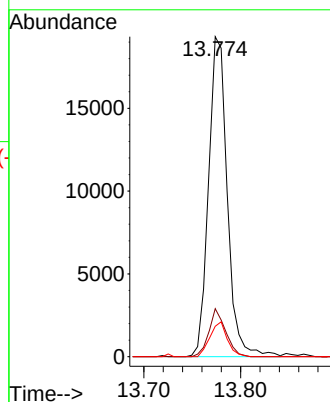
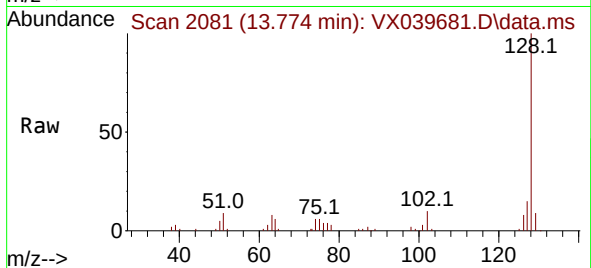
Tgt Ion:	128	Resp:	2605
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.772 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039681.D

Acq: 09 Jan 2024 16:07

Tgt Ion:	180	Resp:	7033
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.9	140.6
145	35.4	17.8	53.5

