

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034961.D
 Acq On : 07 Apr 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Mahesh Dadoda 04/10/2023

Quant Time: Apr 07 23:55:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	26224	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	188288	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	206823	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	84721	33.623	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.067%#			
60) 4-Bromofluorobenzene	11.079	95	125368	30.336	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.133%			
63) Toluene-d8	8.647	98	209501	29.807	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.367%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	61572	24.755	ug/l	97
3) Chloromethane	1.295	50	67446	20.913	ug/l	94
4) Vinyl Chloride	1.374	62	65442	20.567	ug/l	98
5) Bromomethane	1.612	94	34254	16.366	ug/l	100
6) Chloroethane	1.685	64	37929	18.317	ug/l	98
7) Trichlorofluoromethane	1.886	101	95937	18.928	ug/l	97
8) Diethyl Ether	2.130	74	37419	20.507	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	56346	21.912	ug/l	97
10) 1,1-Dichloroethene	2.319	96	52038	19.992	ug/l	96
11) Methyl Iodide	2.453	142	49195	14.841	ug/l	97
12) Methyl Acetate	2.703	43	124170	21.541	ug/l	97
13) Acrolein	2.233	56	66158	98.971	ug/l	99
14) Acrylonitrile	3.063	53	170119	107.174	ug/l	98
15) Acetone	2.386	58	51956	120.566	ug/l	94
16) Carbon Disulfide	2.514	76	122476	18.395	ug/l	99
17) Allyl chloride	2.660	41	103631	20.574	ug/l	98
18) Methylene Chloride	2.788	84	62278	20.311	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	57673	20.248	ug/l	92
20) Diisopropyl ether	3.751	45	218375	21.162	ug/l	98
21) 1,1-Dichloroethane	3.605	63	113074	20.493	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	67611	20.381	ug/l	99
23) tert-Butyl Alcohol	2.983	59	73283m	102.611	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	206359	21.334	ug/l	100
25) Chloroform	5.087	83	117867	21.002	ug/l	99
26) Cyclohexane	5.465	56	97992	20.266	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	85665	19.781	ug/l	98
30) 2-Butanone	4.550	43	254248	105.274	ug/l #	96
31) 2,2-Dichloropropane	4.471	77	86671	19.735	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	98094	19.308	ug/l	98
33) Carbon Tetrachloride	5.672	117	84445	20.140	ug/l	96
34) Benzene	6.031	78	246682	19.601	ug/l	98
35) Methacrylonitrile	4.916	41	52786	19.969	ug/l	97
36) 1,2-Dichloroethane	6.080	62	103520	20.980	ug/l	98
37) Trichloroethene	7.123	130	62872	19.630	ug/l	92
38) Methylcyclohexane	7.373	83	91235	19.283	ug/l	96
39) 1,2-Dichloropropane	7.428	63	64753	19.795	ug/l	96
40) Dibromomethane	7.574	93	44616	19.855	ug/l	98
41) Bromodichloromethane	7.818	83	84632	19.995	ug/l	99
42) Vinyl Acetate	3.715	43	793381	100.696	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034961.D
 Acq On : 07 Apr 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

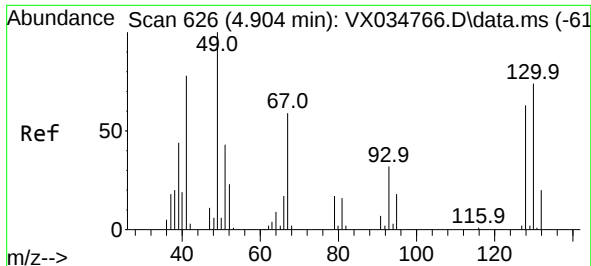
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Mahesh Dadoda 04/10/2023

Quant Time: Apr 07 23:55:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

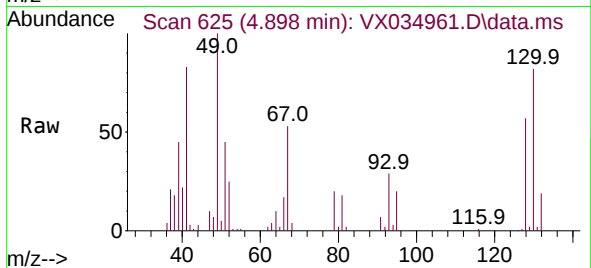
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	93755	20.016	ug/l	99
44) Isopropyl Acetate	6.336	43	153785	19.395	ug/l	98
45) 1,4-Dioxane	7.684	88	32901	418.820	ug/l	94
46) Methyl methacrylate	7.690	41	77987	20.186	ug/l	96
47) n-amyl Acetate	10.842	43	126245	18.314	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	85762	18.596	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	97155	19.175	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	62445	19.946	ug/l	99
51) Ethyl methacrylate	9.116	69	99220	19.527	ug/l	97
52) 1,3-Dichloropropane	9.305	76	110624	20.004	ug/l	99
53) Dibromochloromethane	9.519	129	59590	19.241	ug/l	99
54) 1,2-Dibromoethane	9.610	107	66018	19.714	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	273459	102.269	ug/l	99
56) Bromoform	10.799	173	38834	18.186	ug/l	96
58) 4-Methyl-2-Pentanone	8.568	43	485969	102.482	ug/l	100
59) 2-Hexanone	9.427	43	365904	102.485	ug/l	100
61) Tetrachloroethene	9.269	164	56153	20.150	ug/l	98
62) Toluene	8.714	91	264474	19.556	ug/l	99
64) Chlorobenzene	10.080	112	164200	19.716	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	57844	19.429	ug/l	98
66) Ethyl Benzene	10.189	91	298461	19.815	ug/l	98
67) m/p-Xylenes	10.299	106	227601	39.713	ug/l	99
68) o-Xylene	10.640	106	110056	19.418	ug/l	96
69) Styrene	10.653	104	182870	19.572	ug/l	99
70) Isopropylbenzene	10.964	105	288737	19.684	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	96126	19.937	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	82712m	18.845	ug/l	
73) Bromobenzene	11.195	156	69203	19.645	ug/l	96
74) n-propylbenzene	11.305	91	334155	19.569	ug/l	100
75) 2-Chlorotoluene	11.366	91	213362	20.043	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	244464	19.798	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	21373	15.856	ug/l	88
78) 4-Chlorotoluene	11.451	91	243414	19.945	ug/l	99
79) tert-butylbenzene	11.713	119	227148	19.271	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	242891	19.795	ug/l	97
81) sec-Butylbenzene	11.890	105	279918	19.599	ug/l	99
82) p-Isopropyltoluene	12.006	119	232258	19.270	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	127433	19.156	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	130336	19.510	ug/l	99
85) n-Butylbenzene	12.329	91	198996	19.157	ug/l	99
86) Hexachloroethane	12.536	117	33939	17.193	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	126992	19.509	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	20502	19.458	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	76272	19.532	ug/l	99
90) Hexachlorobutadiene	13.725	225	31241	20.745	ug/l	98
91) Naphthalene	13.774	128	270652	19.617	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	76270	19.537	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

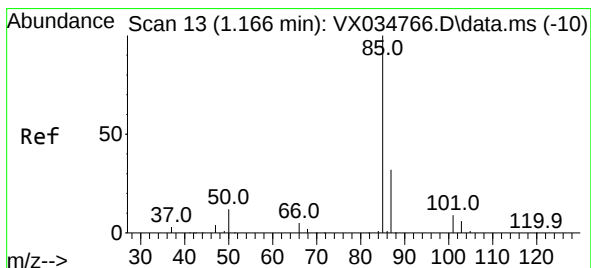
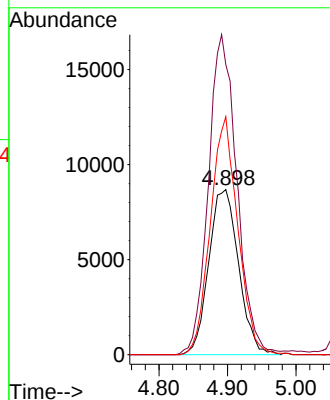
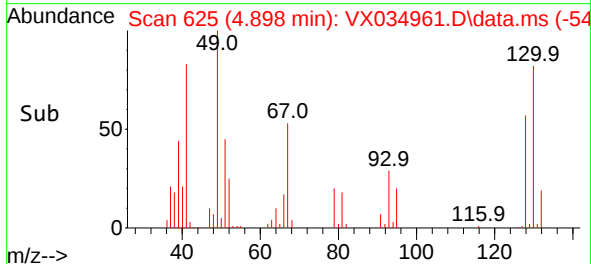
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 26224
Ion Ratio Lower Upper
128 100
49 185.2 0.0 428.8
130 133.0 0.0 310.8

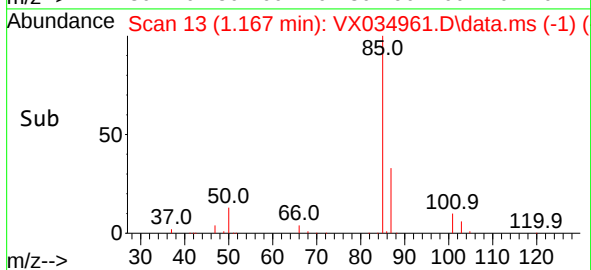
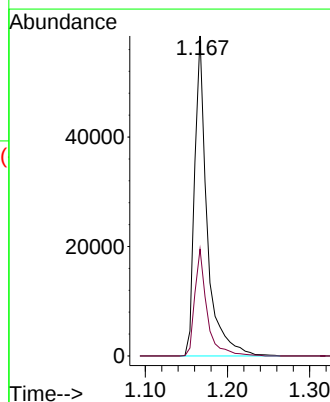
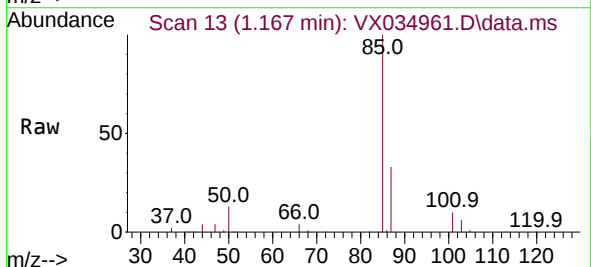
Manual Integrations
APPROVED

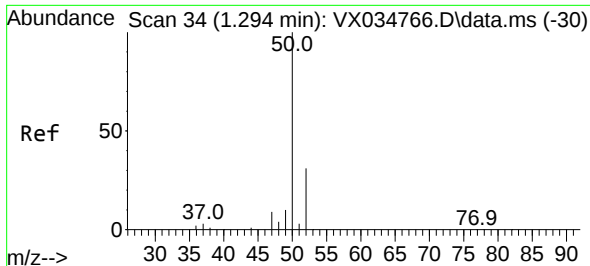
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#2
Dichlorodifluoromethane
Concen: 24.755 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

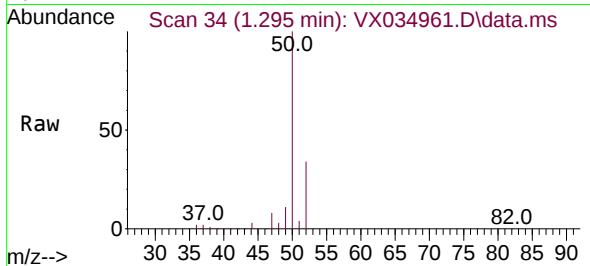
Tgt Ion: 85 Resp: 61572
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0





#3
Chloromethane
Concen: 20.913 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

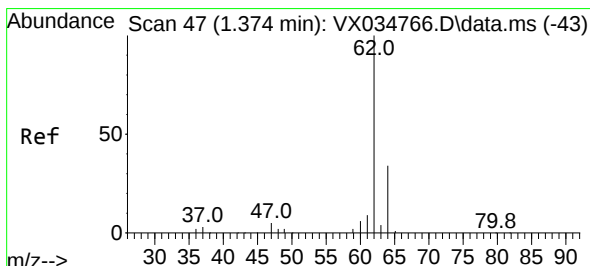
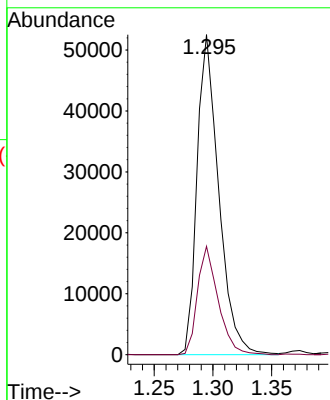
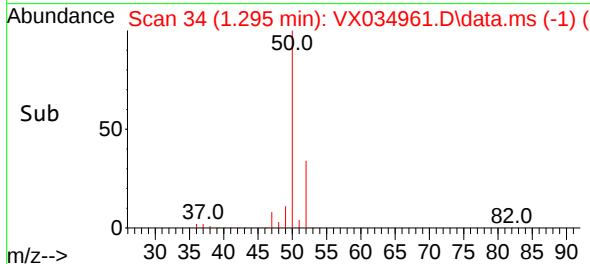
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 67440
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

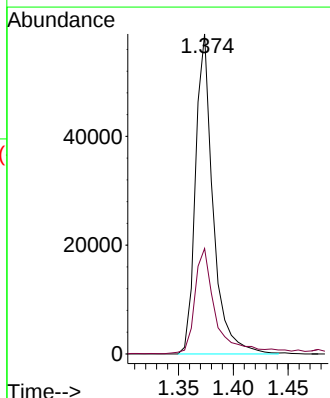
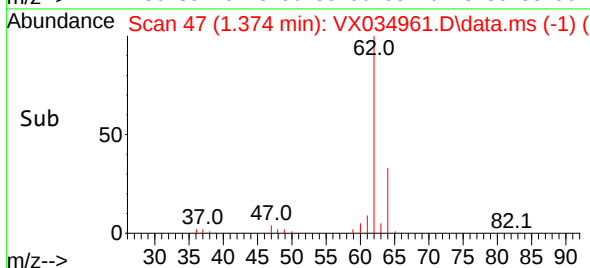
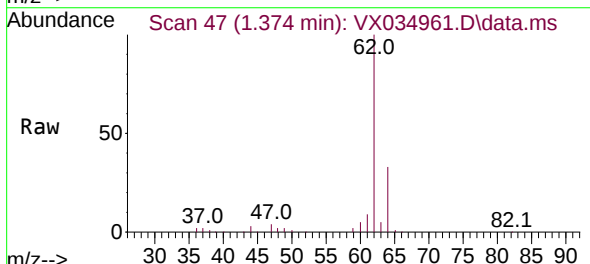
Manual Integrations
APPROVED

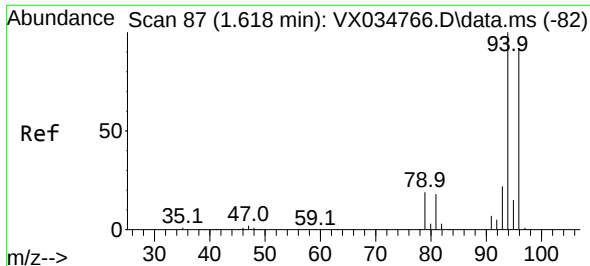
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#4
Vinyl Chloride
Concen: 20.567 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

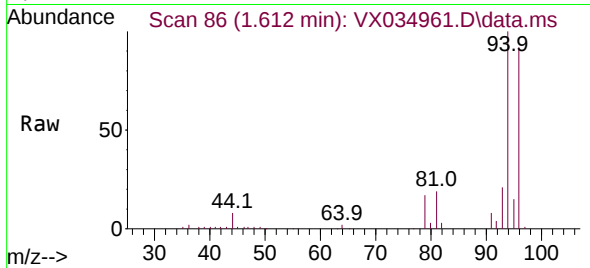
Tgt Ion: 62 Resp: 65442
Ion Ratio Lower Upper
62 100
64 32.4 26.9 40.3





#5
Bromomethane
Concen: 16.366 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

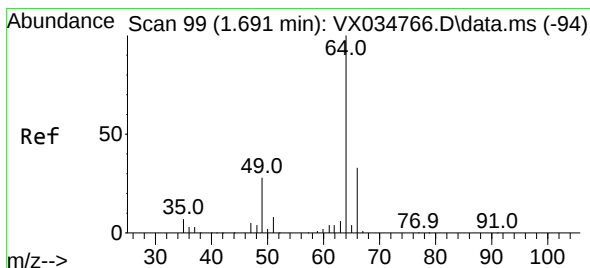
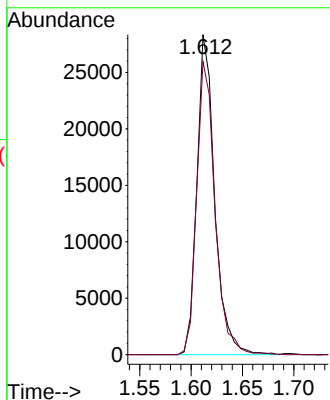
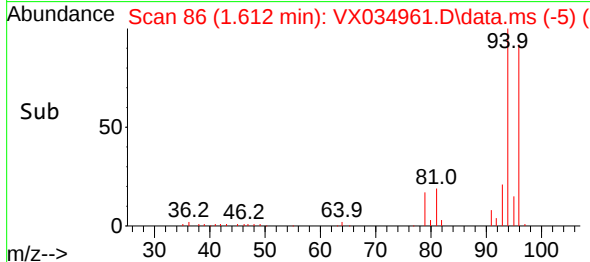
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 34254
Ion Ratio Lower Upper
94 100
96 91.6 73.4 110.0

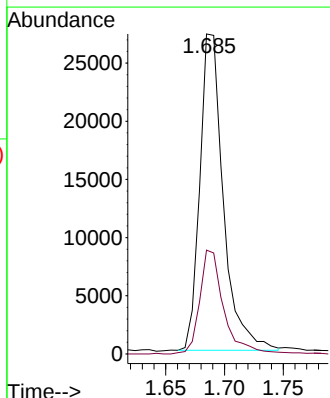
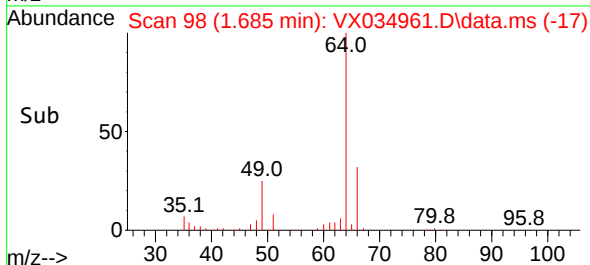
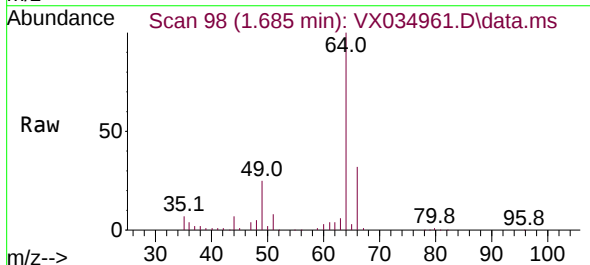
Manual Integrations
APPROVED

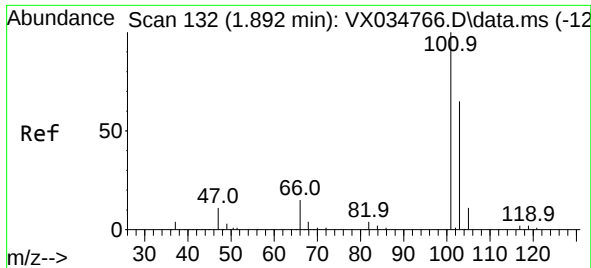
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#6
Chloroethane
Concen: 18.317 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

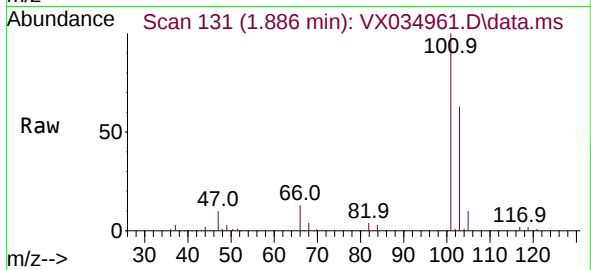
Tgt Ion: 64 Resp: 37929
Ion Ratio Lower Upper
64 100
66 32.4 26.6 40.0





#7
Trichlorofluoromethane
Concen: 18.928 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

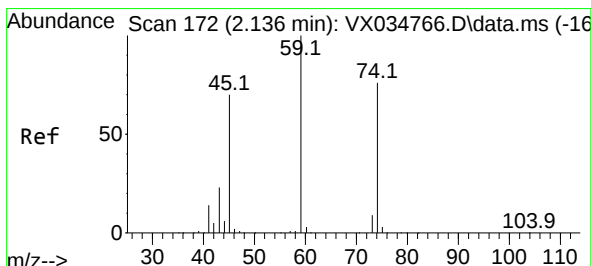
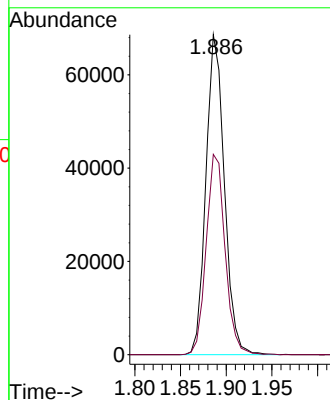
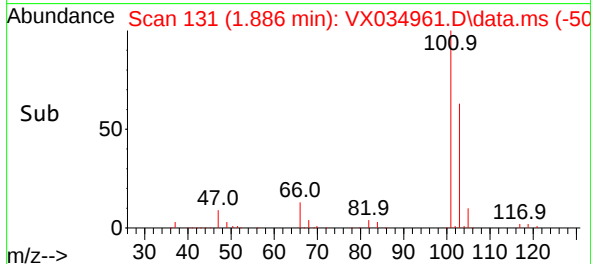
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



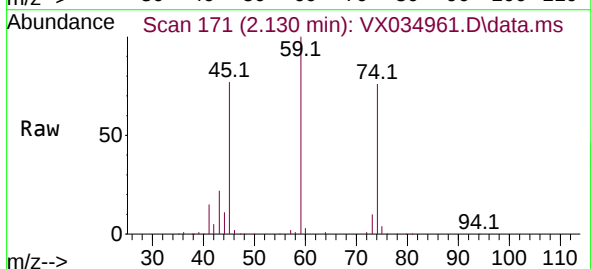
Tgt Ion:101 Resp: 9593
Ion Ratio Lower Upper
101 100
103 62.6 52.1 78.1

Manual Integrations
APPROVED

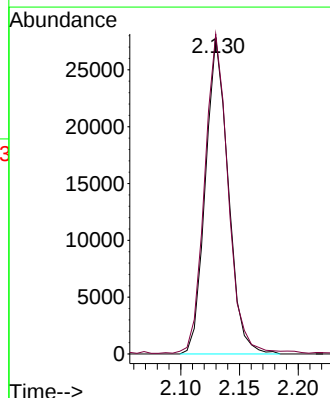
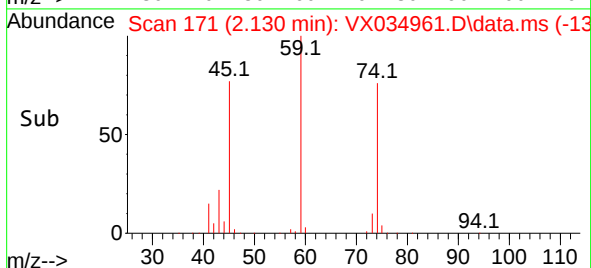
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

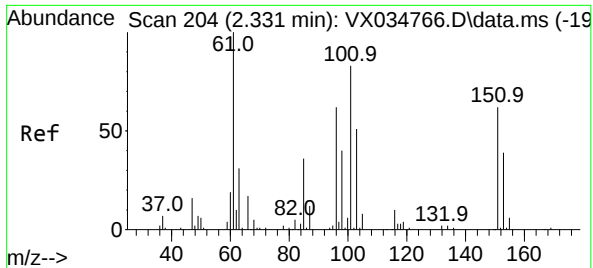


#8
Diethyl Ether
Concen: 20.507 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26



Tgt Ion: 74 Resp: 37419
Ion Ratio Lower Upper
74 100
45 104.6 20.5 184.5





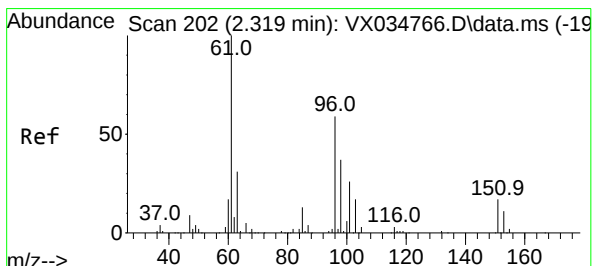
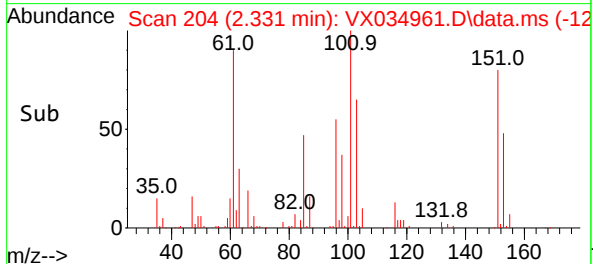
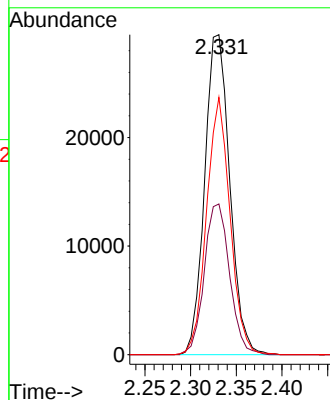
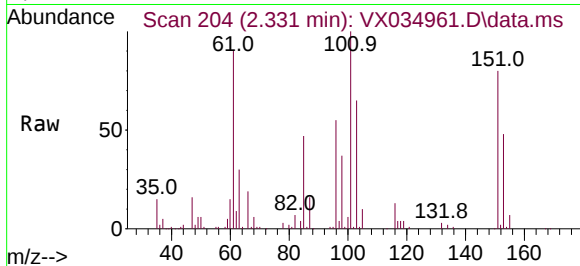
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.912 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 56340
Ion Ratio Lower Upper
101 100
85 47.5 0.0 88.8
151 75.2 0.0 147.6

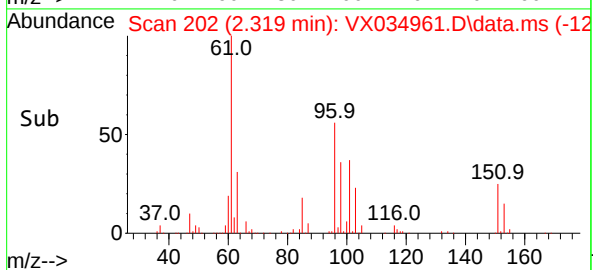
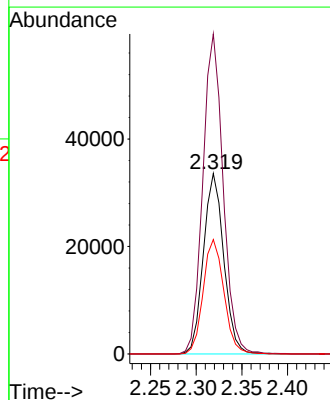
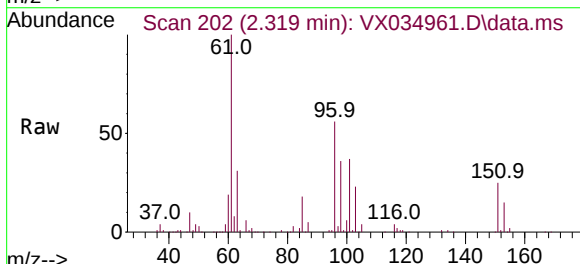
Manual Integrations
APPROVED

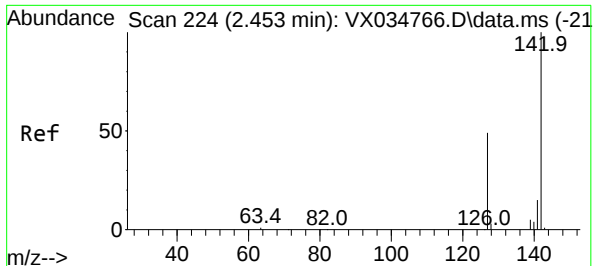
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#10
1,1-Dichloroethene
Concen: 19.992 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

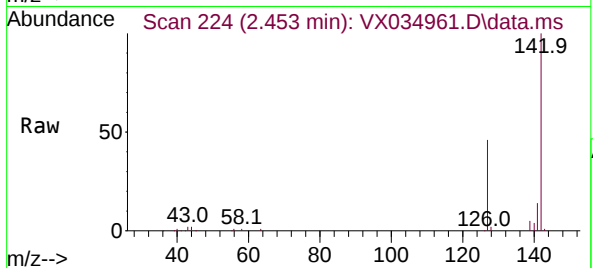
Tgt Ion: 96 Resp: 52038
Ion Ratio Lower Upper
96 100
61 177.1 135.8 203.6
98 63.4 49.8 74.6





#11
Methyl Iodide
Concen: 14.841 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

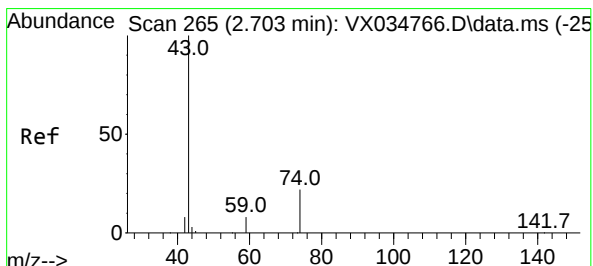
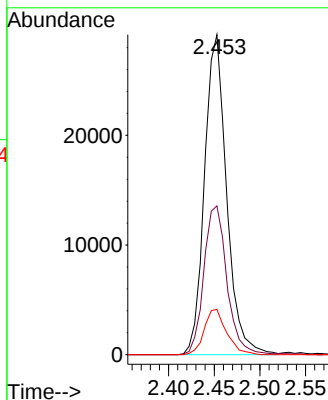
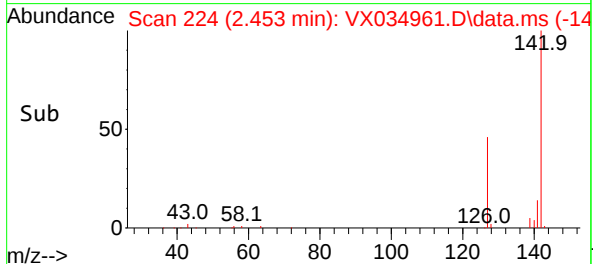
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 49195
Ion Ratio Lower Upper
142 100
127 46.4 24.5 73.5
141 14.2 7.6 22.8

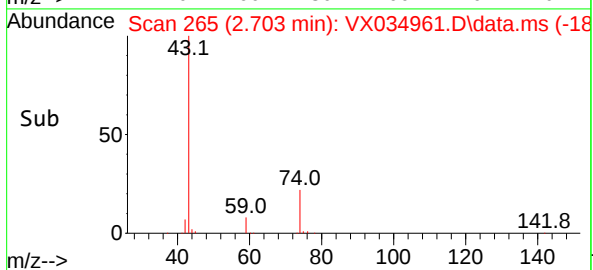
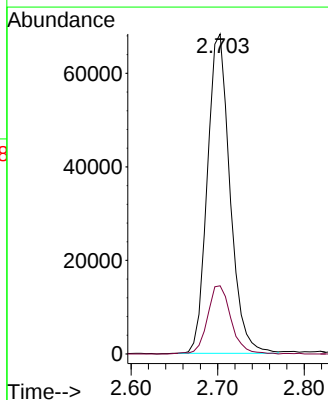
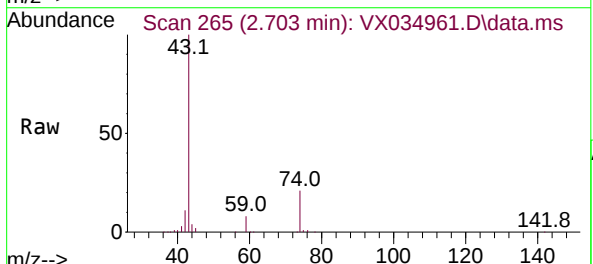
Manual Integrations
APPROVED

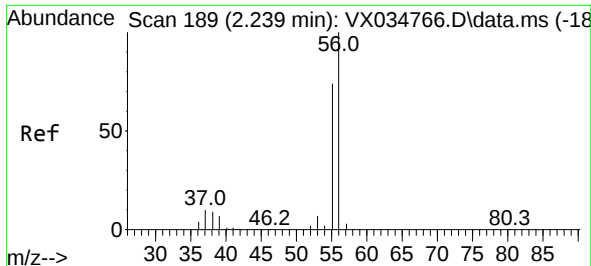
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#12
Methyl Acetate
Concen: 21.541 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

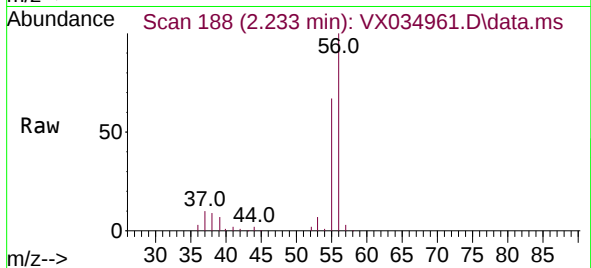
Tgt Ion: 43 Resp: 124170
Ion Ratio Lower Upper
43 100
74 21.3 18.0 27.0





#13
Acrolein
Concen: 98.971 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

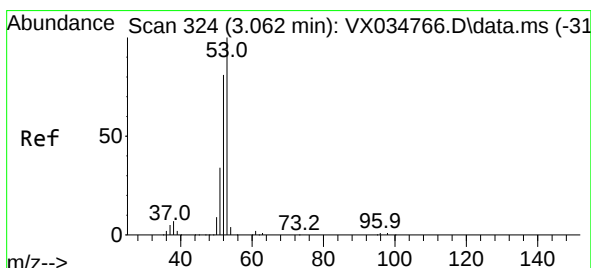
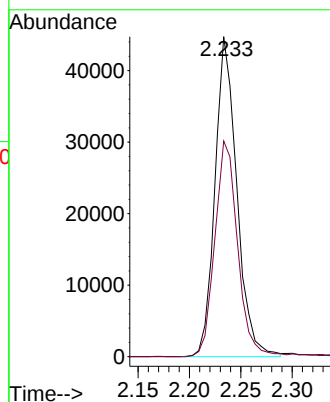
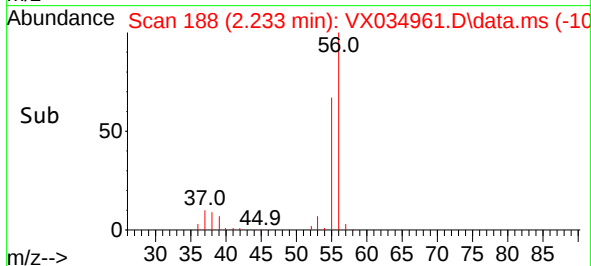
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 66158
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

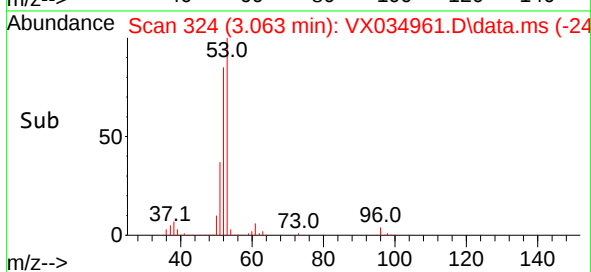
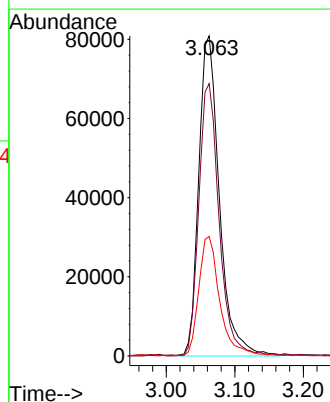
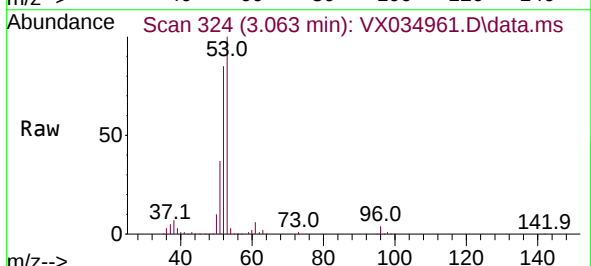
Manual Integrations
APPROVED

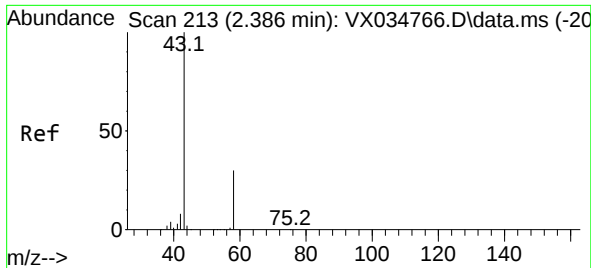
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#14
Acrylonitrile
Concen: 107.174 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.001 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

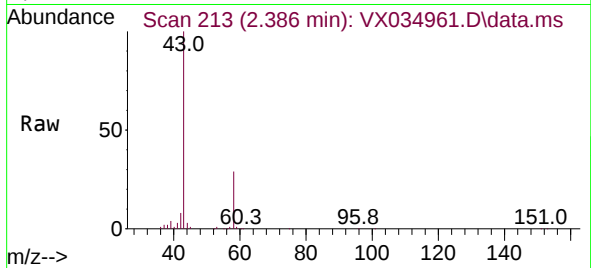
Tgt Ion: 53 Resp: 170119
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.7
51 38.0 17.9 53.7





#15
Acetone
Concen: 120.566 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

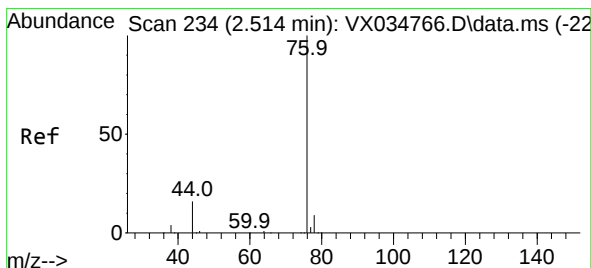
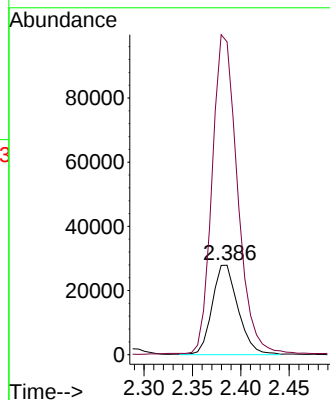
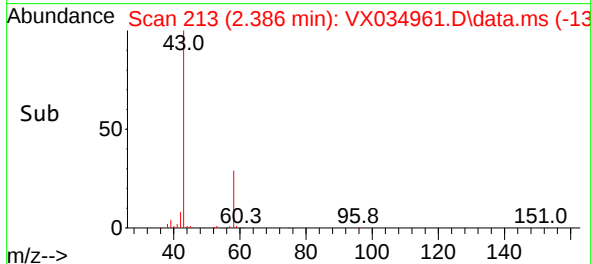
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 51950
Ion Ratio Lower Upper
58 100
43 350.3 270.8 406.2

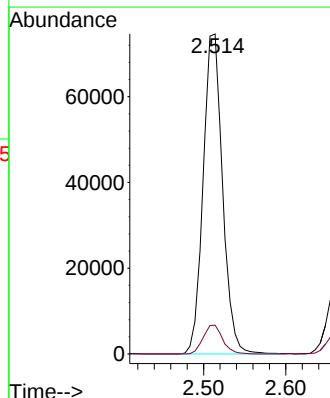
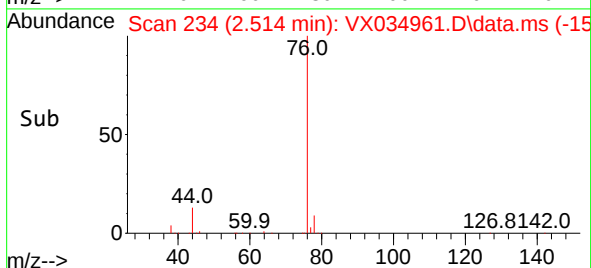
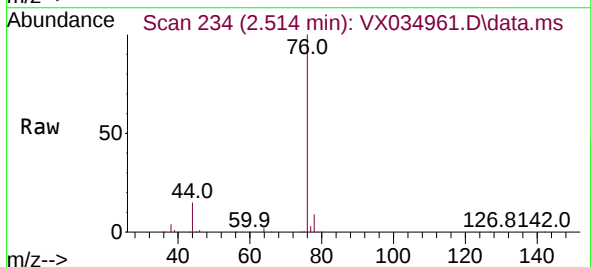
Manual Integrations
APPROVED

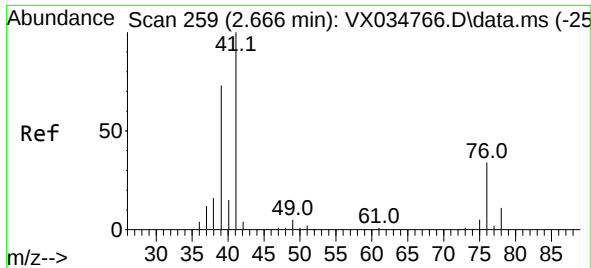
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#16
Carbon Disulfide
Concen: 18.395 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

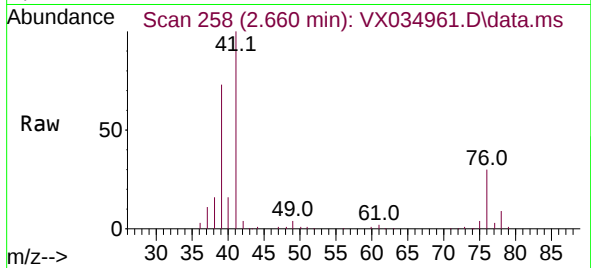
Tgt Ion: 76 Resp: 122476
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#17
 Allyl chloride
 Concen: 20.574 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX034961.D
 Acq: 07 Apr 2023 10:26

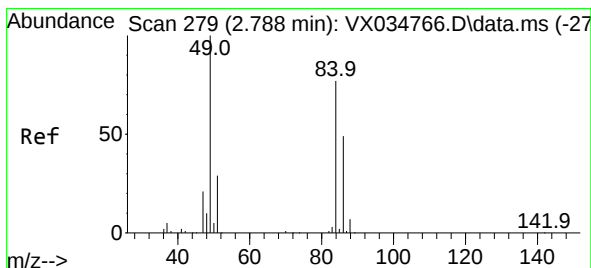
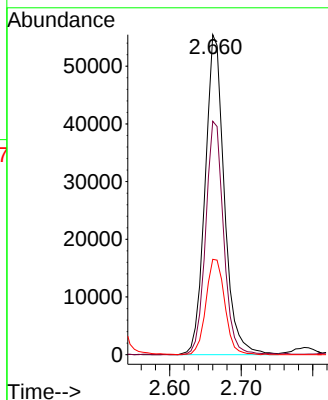
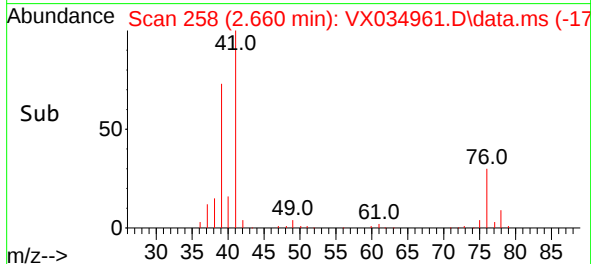
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 10363
 Ion Ratio Lower Upper
 41 100
 39 72.9 36.4 109.3
 76 29.8 17.0 51.0

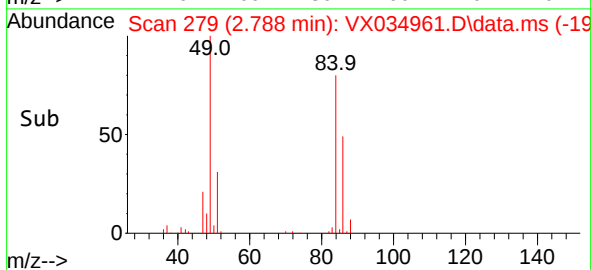
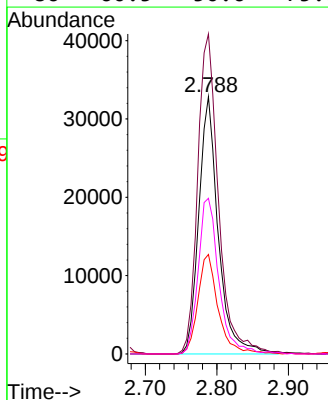
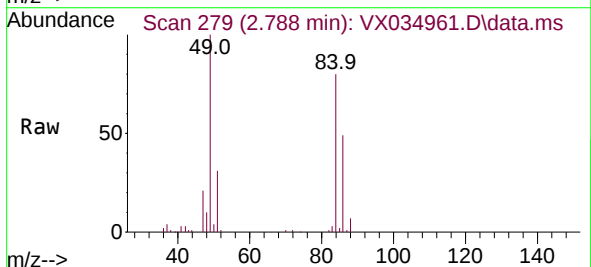
Manual Integrations
 APPROVED

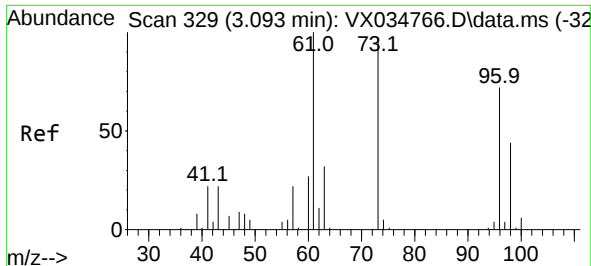
Reviewed By :John Carlone 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023



#18
 Methylene Chloride
 Concen: 20.311 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034961.D
 Acq: 07 Apr 2023 10:26

Tgt Ion: 84 Resp: 62278
 Ion Ratio Lower Upper
 84 100
 49 124.1 103.9 155.9
 51 38.7 30.6 45.8
 86 60.5 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 20.248 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX034961.D

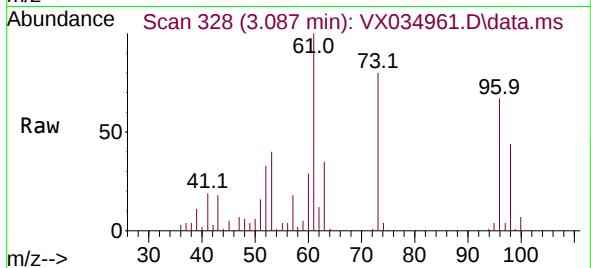
Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 96 Resp: 5767

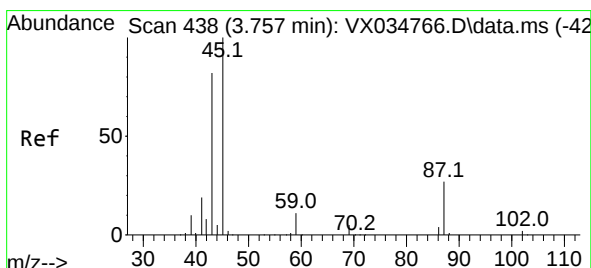
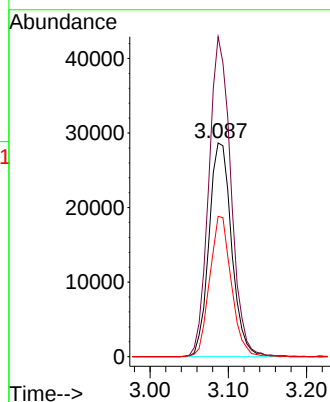
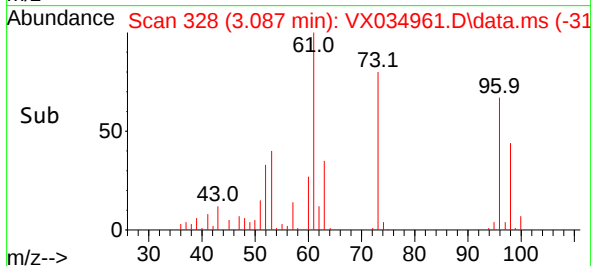
Ion	Ratio	Lower	Upper
96	100		
61	149.7	111.1	166.7
98	65.6	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#20

Diisopropyl ether

Concen: 21.162 ug/l

RT: 3.751 min Scan# 437

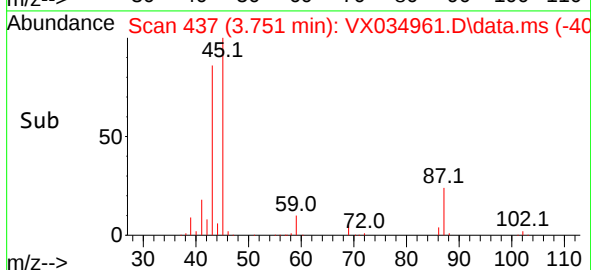
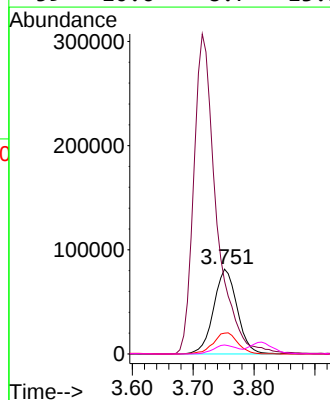
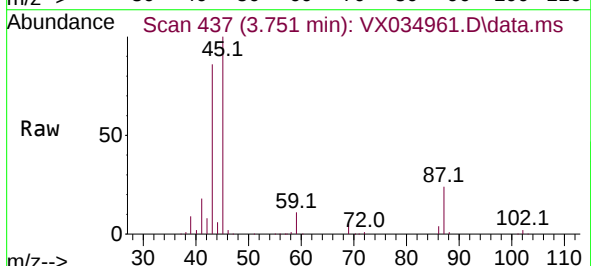
Delta R.T. -0.006 min

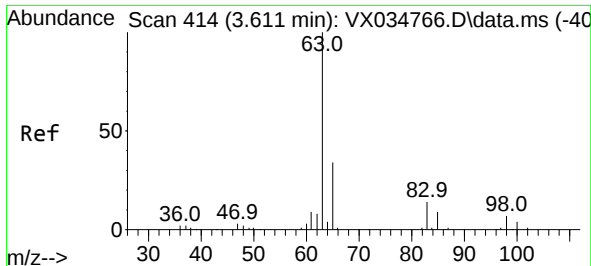
Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Tgt Ion: 45 Resp: 218375

Ion	Ratio	Lower	Upper
45	100		
43	83.5	66.0	99.0
87	24.5	21.8	32.6
59	10.6	8.7	13.1





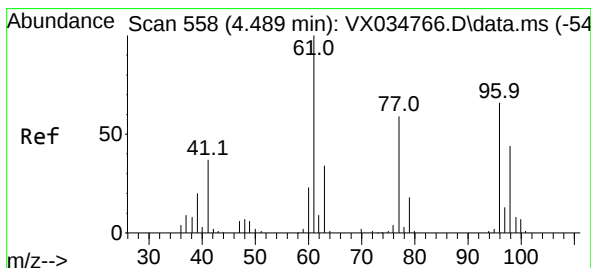
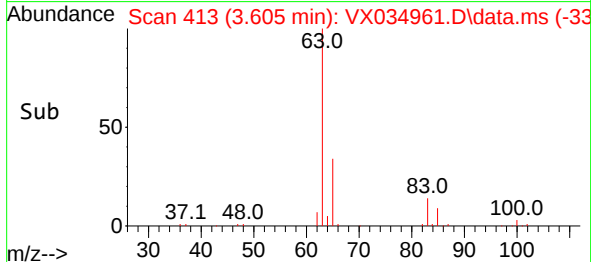
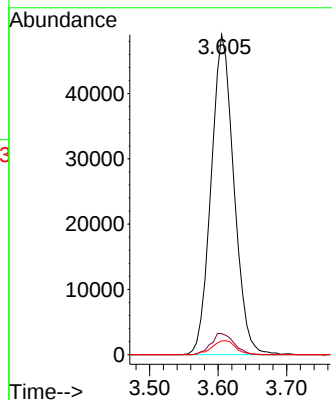
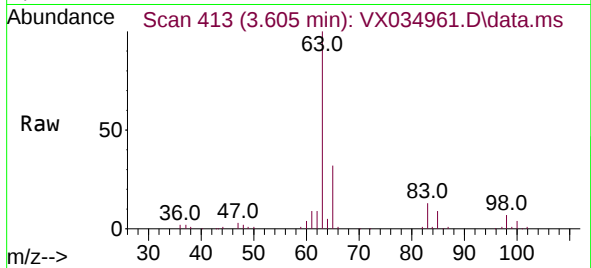
#21
1,1-Dichloroethane
Concen: 20.493 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 113074
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.6
100 4.3 2.2 6.6

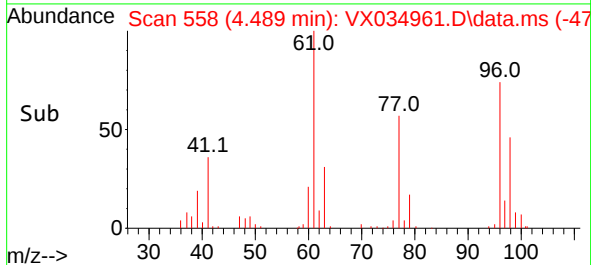
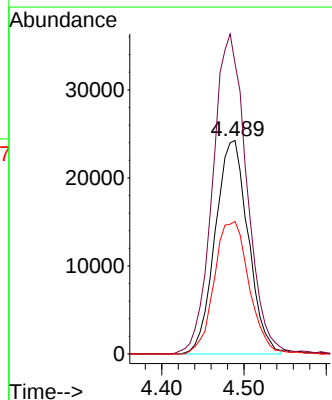
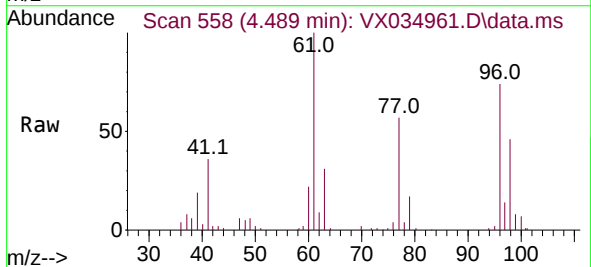
Manual Integrations
APPROVED

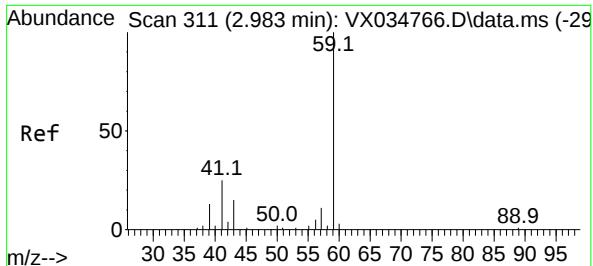
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 20.381 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

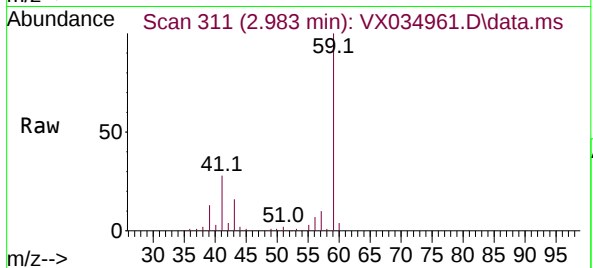
Tgt Ion: 96 Resp: 67611
Ion Ratio Lower Upper
96 100
61 154.3 121.7 182.5
98 65.2 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 102.611 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

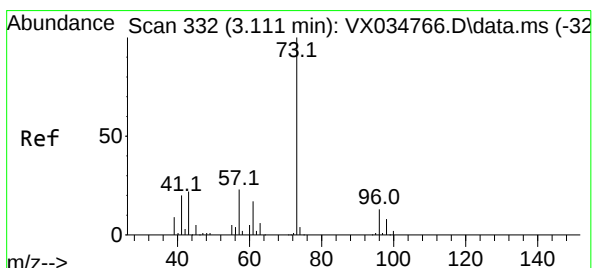
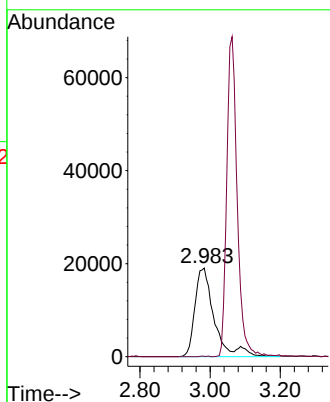
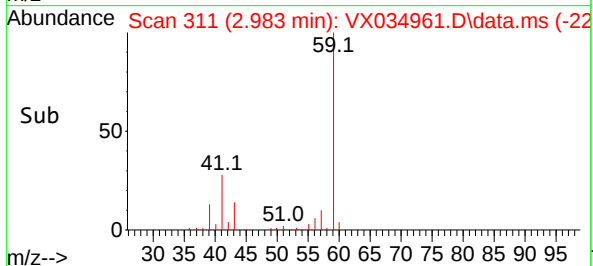
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 73283
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4

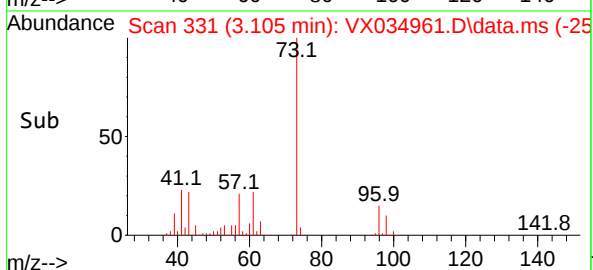
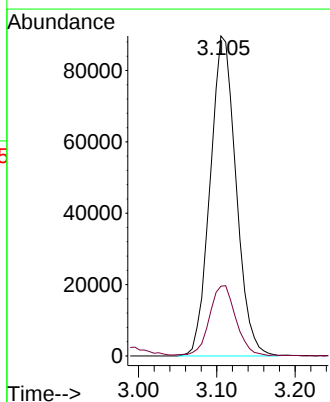
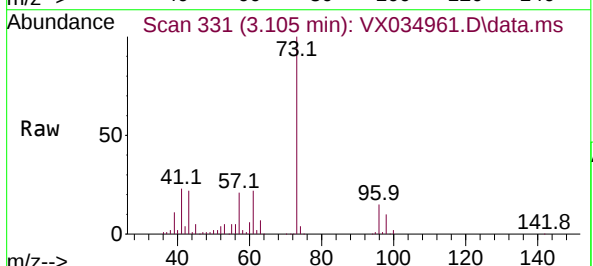
Manual Integrations
APPROVED

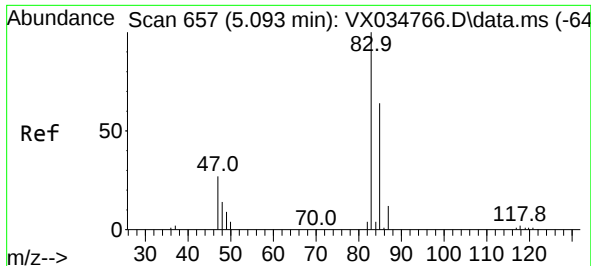
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 21.334 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 73 Resp: 206359
Ion Ratio Lower Upper
73 100
43 22.2 17.9 26.9





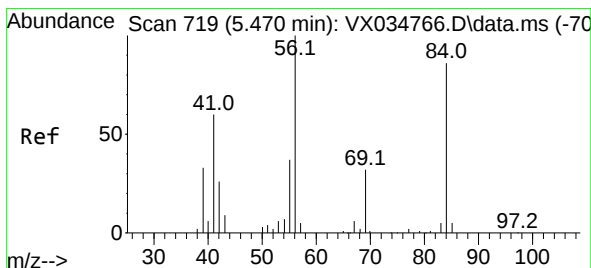
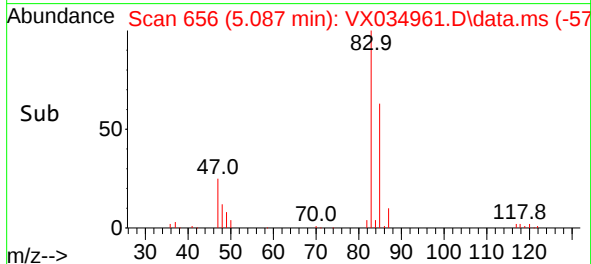
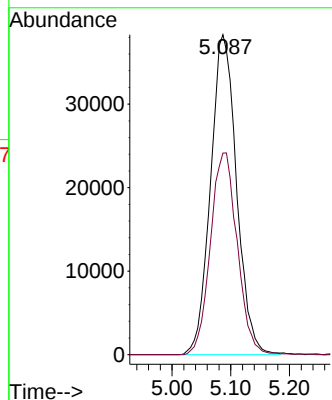
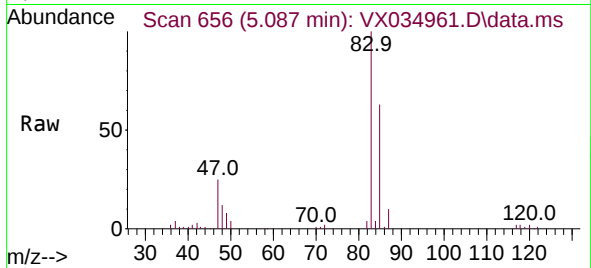
#25
Chloroform
Concen: 21.002 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 11786
Ion Ratio Lower Upper
83 100
85 63.0 51.2 76.8

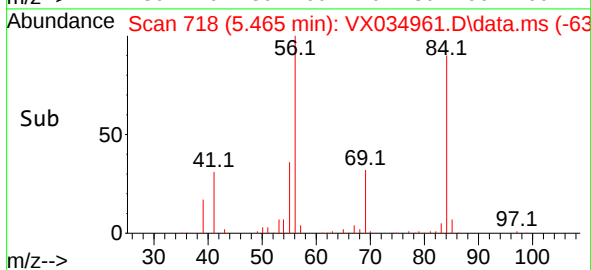
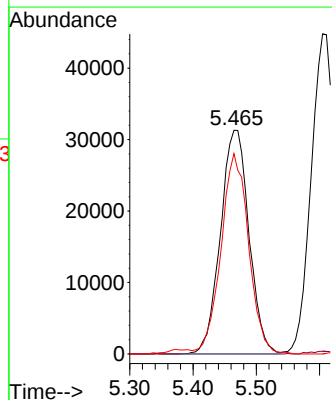
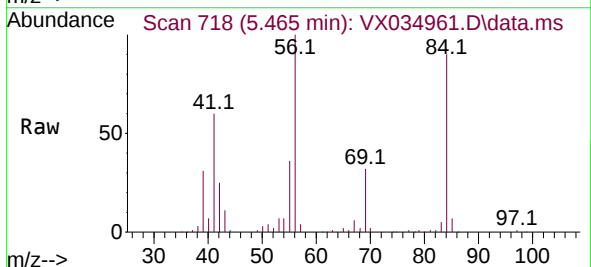
Manual Integrations
APPROVED

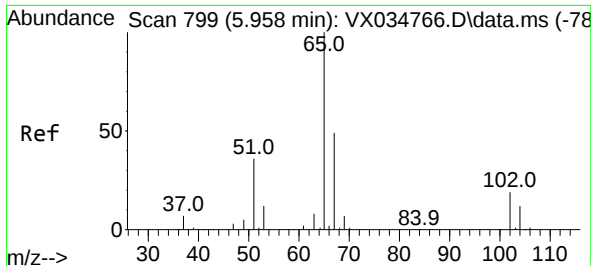
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#26
Cyclohexane
Concen: 20.266 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.005 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 56 Resp: 97992
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.6 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 33.623 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 8472

Ion Ratio Lower Upper

65 100

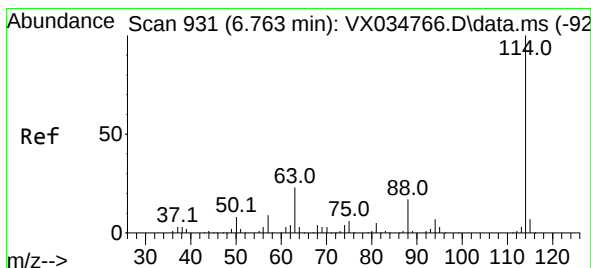
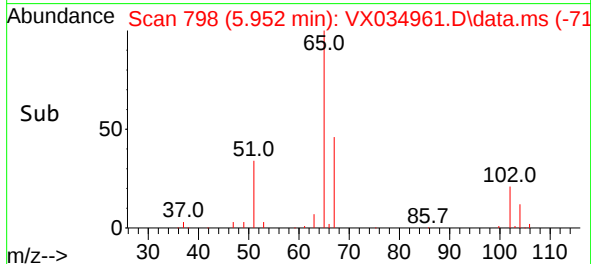
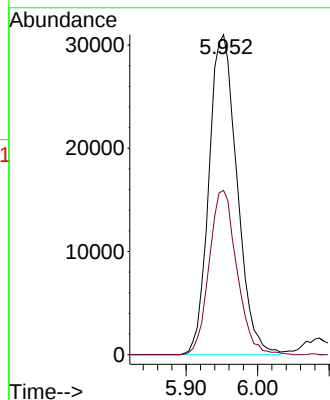
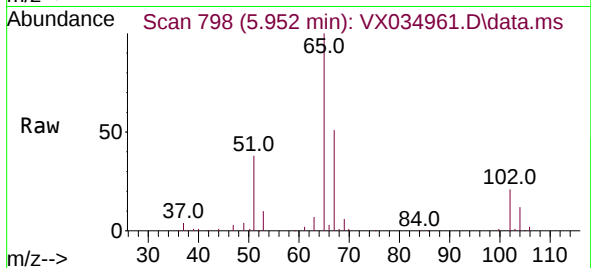
67 50.5 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

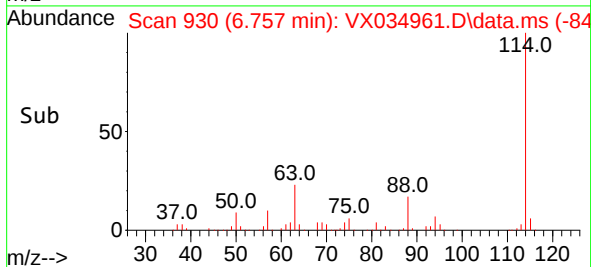
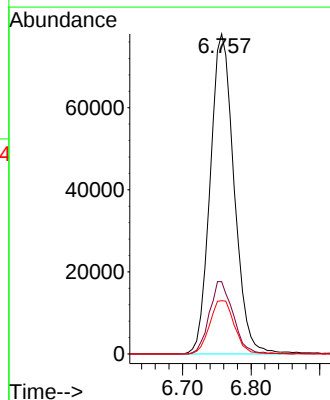
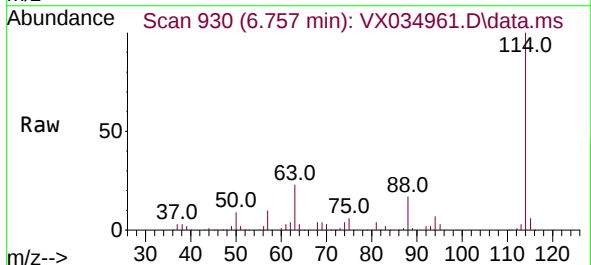
Tgt Ion:114 Resp: 188288

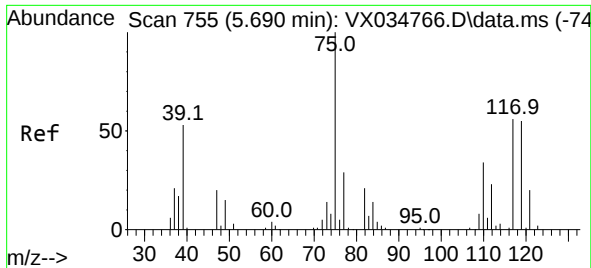
Ion Ratio Lower Upper

114 100

63 22.6 18.0 27.0

88 17.2 13.3 19.9





#29
1,1-Dichloropropene
Concen: 19.781 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

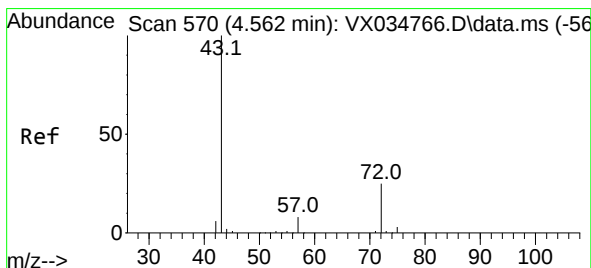
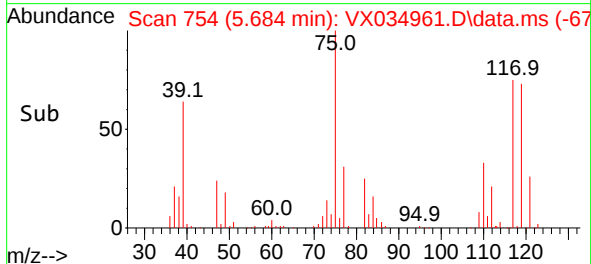
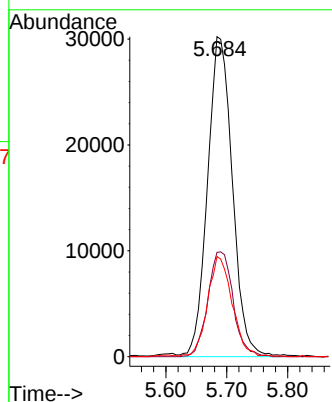
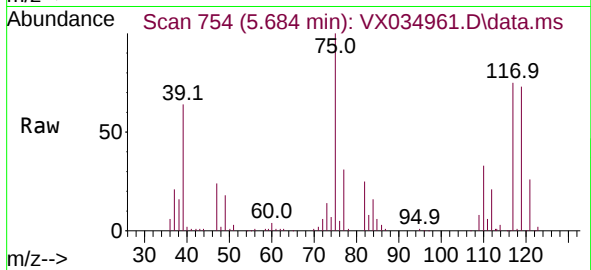
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 8566
Ion Ratio Lower Upper
75 100
110 33.2 0.0 71.4
77 30.7 0.0 61.6

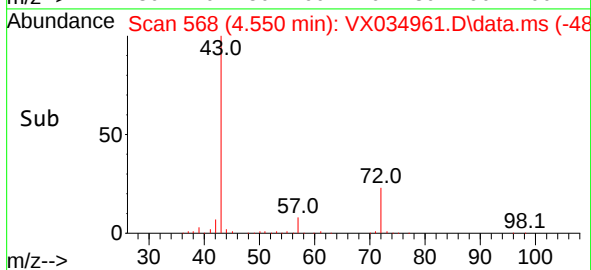
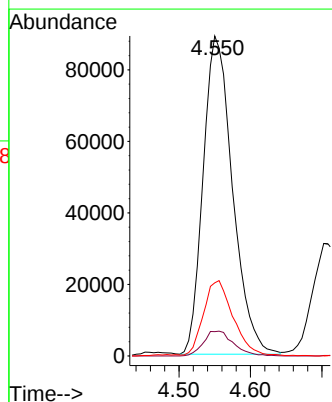
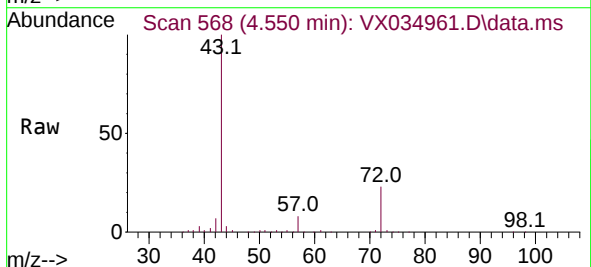
Manual Integrations
APPROVED

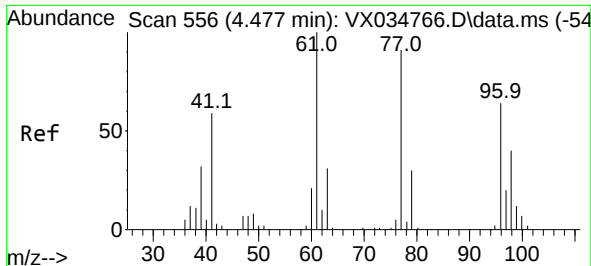
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#30
2-Butanone
Concen: 105.274 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.012 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 43 Resp: 254248
Ion Ratio Lower Upper
43 100
57 3.5 6.3 9.5#
72 23.9 19.6 29.4





#31

2,2-Dichloropropane

Concen: 19.735 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 8667

Ion Ratio Lower Upper

77 100

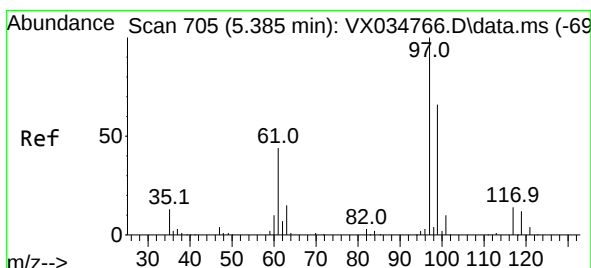
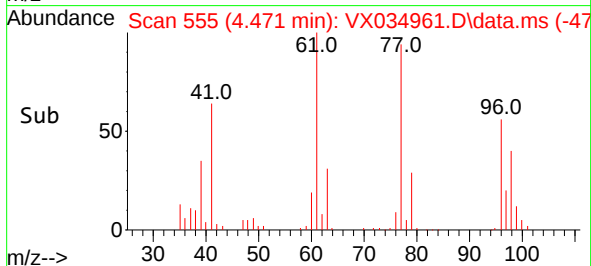
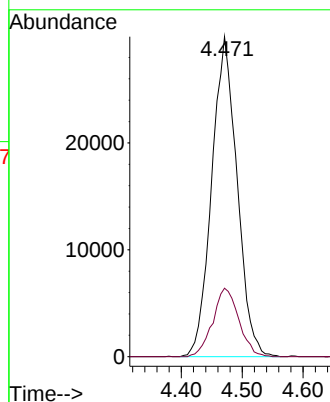
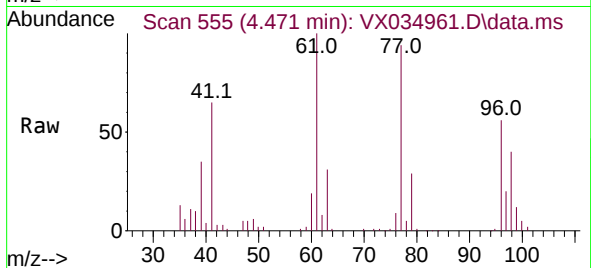
97 22.0 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 19.308 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

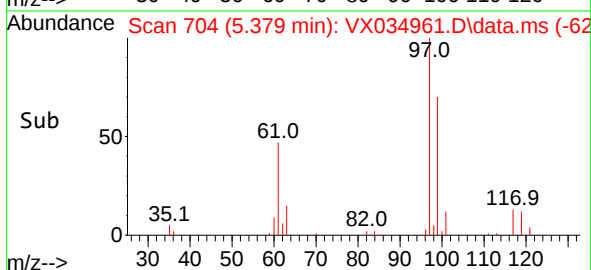
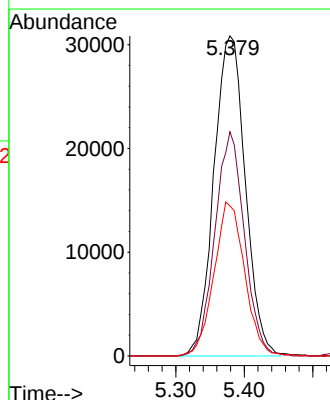
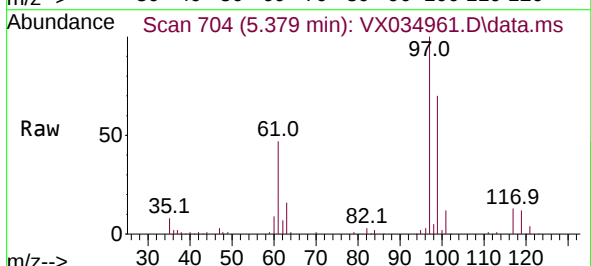
Tgt Ion: 97 Resp: 98094

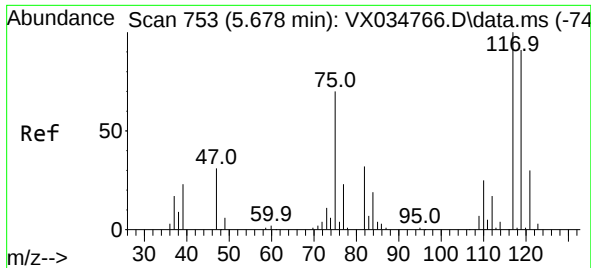
Ion Ratio Lower Upper

97 100

99 65.9 51.3 76.9

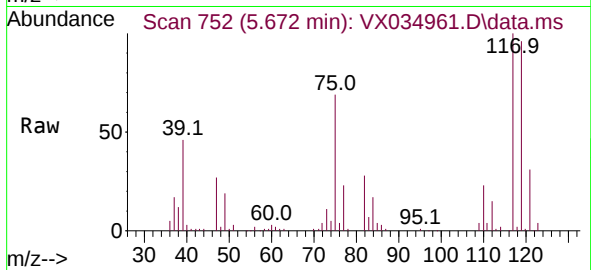
61 46.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 20.140 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

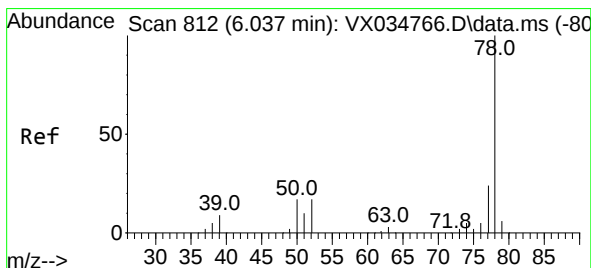
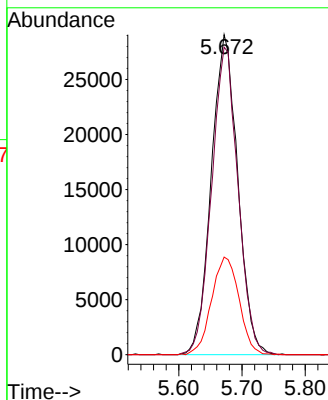
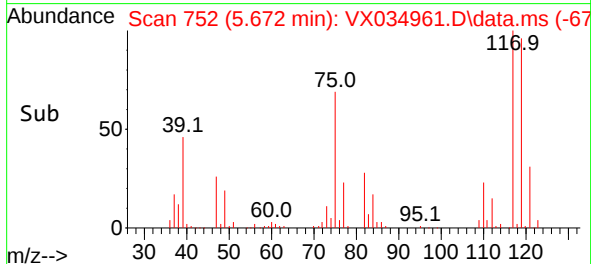
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 8444
Ion Ratio Lower Upper
117 100
119 96.1 73.3 109.9
121 30.5 24.0 36.0

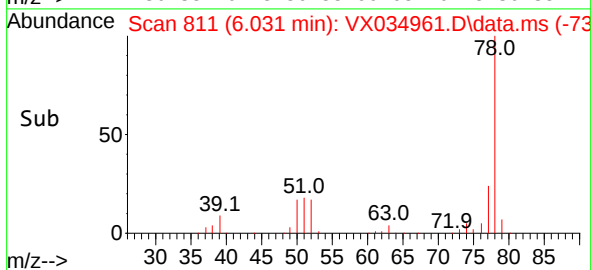
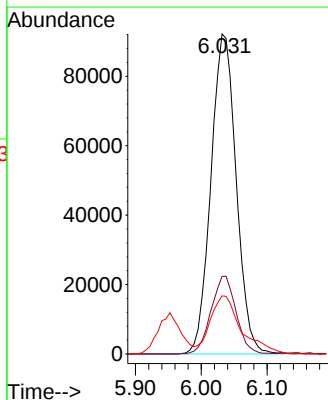
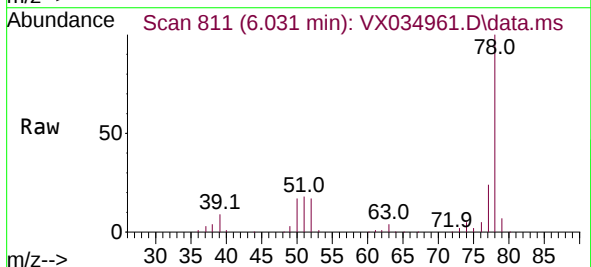
Manual Integrations
APPROVED

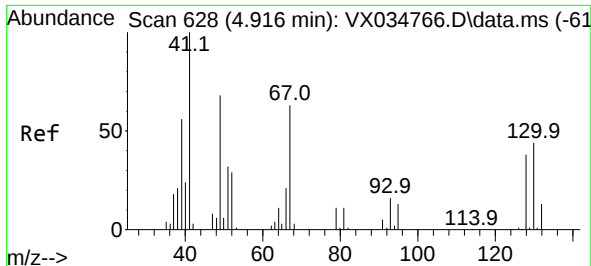
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#34
Benzene
Concen: 19.601 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 78 Resp: 246682
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4
51 17.3 14.6 21.8





#35
Methacrylonitrile
Concen: 19.969 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

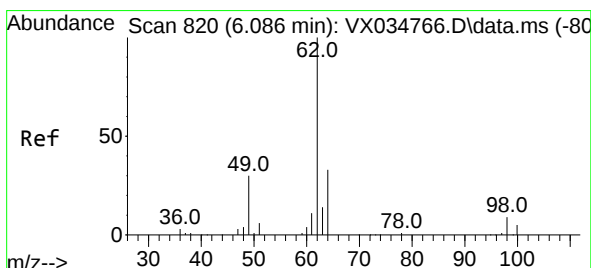
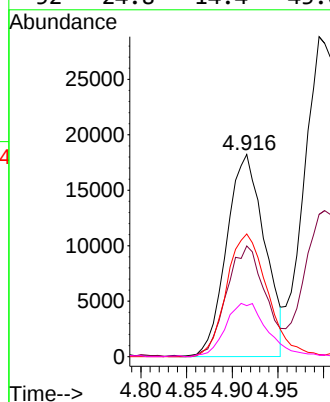
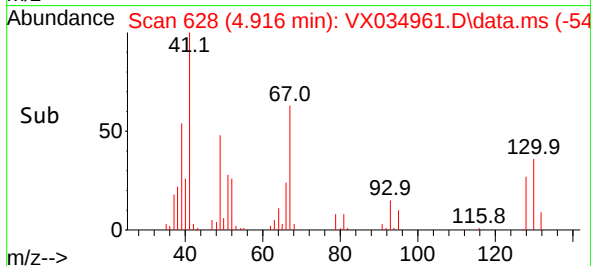
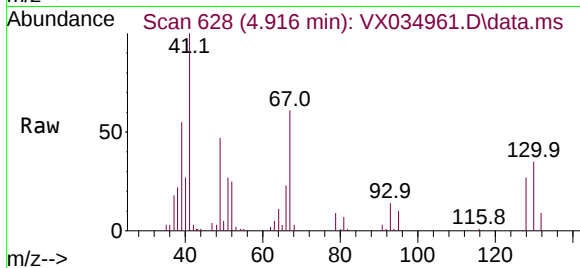
Tgt Ion: 41 Resp: 52780
Ion Ratio Lower Upper
41 100
39 54.9 28.0 84.0
67 60.9 31.6 94.7
52 24.8 14.4 43.0

Manual Integrations

APPROVED

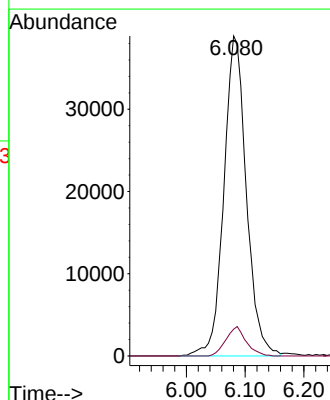
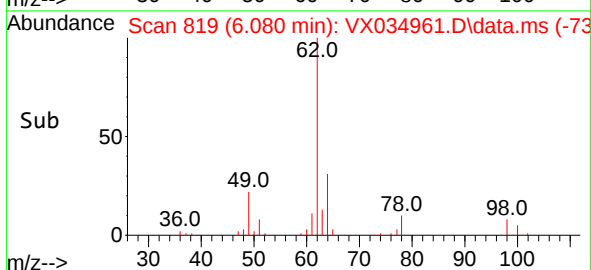
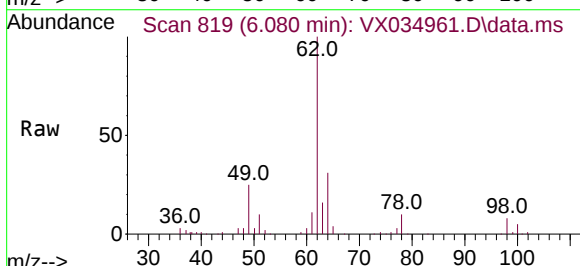
Reviewed By :John Carlone 04/10/2023

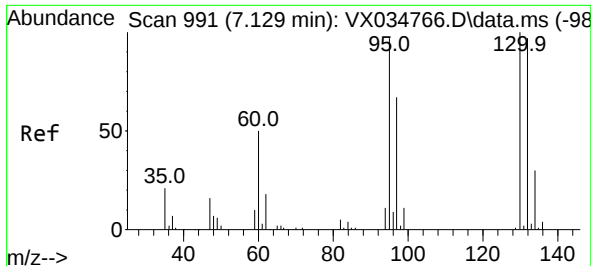
Supervised By :Mahesh Dadoda 04/10/2023



#36
1,2-Dichloroethane
Concen: 20.980 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

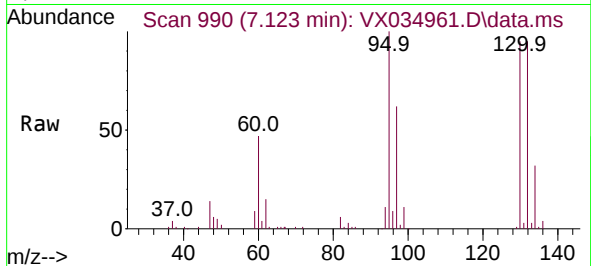
Tgt Ion: 62 Resp: 103520
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6





#37
Trichloroethene
Concen: 19.630 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

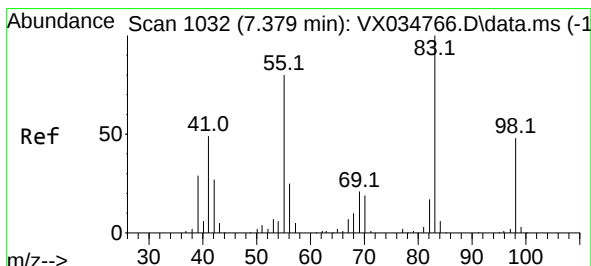
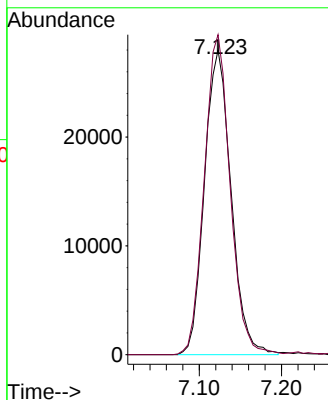
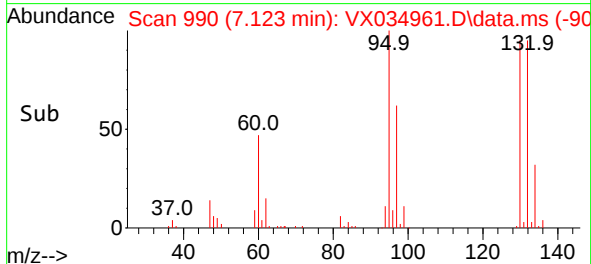
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



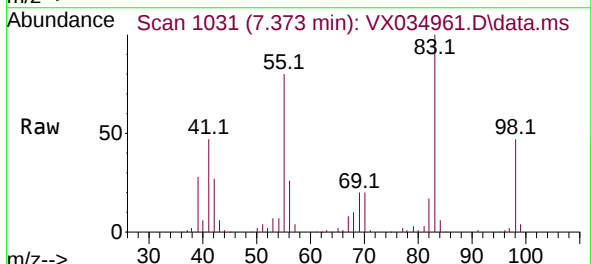
Tgt Ion:130 Resp: 62872
Ion Ratio Lower Upper
130 100
95 104.8 77.8 116.6

Manual Integrations
APPROVED

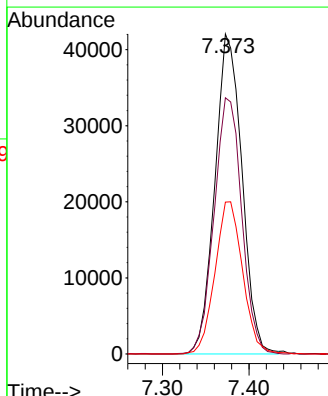
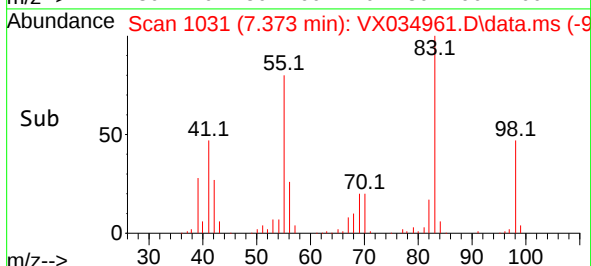
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

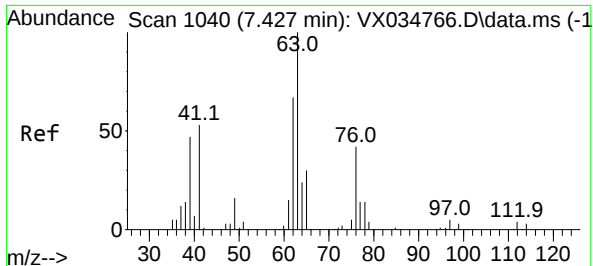


#38
Methylcyclohexane
Concen: 19.283 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26



Tgt Ion: 83 Resp: 91235
Ion Ratio Lower Upper
83 100
55 81.8 38.8 116.4
98 48.7 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.795 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 6475

Ion Ratio Lower Upper

63 100

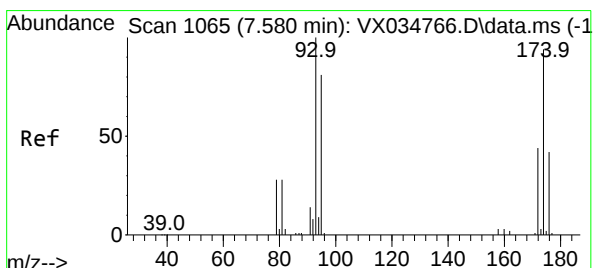
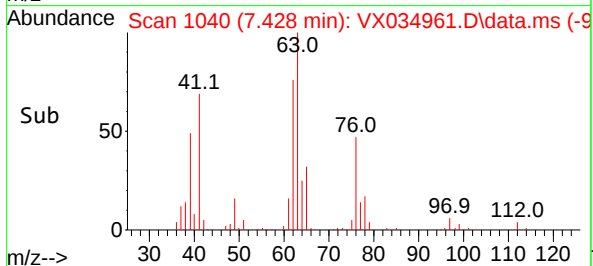
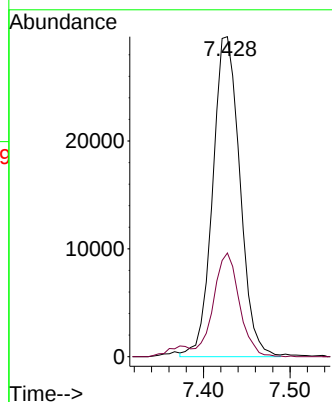
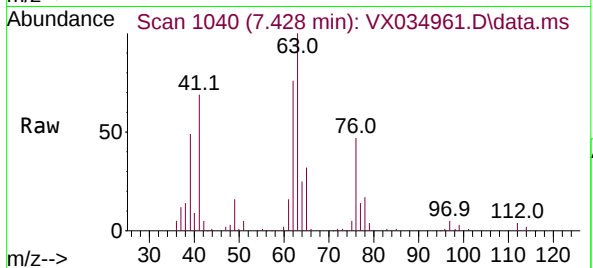
65 32.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#40

Dibromomethane

Concen: 19.855 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

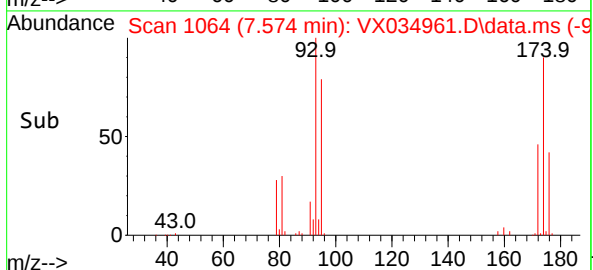
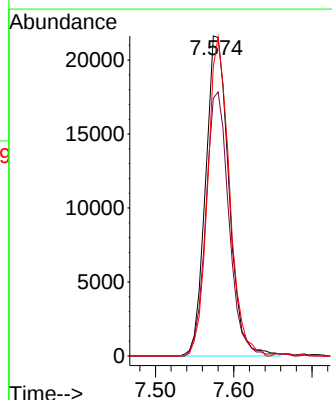
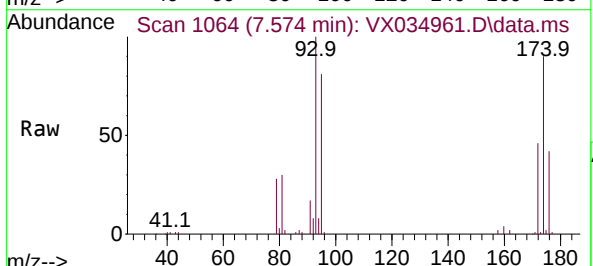
Tgt Ion: 93 Resp: 44616

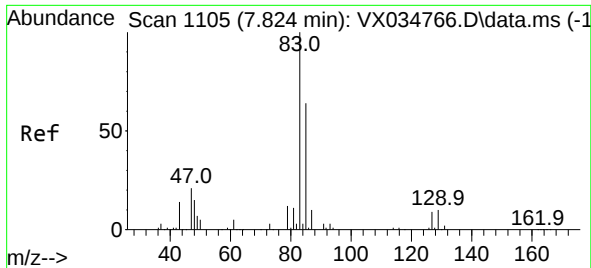
Ion Ratio Lower Upper

93 100

95 81.4 0.0 165.8

174 93.0 0.0 188.8





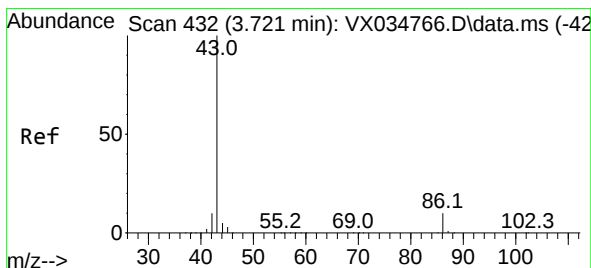
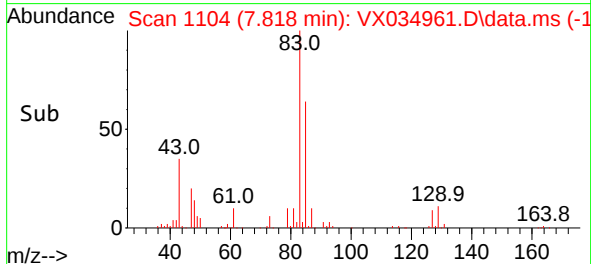
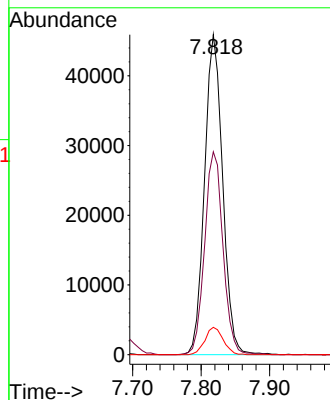
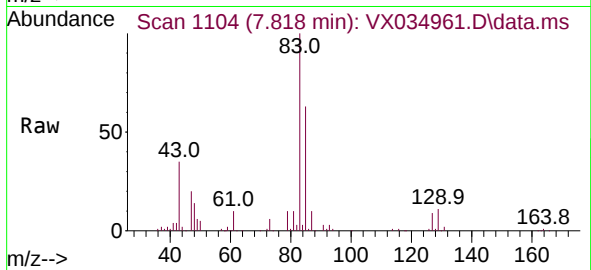
#41
Bromodichloromethane
Concen: 19.995 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 84632
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 8.6 8.2 12.4

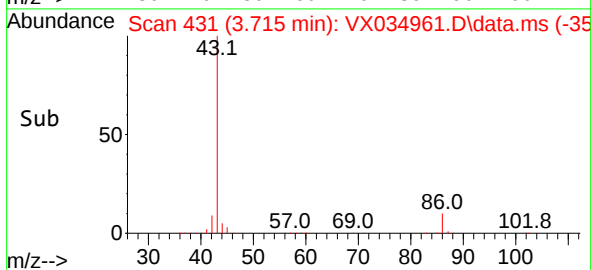
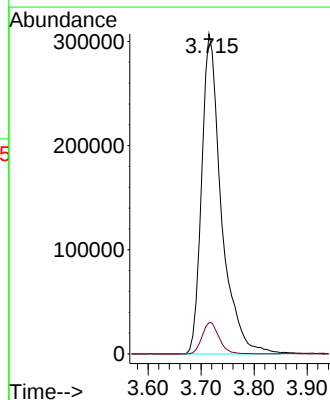
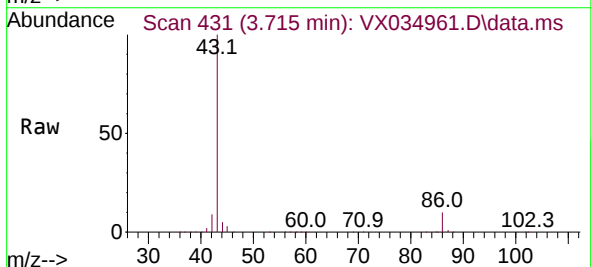
Manual Integrations
APPROVED

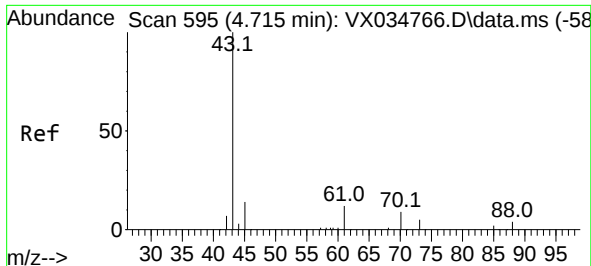
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#42
Vinyl Acetate
Concen: 100.696 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

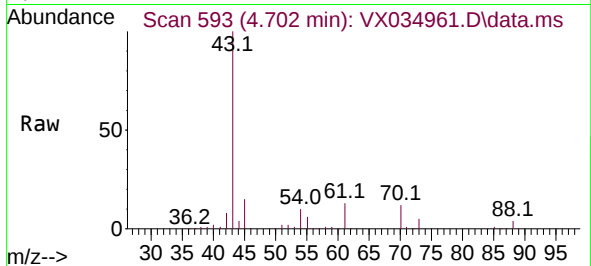
Tgt Ion: 43 Resp: 793381
Ion Ratio Lower Upper
43 100
86 8.5 6.9 10.3





#43
Ethyl Acetate
Concen: 20.016 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.013 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

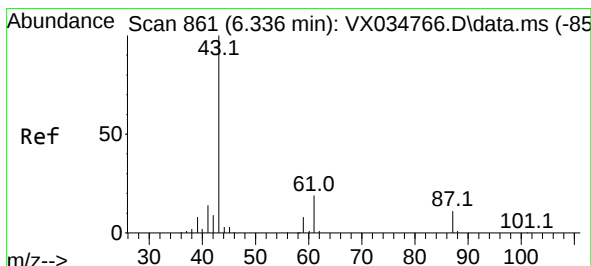
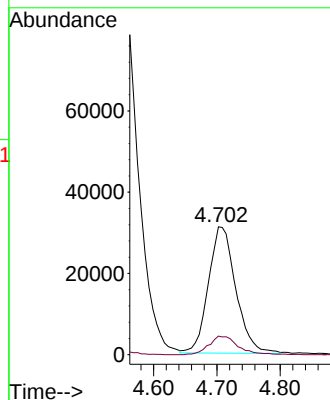
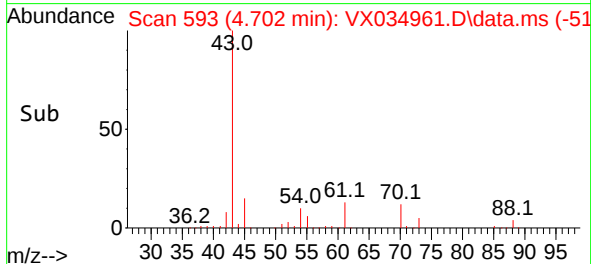
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 9375
Ion Ratio Lower Upper
43 100
45 15.4 12.0 18.0

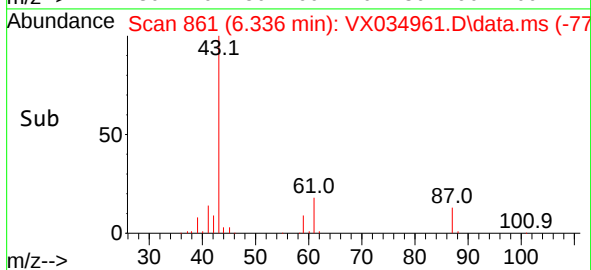
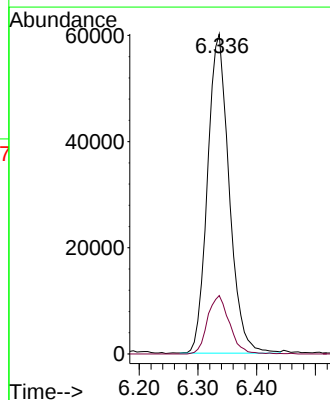
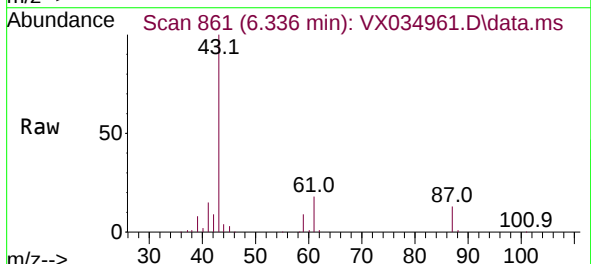
Manual Integrations
APPROVED

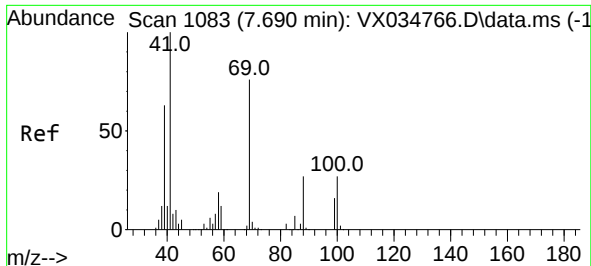
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#44
Isopropyl Acetate
Concen: 19.395 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 43 Resp: 153785
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0





#45

1,4-Dioxane

Concen: 418.820 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

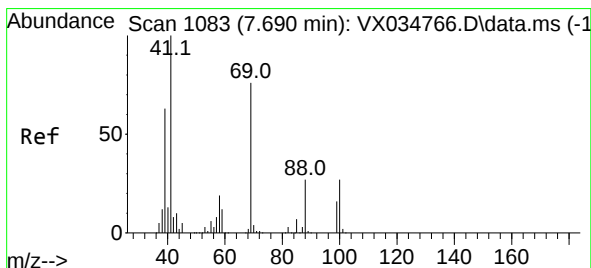
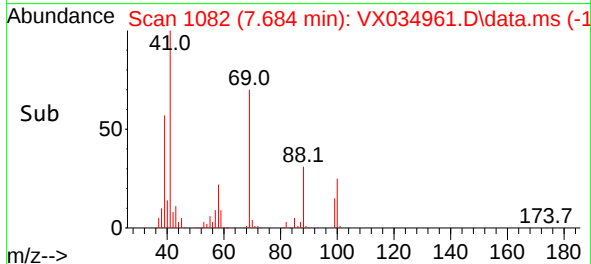
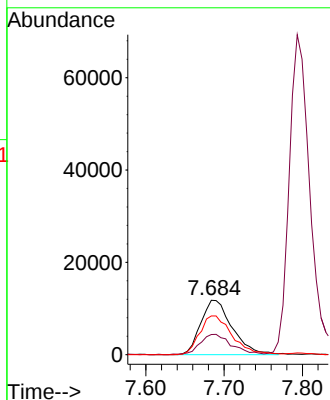
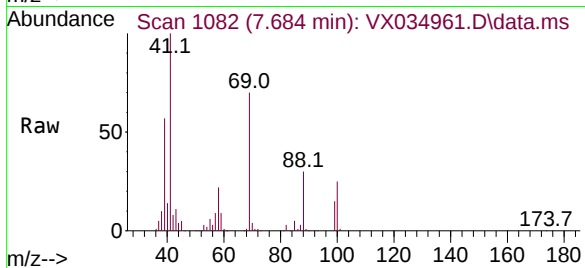
Tgt Ion: 88 Resp: 3290
 Ion Ratio Lower Upper
 88 100
 43 37.5 26.5 39.7
 58 73.4 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#46

Methyl methacrylate

Concen: 20.186 ug/l

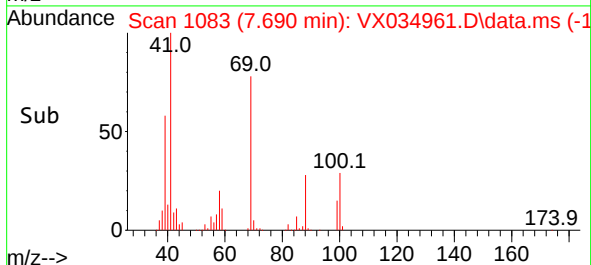
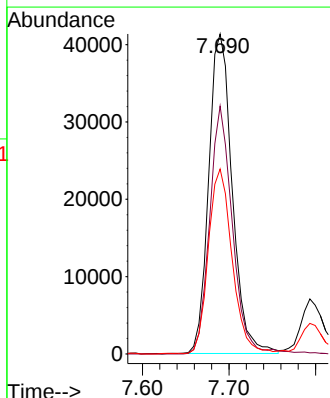
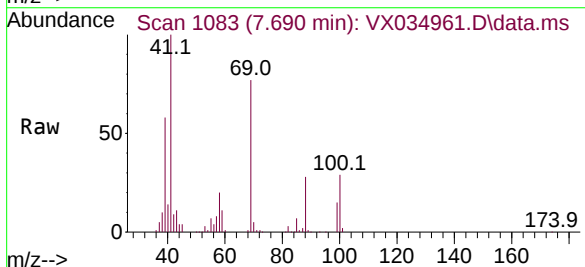
RT: 7.690 min Scan# 1083

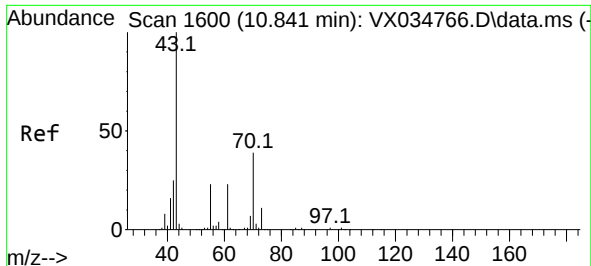
Delta R.T. -0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

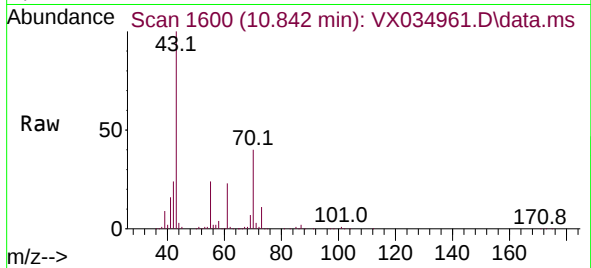
Tgt Ion: 41 Resp: 77987
 Ion Ratio Lower Upper
 41 100
 69 77.5 38.1 114.5
 39 57.7 31.4 94.3





#47
n-amy1 Acetate
Concen: 18.314 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

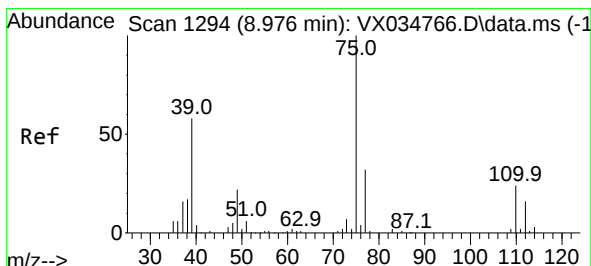
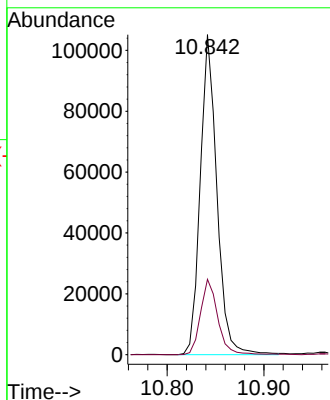
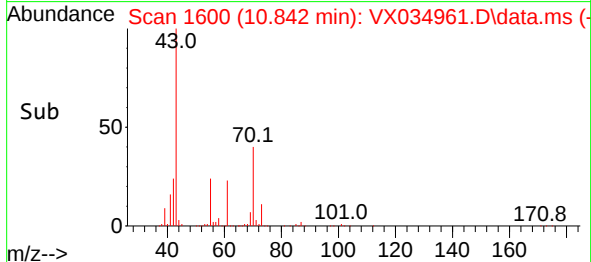
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 126245
Ion Ratio Lower Upper
43 100
55 24.2 18.6 28.0

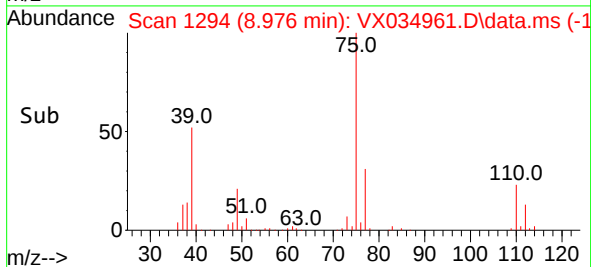
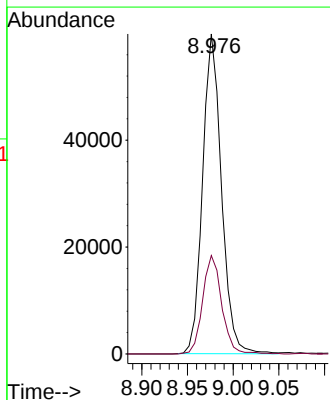
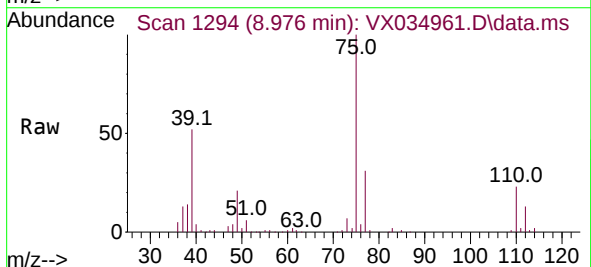
Manual Integrations
APPROVED

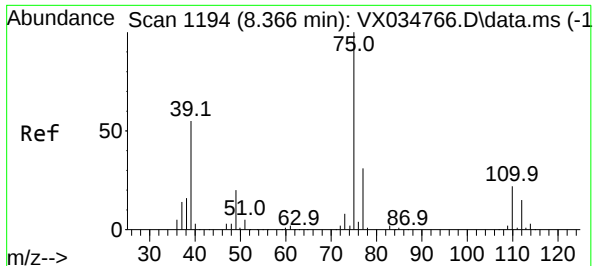
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 18.596 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 75 Resp: 85762
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.175 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 9715

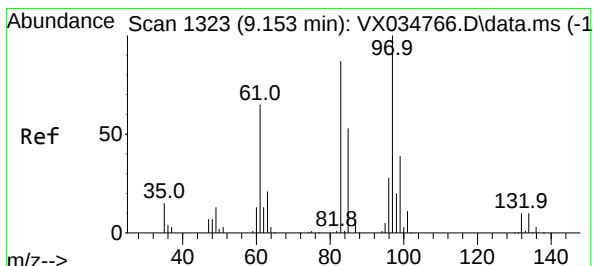
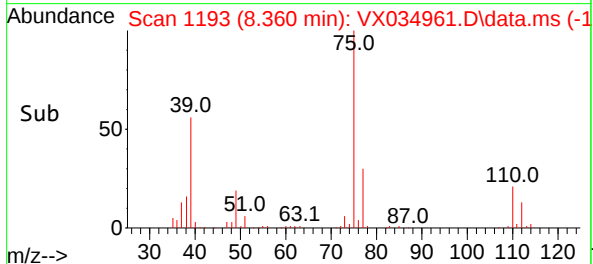
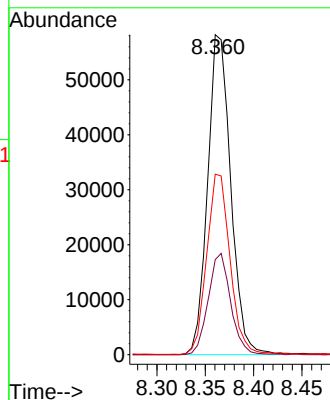
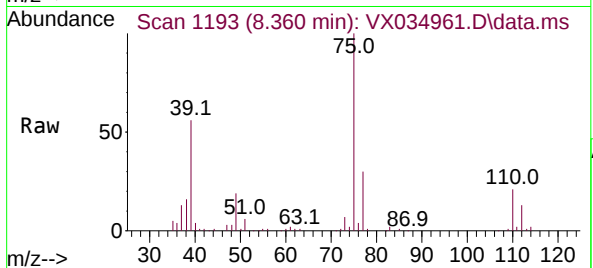
Ion	Ratio	Lower	Upper
75	100		
77	29.7	24.6	37.0
39	56.3	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#50

1,1,2-Trichloroethane

Concen: 19.946 ug/l

RT: 9.147 min Scan# 1322

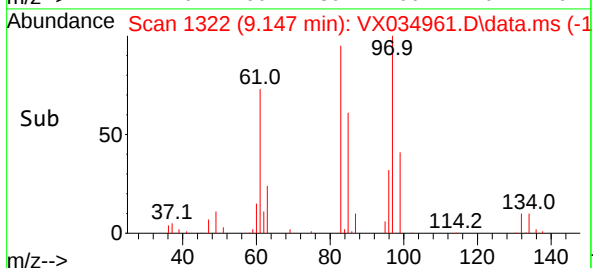
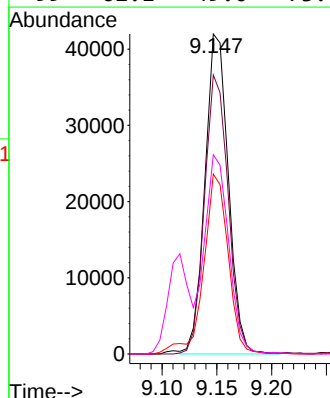
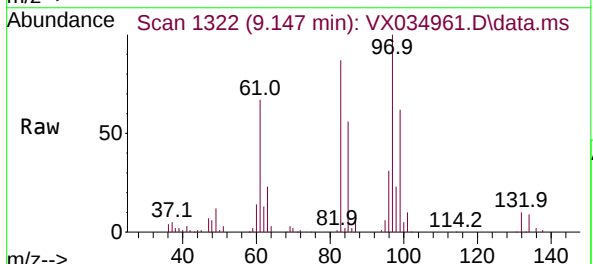
Delta R.T. -0.006 min

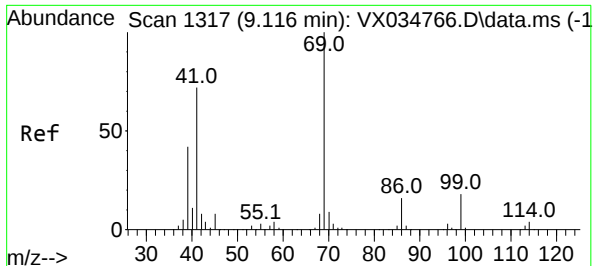
Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Tgt Ion: 97 Resp: 62445

Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.9	103.3
85	56.1	44.0	66.0
99	62.1	49.0	73.4





#51

Ethyl methacrylate

Concen: 19.527 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

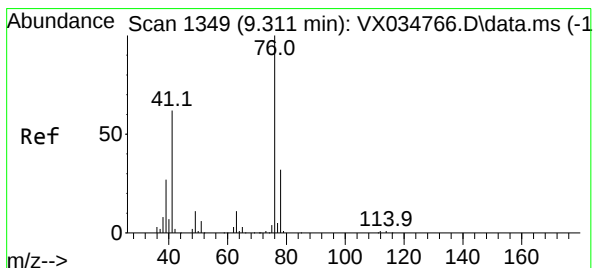
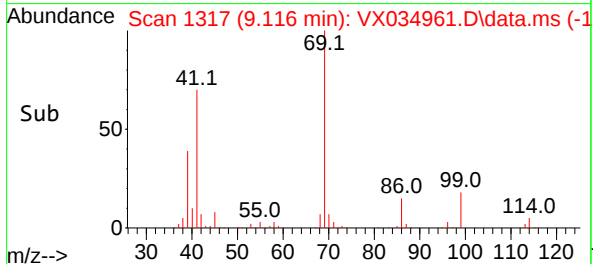
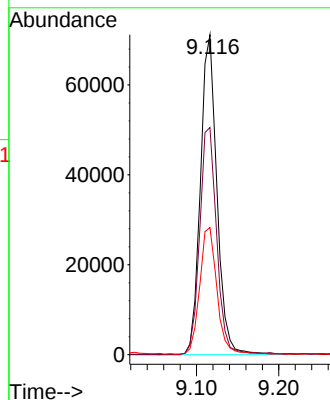
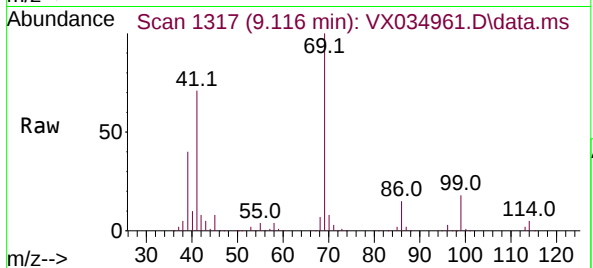
Tgt Ion: 69 Resp: 99220
 Ion Ratio Lower Upper
 69 100
 41 70.9 36.2 108.6
 39 39.5 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#52

1,3-Dichloropropane

Concen: 20.004 ug/l

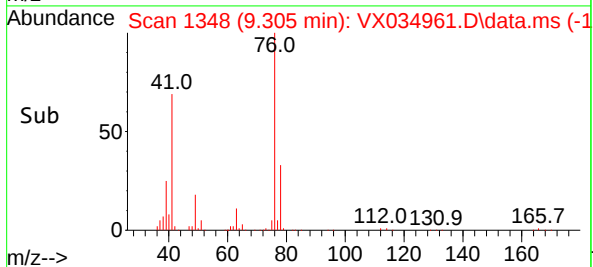
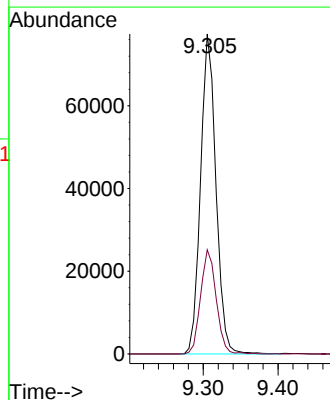
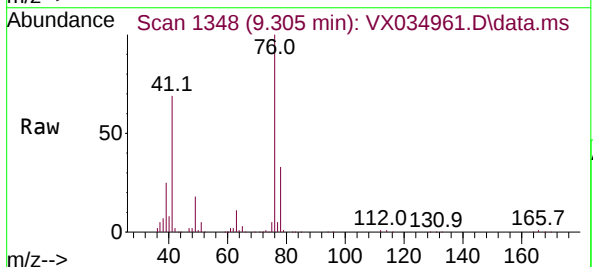
RT: 9.305 min Scan# 1348

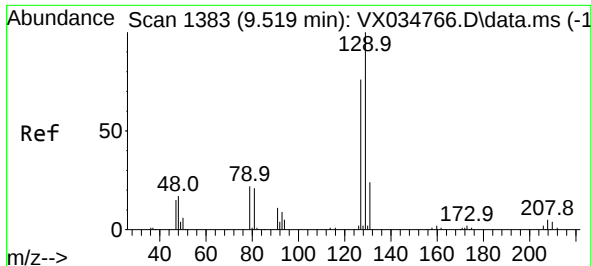
Delta R.T. -0.006 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

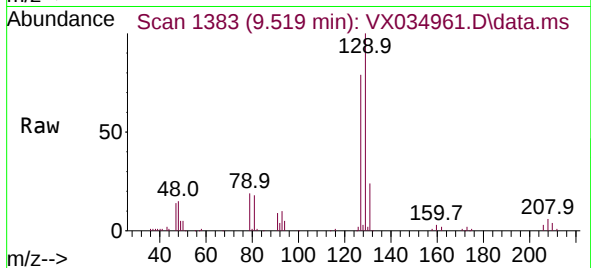
Tgt Ion: 76 Resp: 110624
 Ion Ratio Lower Upper
 76 100
 78 32.7 0.0 63.8





#53
Dibromochloromethane
Concen: 19.241 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

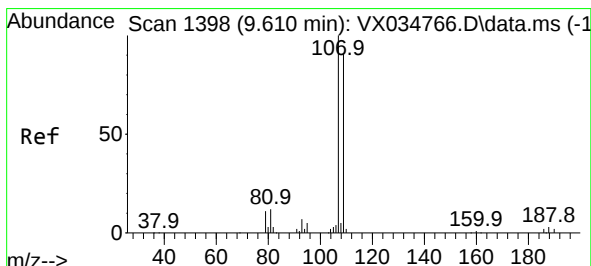
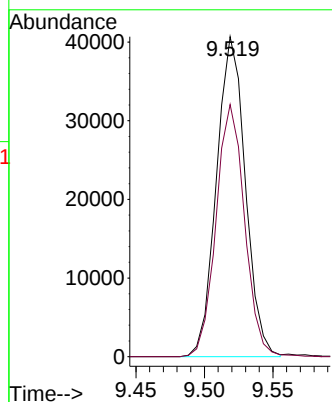
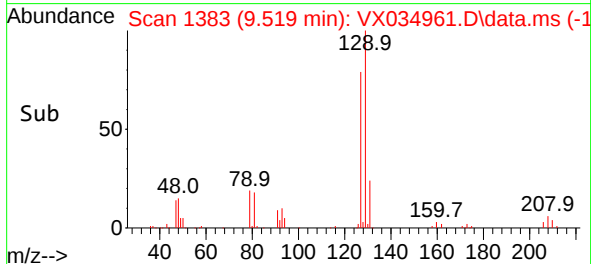
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 59590
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5

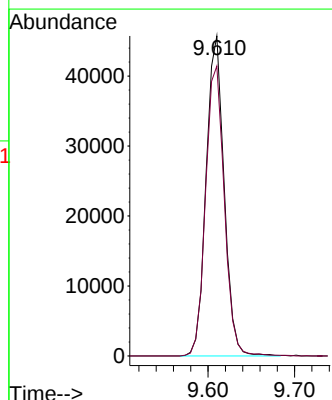
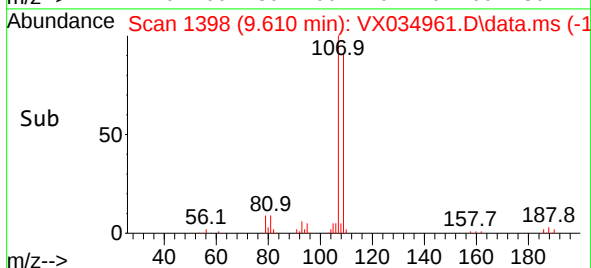
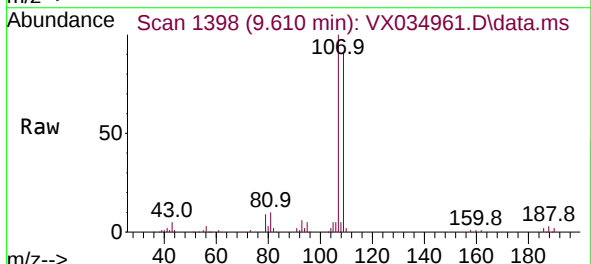
Manual Integrations
APPROVED

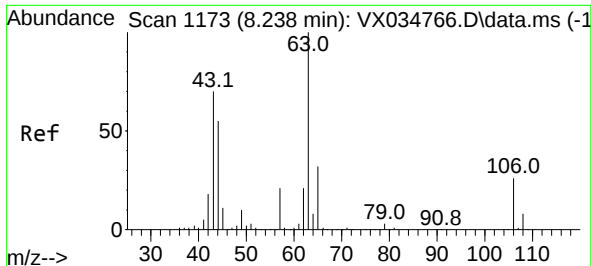
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#54
1,2-Dibromoethane
Concen: 19.714 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

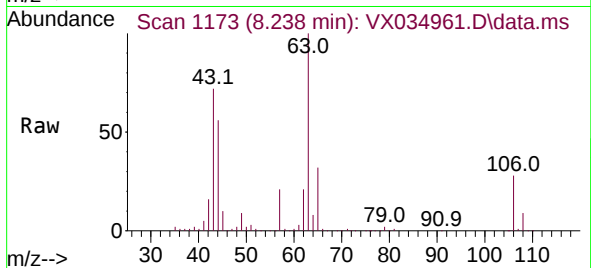
Tgt Ion:107 Resp: 66018
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 102.269 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

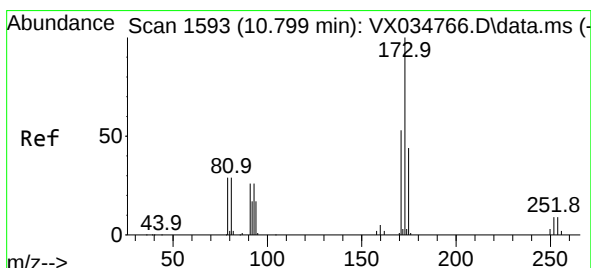
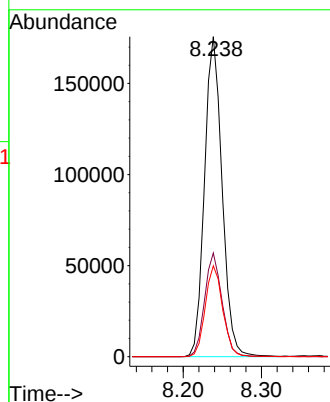
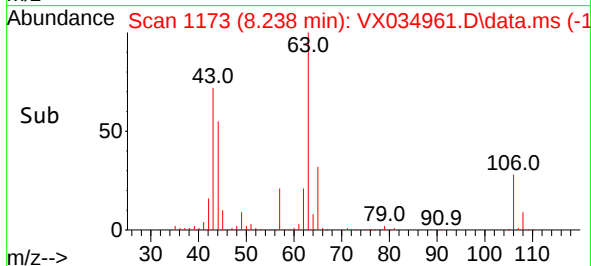
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 273459
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2
106 28.2 21.6 32.4

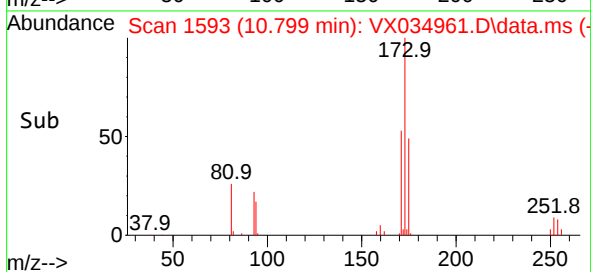
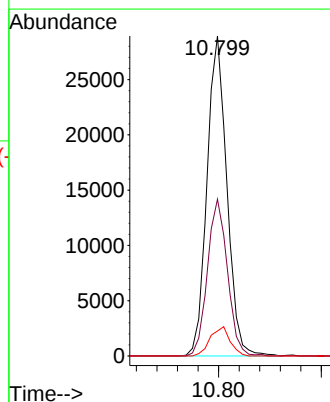
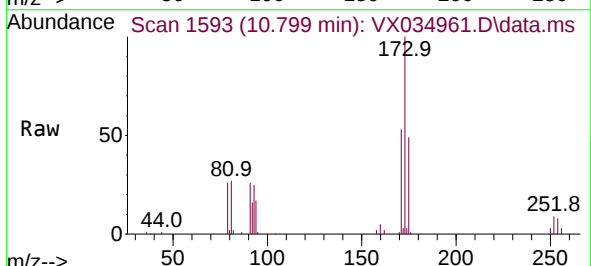
Manual Integrations
APPROVED

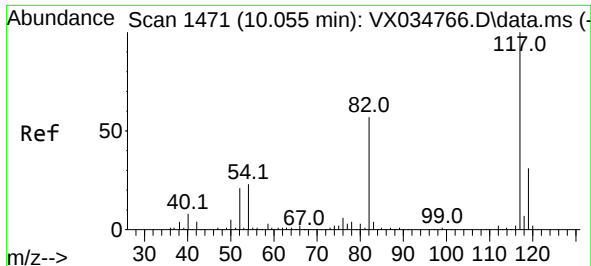
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#56
Bromoform
Concen: 18.186 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion:173 Resp: 38834
Ion Ratio Lower Upper
173 100
175 49.1 37.0 55.4
254 9.1 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 206823

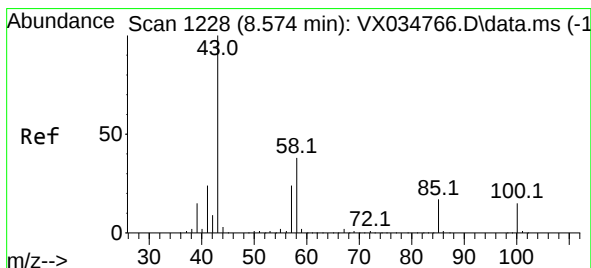
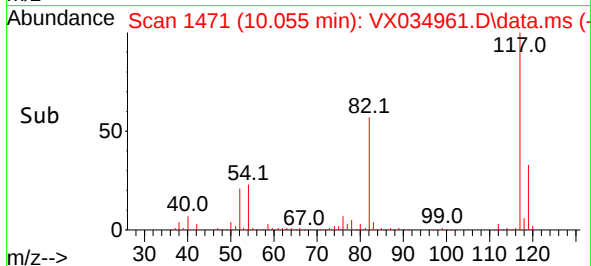
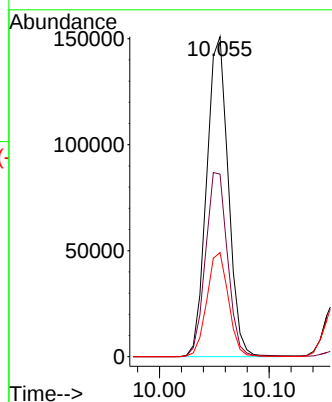
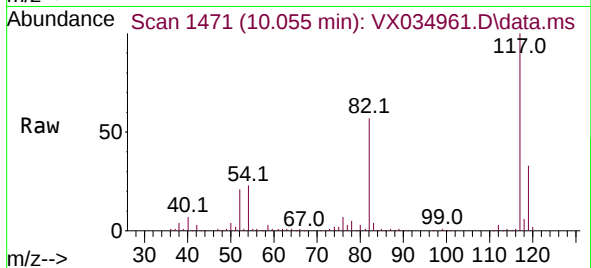
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.8	68.8
119	32.6	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#58

4-Methyl-2-Pentanone

Concen: 102.482 ug/l

RT: 8.568 min Scan# 1227

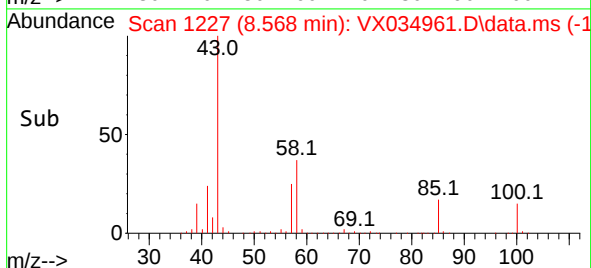
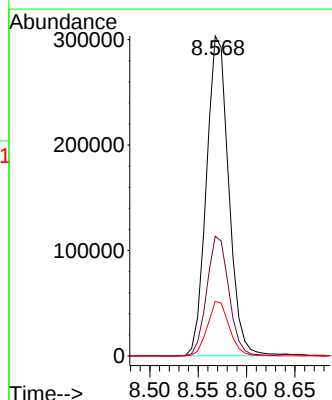
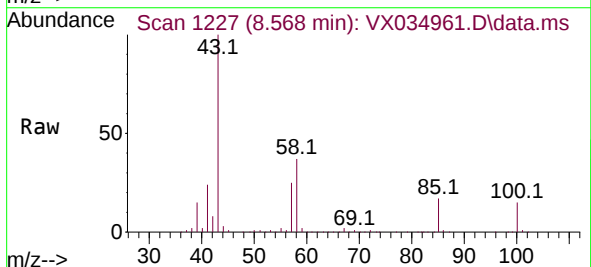
Delta R.T. -0.006 min

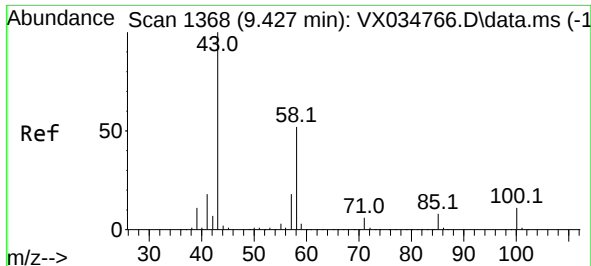
Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Tgt Ion: 43 Resp: 485969

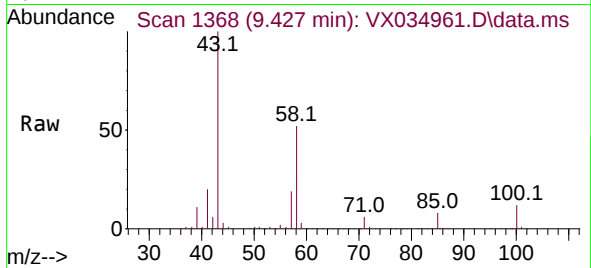
Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.9	44.9
85	16.8	13.2	19.8





#59
2-Hexanone
Concen: 102.485 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

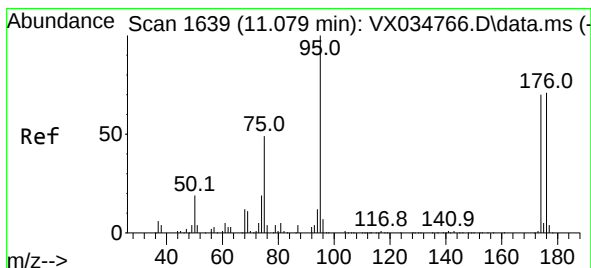
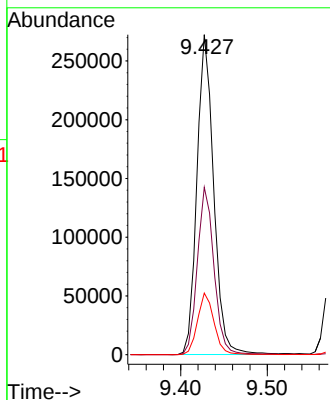
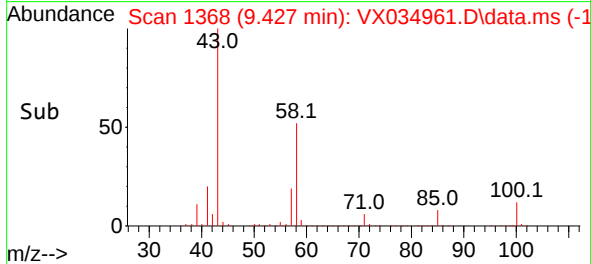
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 365904
Ion Ratio Lower Upper
43 100
58 51.9 41.7 62.5
57 18.9 14.7 22.1

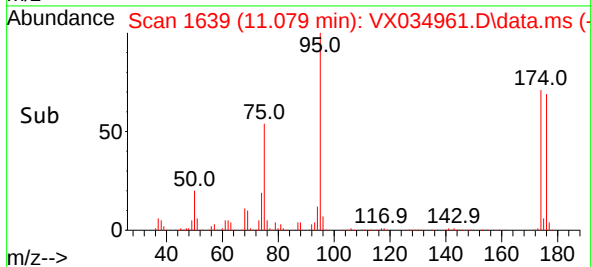
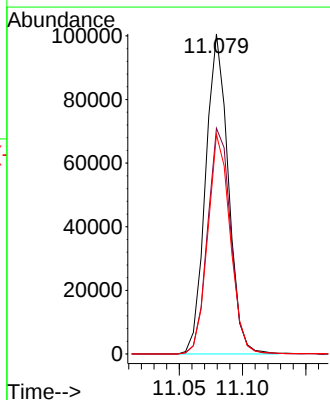
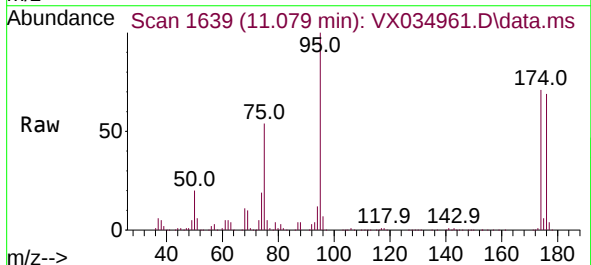
Manual Integrations
APPROVED

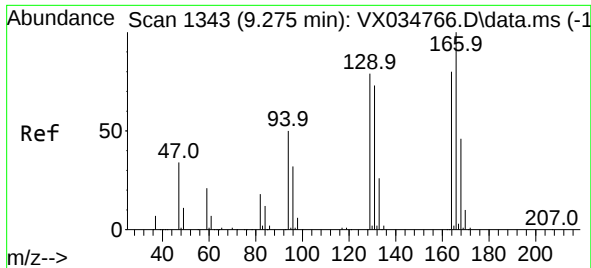
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#60
4-Bromofluorobenzene
Concen: 30.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

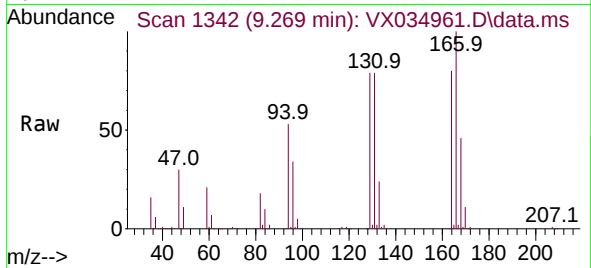
Tgt Ion: 95 Resp: 125368
Ion Ratio Lower Upper
95 100
174 71.8 0.2 0.4#
176 68.0 0.2 0.2#





#61
Tetrachloroethene
Concen: 20.150 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

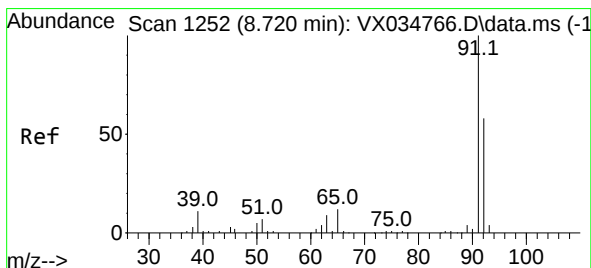
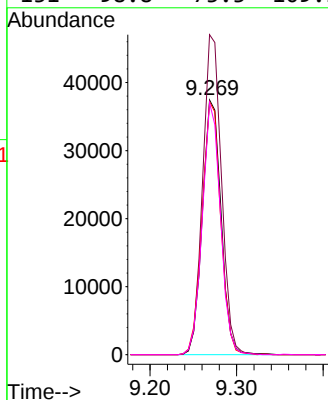
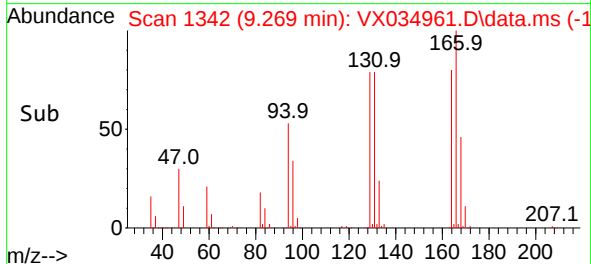
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 5615
Ion Ratio Lower Upper
164 100
166 125.6 100.1 150.1
129 99.3 79.1 118.7
131 98.8 73.3 109.9

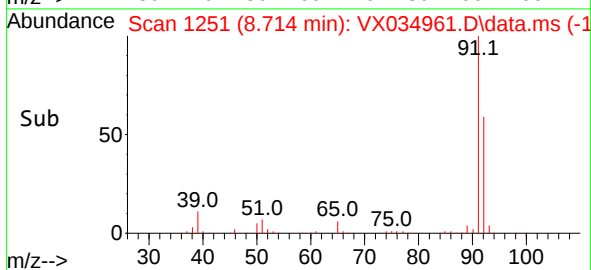
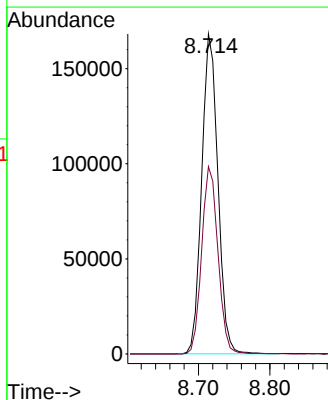
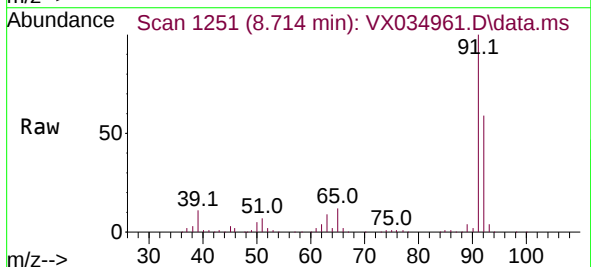
Manual Integrations
APPROVED

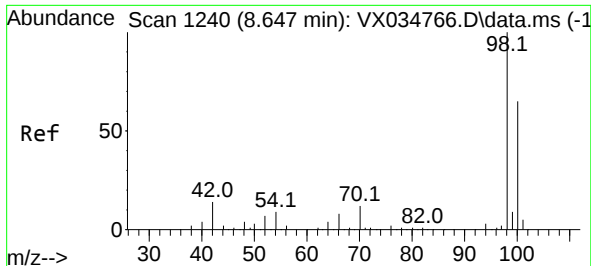
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#62
Toluene
Concen: 19.556 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

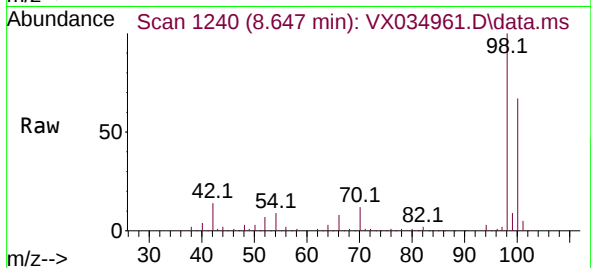
Tgt Ion: 91 Resp: 264474
Ion Ratio Lower Upper
91 100
92 58.8 46.5 69.7





#63
Toluene-d8
Concen: 29.807 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

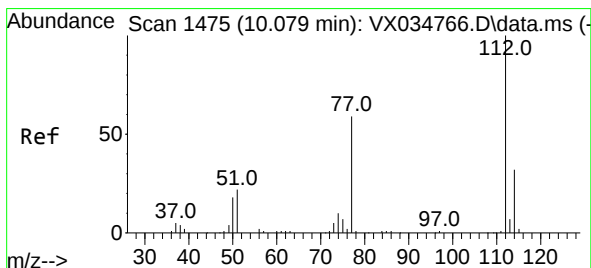
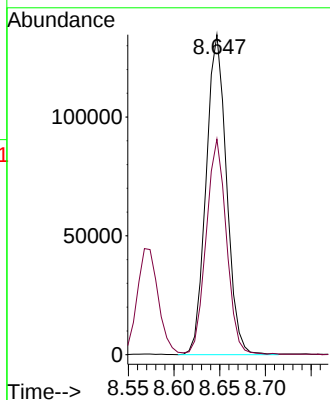
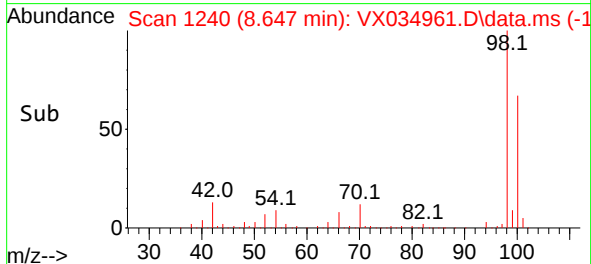
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



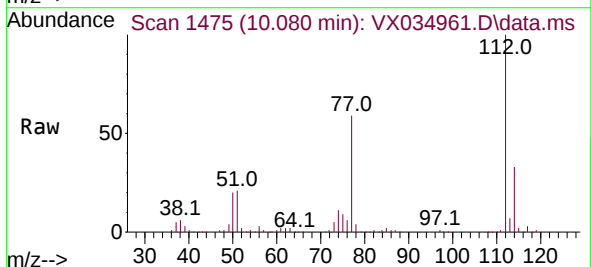
Tgt Ion: 98 Resp: 20950
Ion Ratio Lower Upper
98 100
100 66.8 52.1 78.1

Manual Integrations
APPROVED

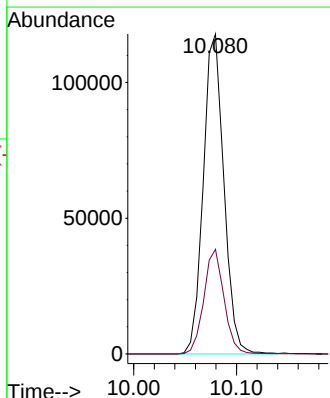
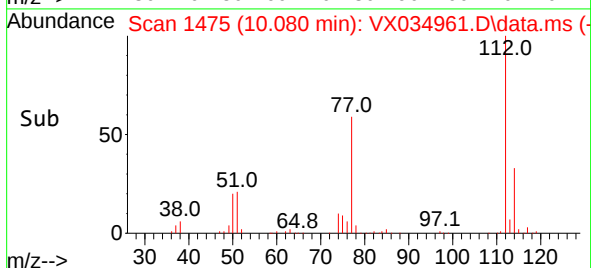
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

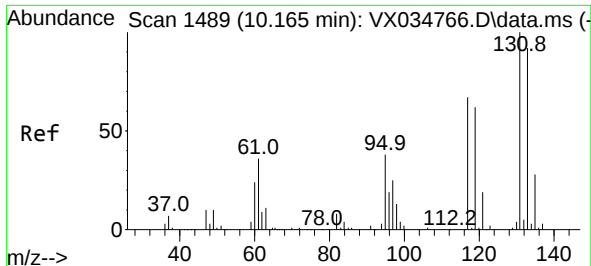


#64
Chlorobenzene
Concen: 19.716 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26



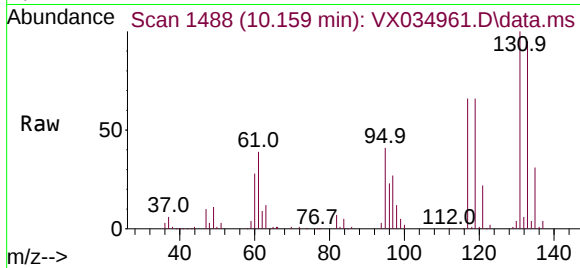
Tgt Ion:112 Resp: 164200
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.429 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

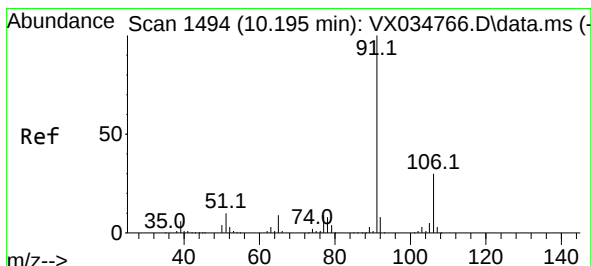
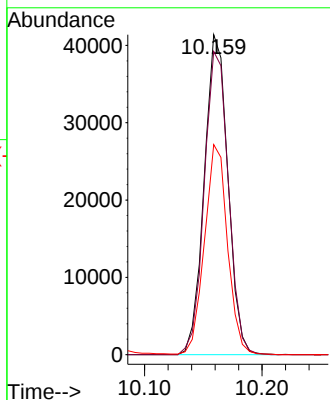
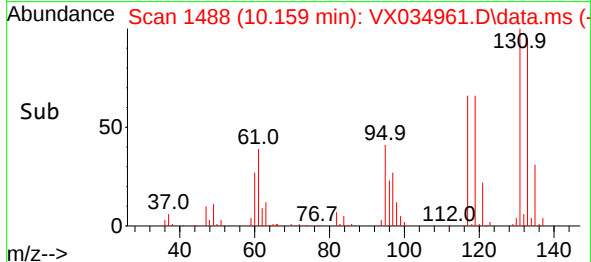
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 57844
Ion Ratio Lower Upper
131 100
133 96.8 0.0 186.6
119 64.0 0.0 128.6

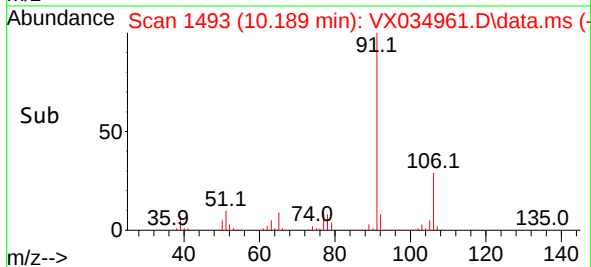
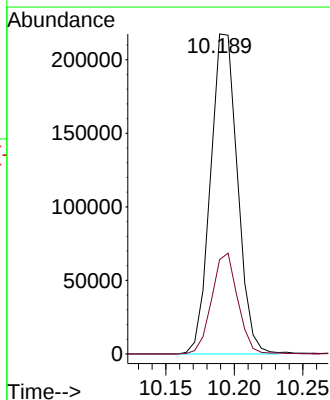
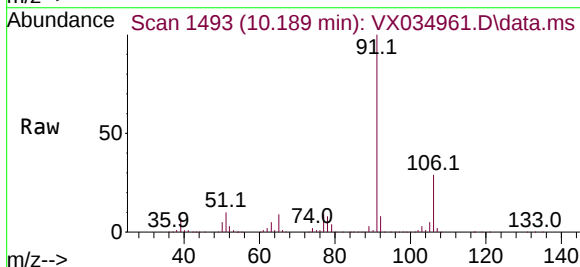
Manual Integrations
APPROVED

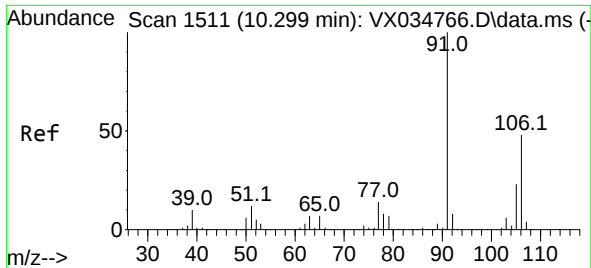
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#66
Ethyl Benzene
Concen: 19.815 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 91 Resp: 298461
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





#67
m/p-Xylenes
Concen: 39.713 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

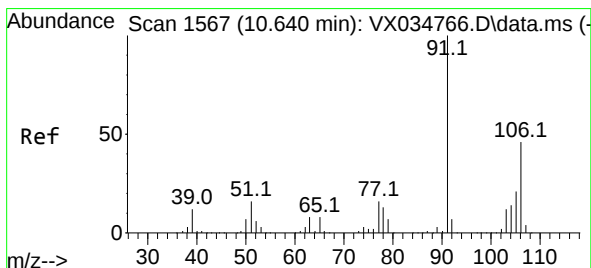
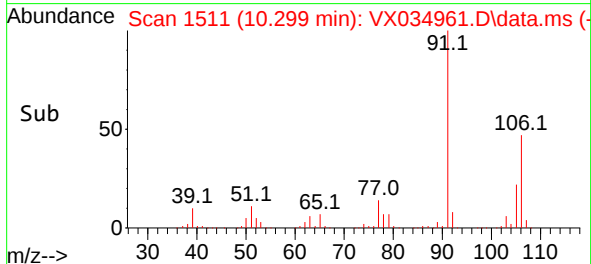
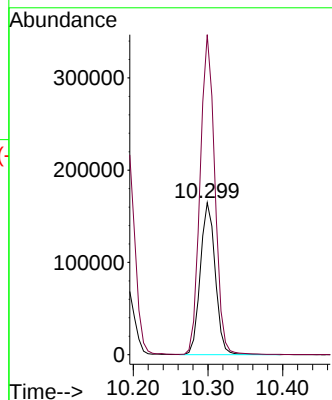
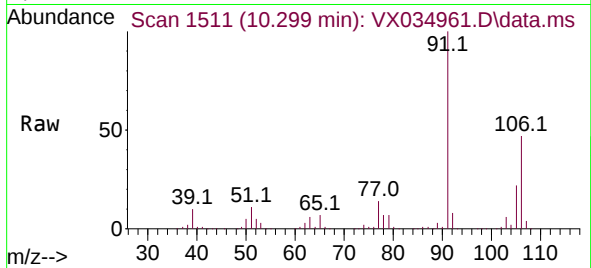
VSTDCCC020

Tgt Ion:106 Resp: 22760
Ion Ratio Lower Upper
106 100
91 207.6 167.4 251.2

Manual Integrations

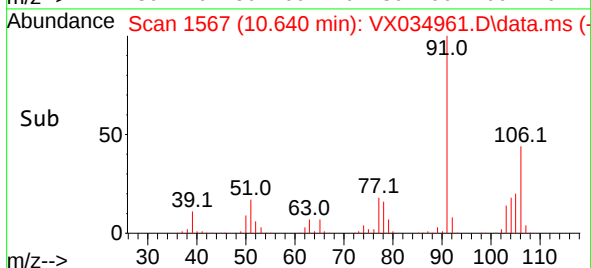
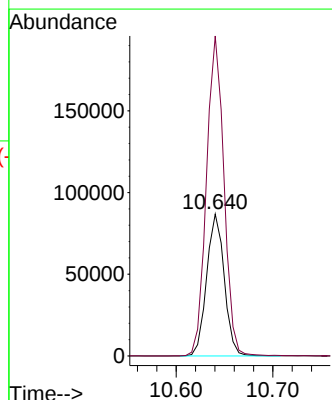
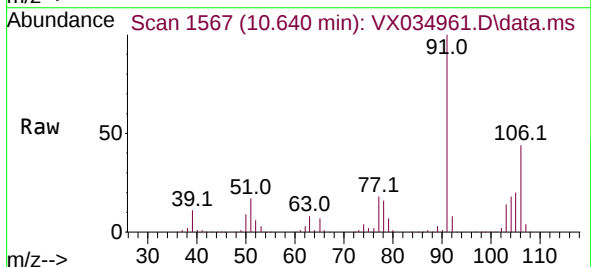
APPROVED

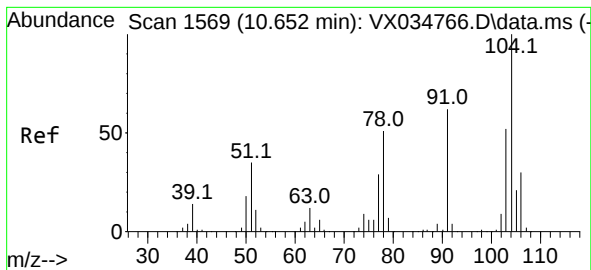
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#68
o-Xylene
Concen: 19.418 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion:106 Resp: 110056
Ion Ratio Lower Upper
106 100
91 223.6 108.9 326.8





#69

Styrene

Concen: 19.572 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 182870

Ion Ratio Lower Upper

104 100

78 54.1 42.8 64.2

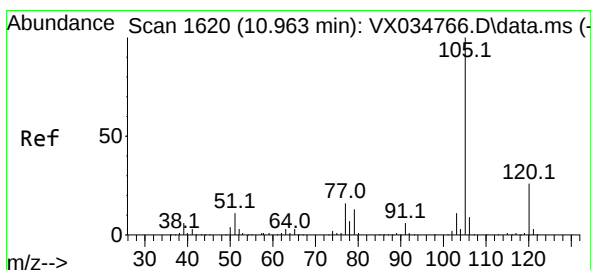
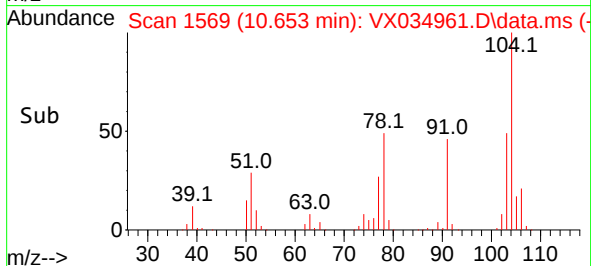
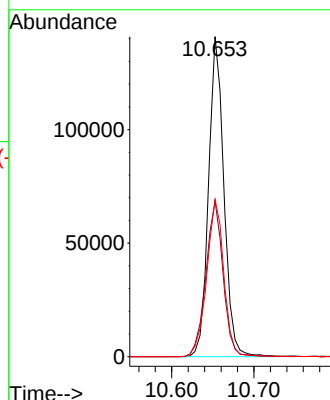
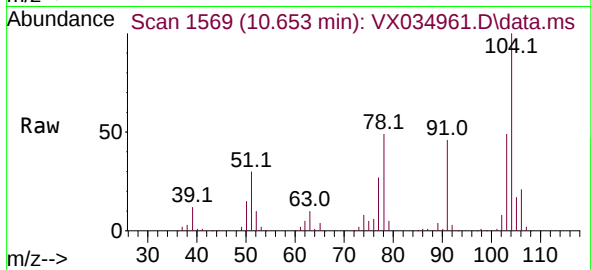
103 54.5 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#70

Isopropylbenzene

Concen: 19.684 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX034961.D

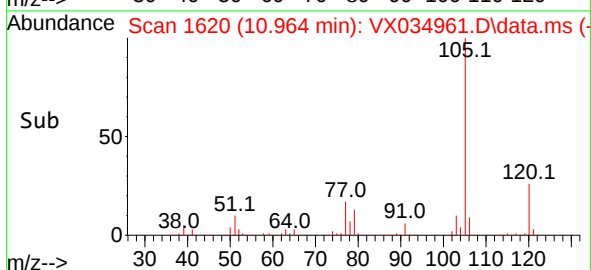
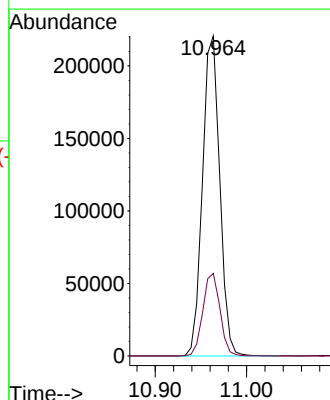
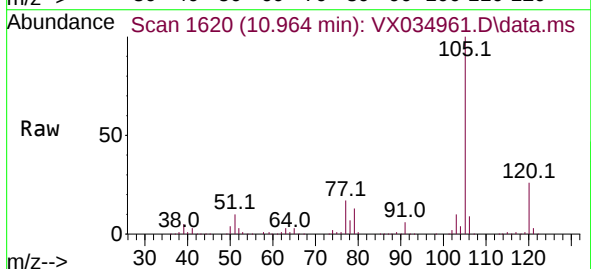
Acq: 07 Apr 2023 10:26

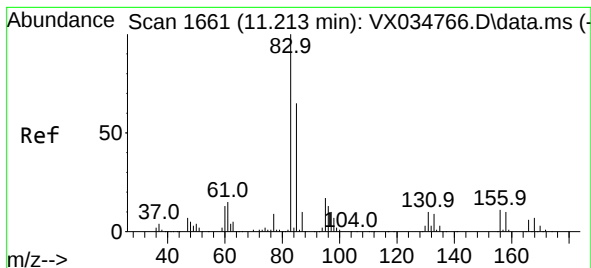
Tgt Ion:105 Resp: 288737

Ion Ratio Lower Upper

105 100

120 25.7 18.5 34.3





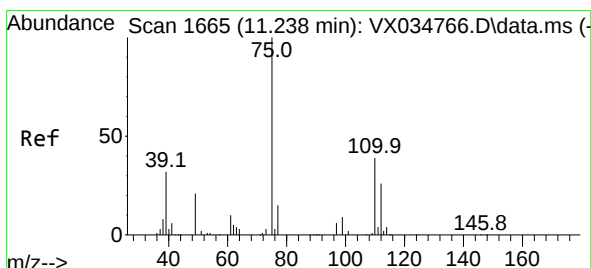
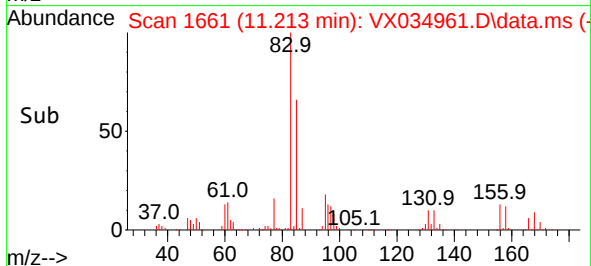
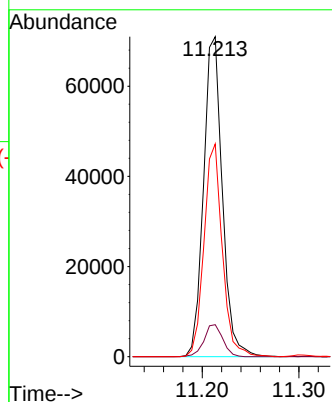
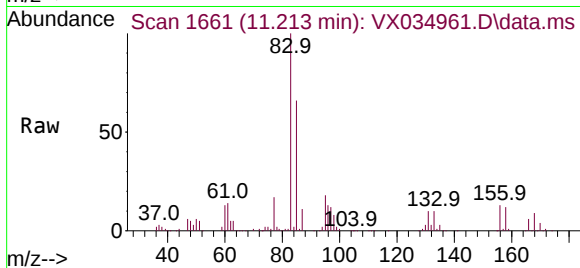
#71
1,1,2,2-Tetrachloroethane
Concen: 19.937 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 96120
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.7 31.9 95.5

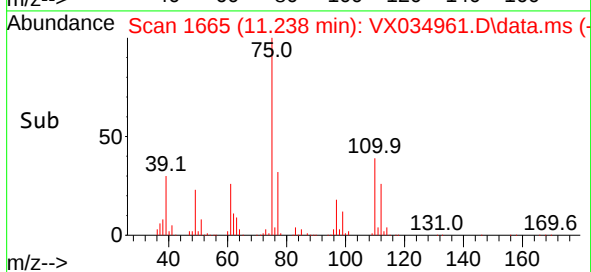
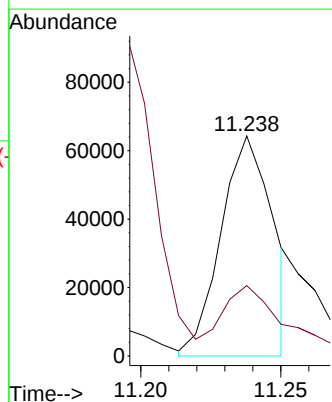
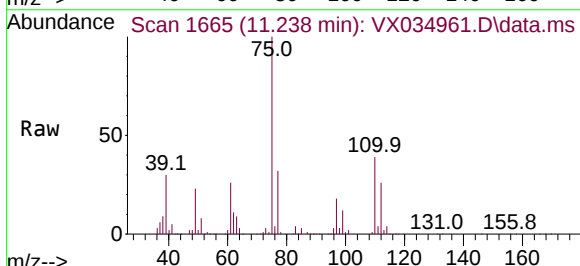
Manual Integrations
APPROVED

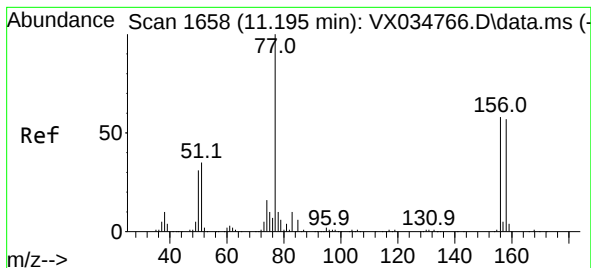
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 18.845 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 75 Resp: 82712
Ion Ratio Lower Upper
75 100
77 39.2 0.0 73.8





#73

Bromobenzene

Concen: 19.645 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

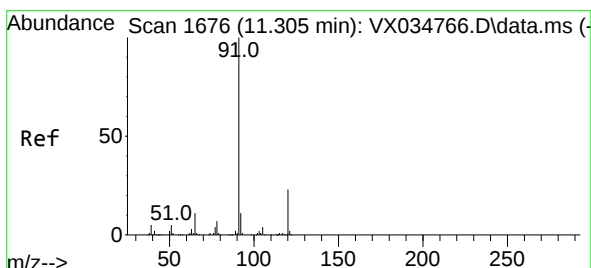
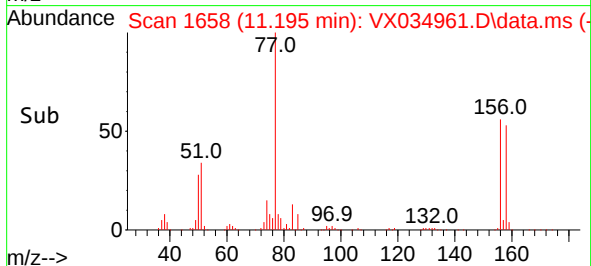
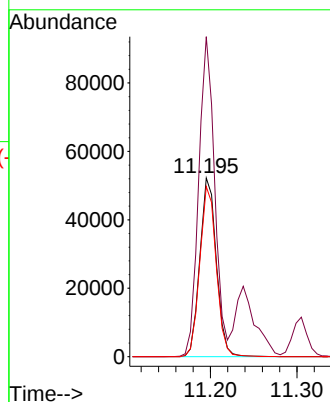
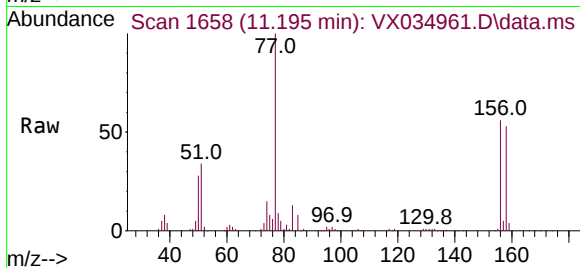
Tgt Ion:	156	Resp:	6920
Ion Ratio	Lower	Upper	
156	100		
77	171.9	0.0	330.8
158	94.8	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#74

n-propylbenzene

Concen: 19.569 ug/l

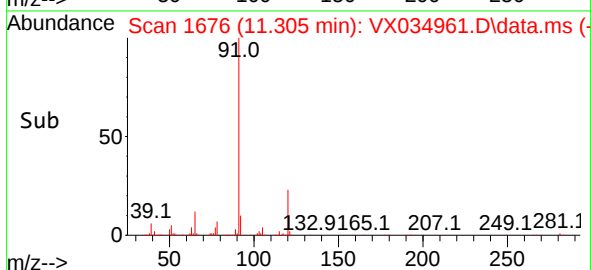
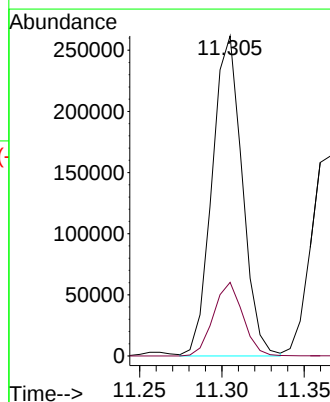
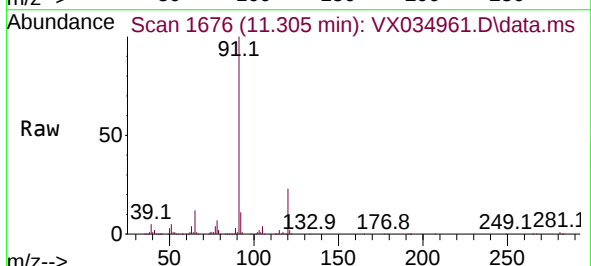
RT: 11.305 min Scan# 1676

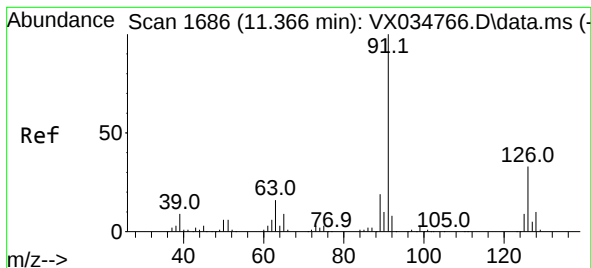
Delta R.T. -0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Tgt Ion:	91	Resp:	334155
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	44.8





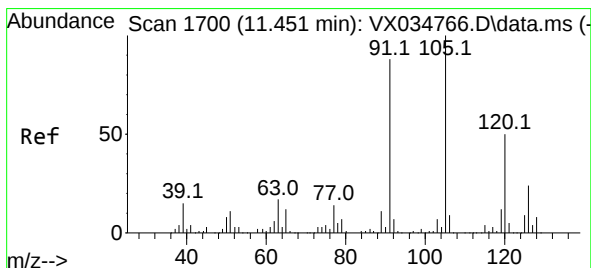
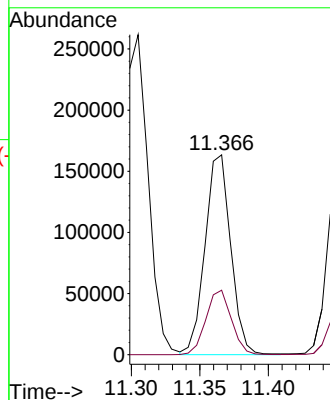
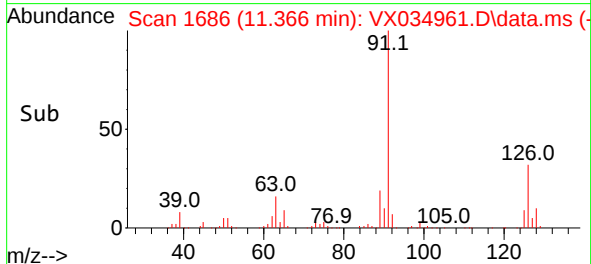
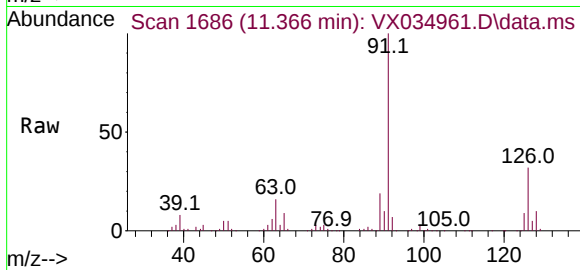
#75
2-Chlorotoluene
Concen: 20.043 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 213362
Ion Ratio Lower Upper
91 100
126 32.0 0.0 66.4

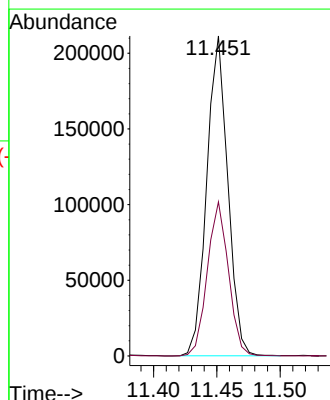
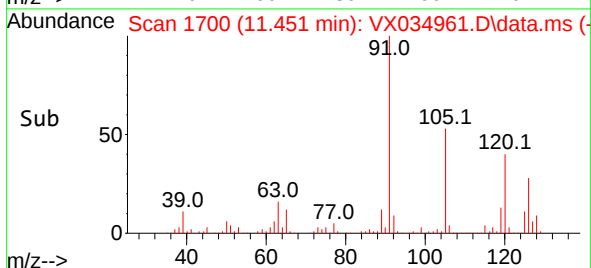
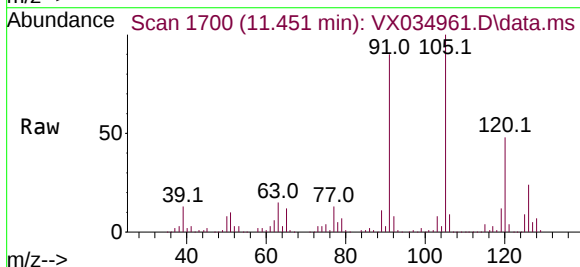
Manual Integrations
APPROVED

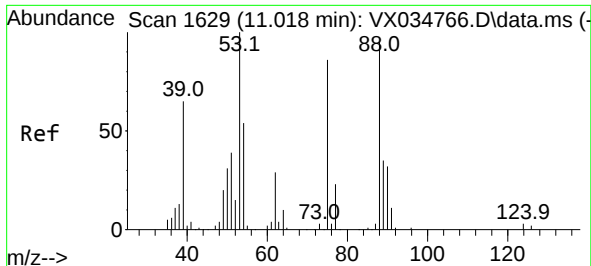
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.798 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion:105 Resp: 244464
Ion Ratio Lower Upper
105 100
120 48.5 0.0 96.4





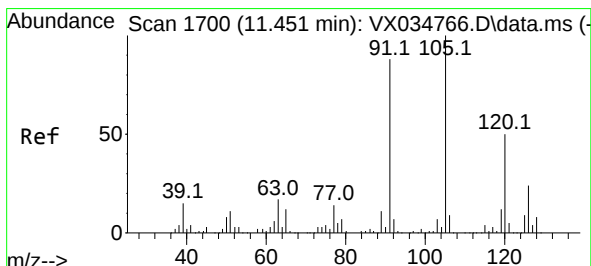
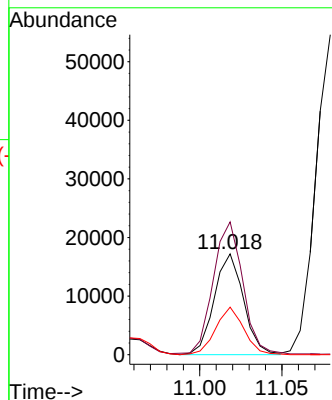
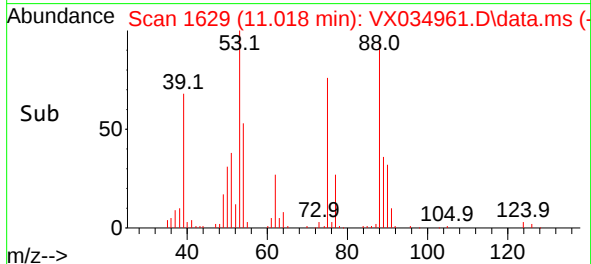
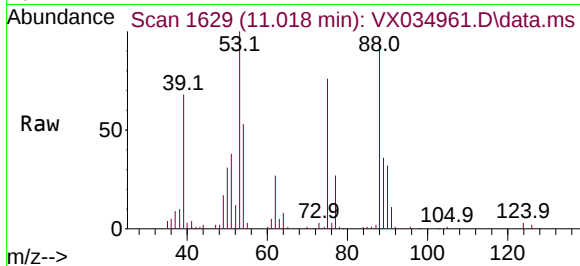
#77
t-1,4-Dichloro-2-butene
Concen: 15.856 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 2137
Ion Ratio Lower Upper
75 100
53 130.5 58.2 174.6
89 47.2 20.6 61.8

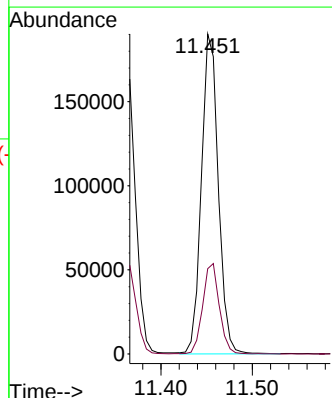
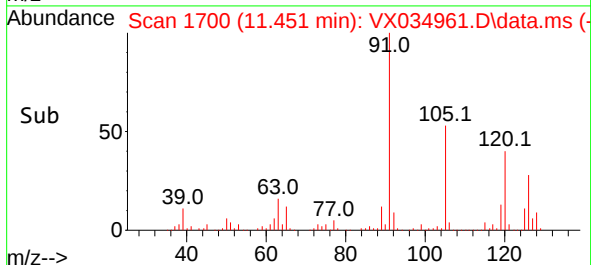
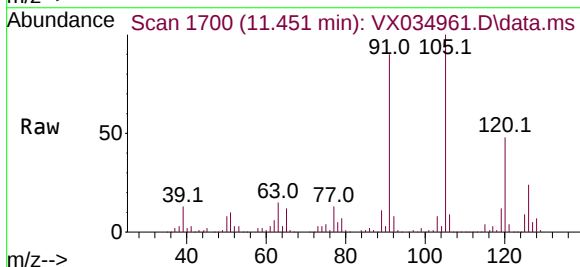
Manual Integrations
APPROVED

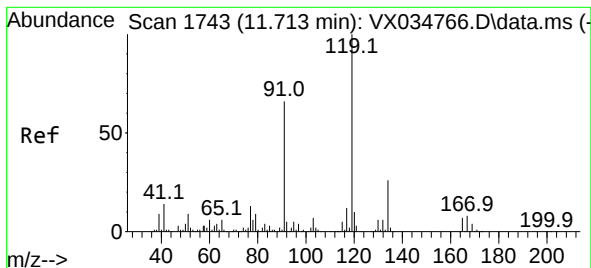
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#78
4-Chlorotoluene
Concen: 19.945 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion: 91 Resp: 243414
Ion Ratio Lower Upper
91 100
126 27.8 0.0 56.8





#79

tert-butylbenzene

Concen: 19.271 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 22714

Ion Ratio Lower Upper

119 100

91 62.6 0.0 122.4

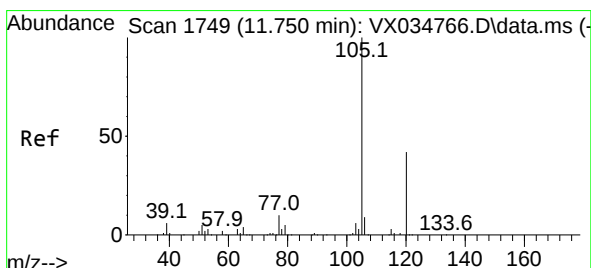
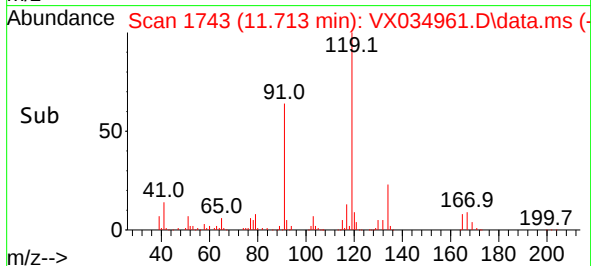
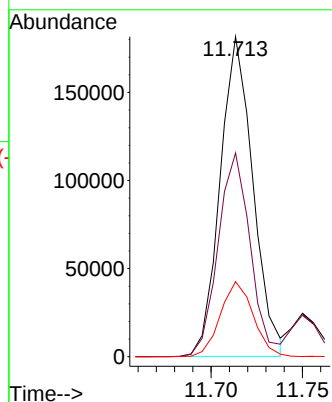
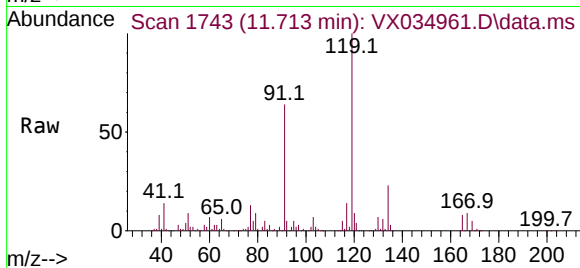
134 23.5 0.0 49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#80

1,2,4-Trimethylbenzene

Concen: 19.795 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034961.D

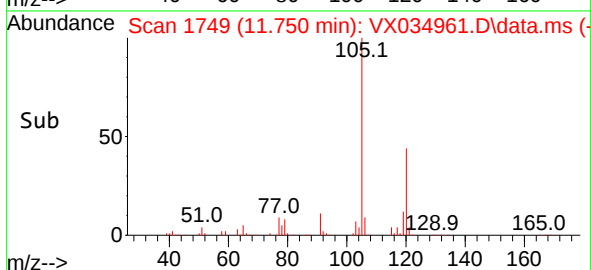
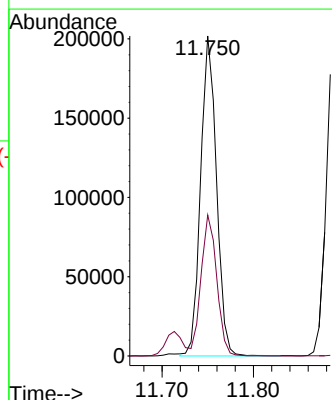
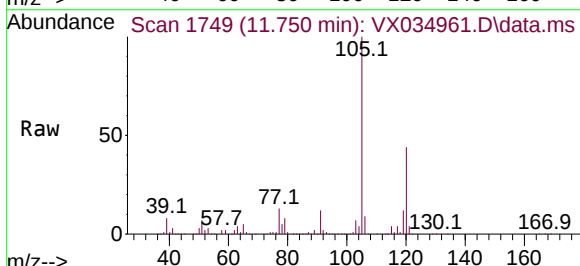
Acq: 07 Apr 2023 10:26

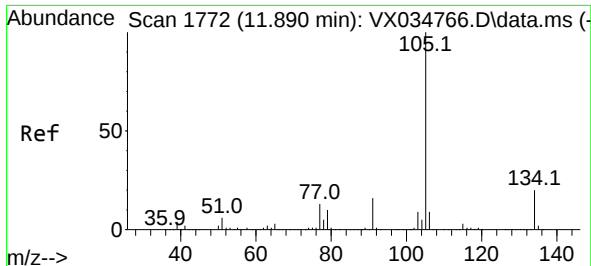
Tgt Ion:105 Resp: 242891

Ion Ratio Lower Upper

105 100

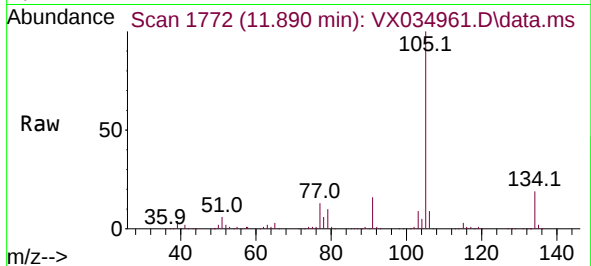
120 43.3 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.599 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034961.D
 Acq: 07 Apr 2023 10:26

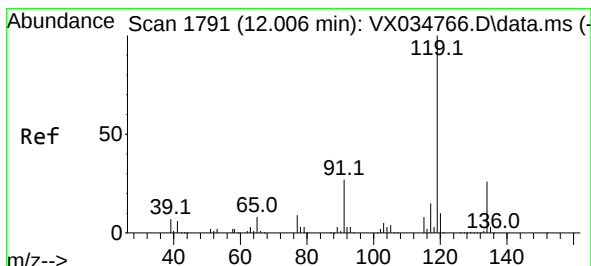
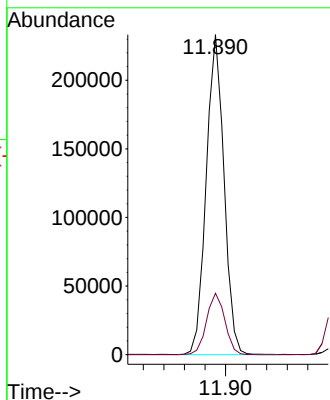
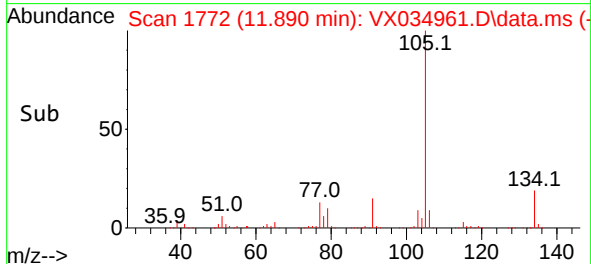
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



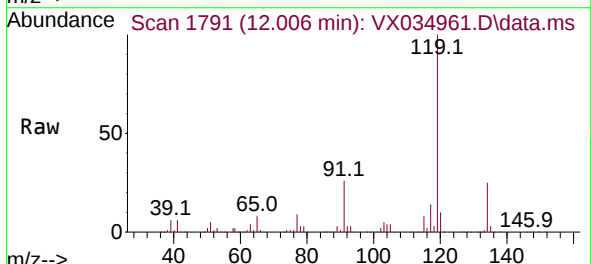
Tgt Ion:105 Resp: 279918
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.2

Manual Integrations
 APPROVED

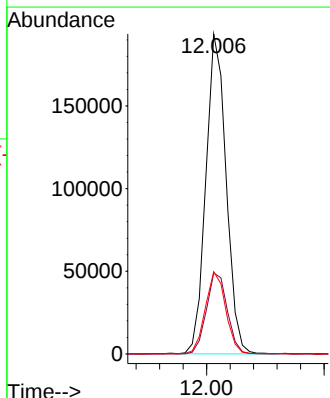
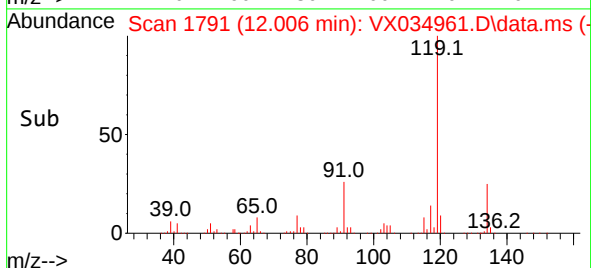
Reviewed By :John Carlone 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

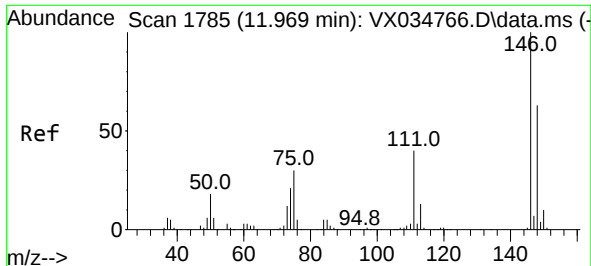


#82
 p-Isopropyltoluene
 Concen: 19.270 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034961.D
 Acq: 07 Apr 2023 10:26



Tgt Ion:119 Resp: 232258
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.8 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 19.156 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 12743

Ion Ratio Lower Upper

146 100

111 43.2 20.6 61.9

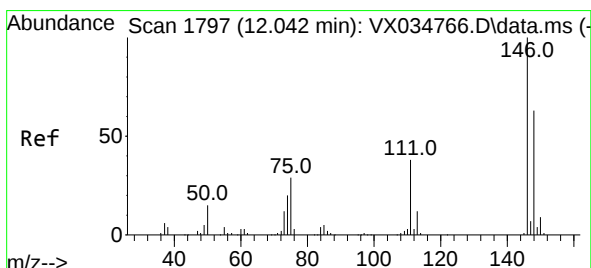
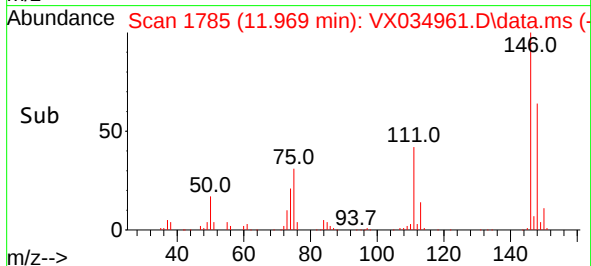
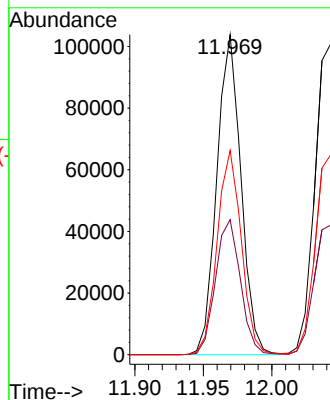
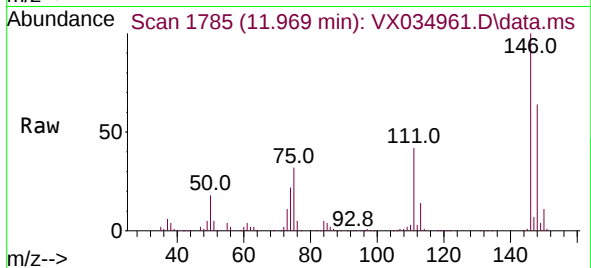
148 64.0 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#84

1,4-Dichlorobenzene

Concen: 19.510 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

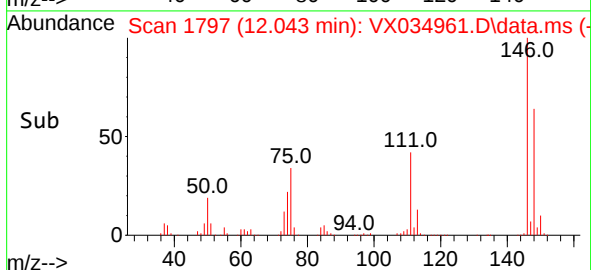
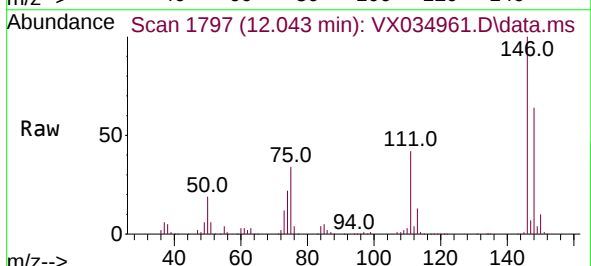
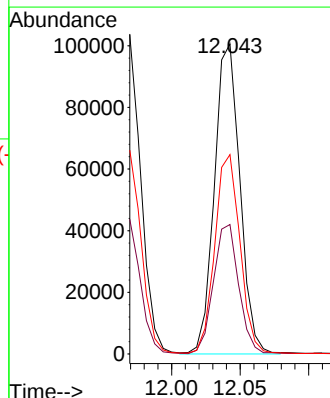
Tgt Ion:146 Resp: 130336

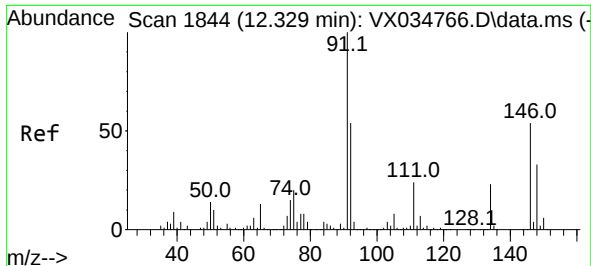
Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

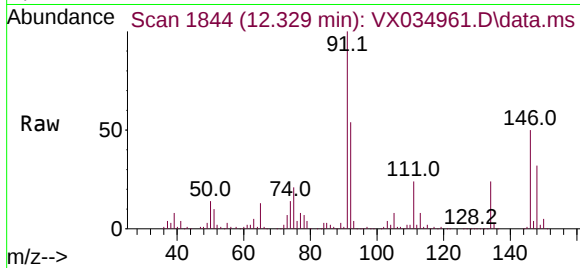
148 63.8 31.8 95.3





#85
n-Butylbenzene
Concen: 19.157 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

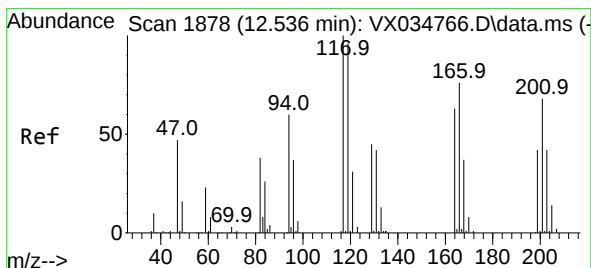
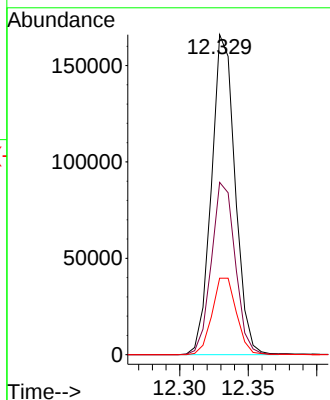
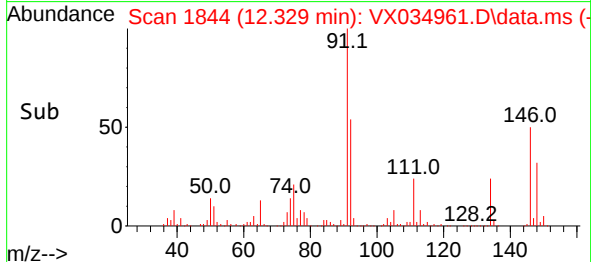
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 198990
Ion Ratio Lower Upper
91 100
92 54.4 0.0 107.6
134 24.8 0.0 49.8

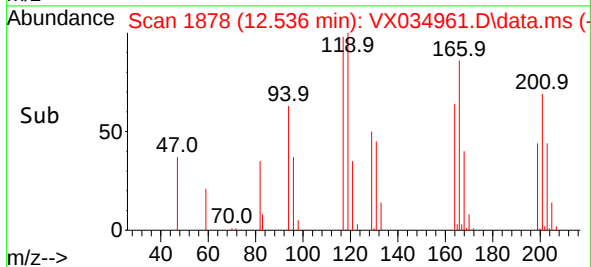
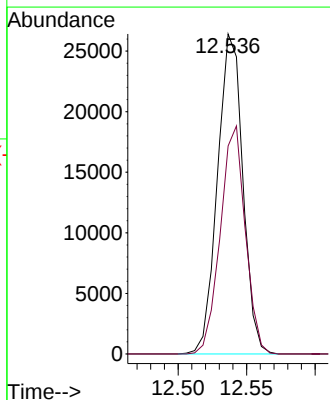
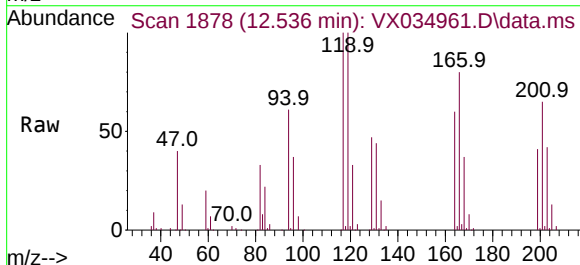
Manual Integrations
APPROVED

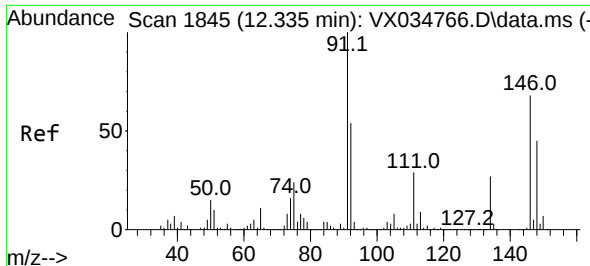
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#86
Hexachloroethane
Concen: 17.193 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

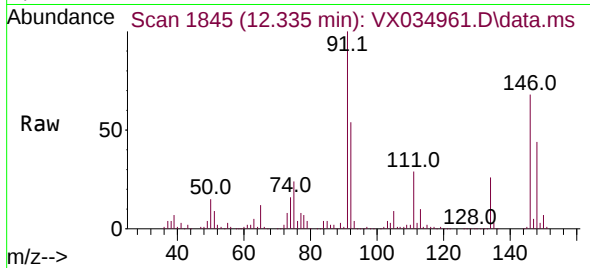
Tgt Ion:117 Resp: 33939
Ion Ratio Lower Upper
117 100
201 70.3 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 19.509 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

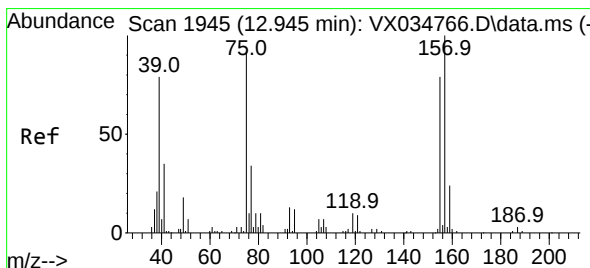
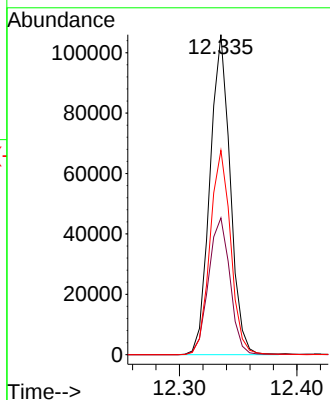
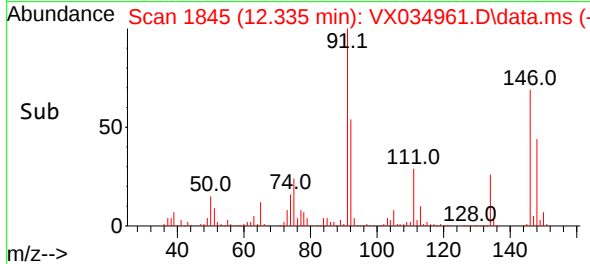
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



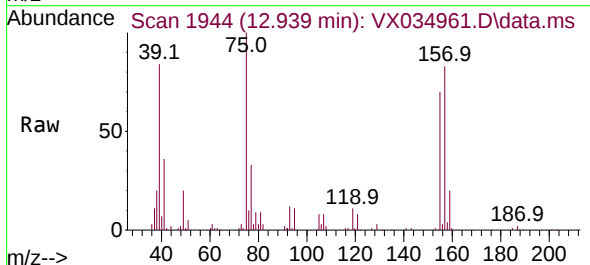
Tgt Ion:146 Resp: 126992
Ion Ratio Lower Upper
146 100
111 45.2 21.3 64.0
148 65.0 31.7 95.1

Manual Integrations
APPROVED

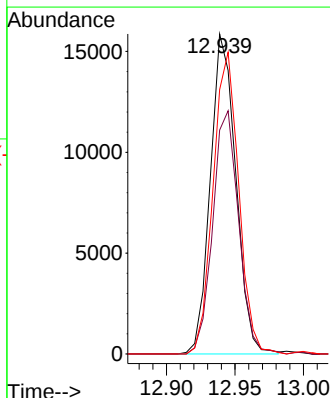
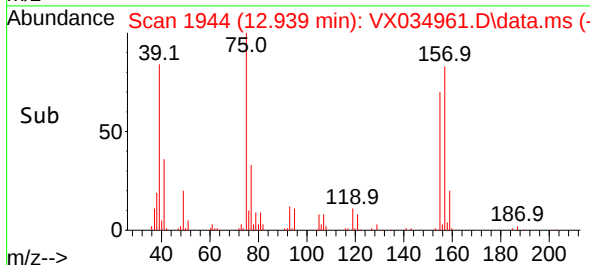
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

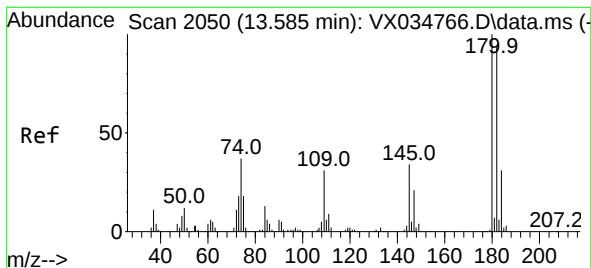


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.458 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26



Tgt Ion: 75 Resp: 20502
Ion Ratio Lower Upper
75 100
155 77.2 63.7 95.5
157 94.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 19.532 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

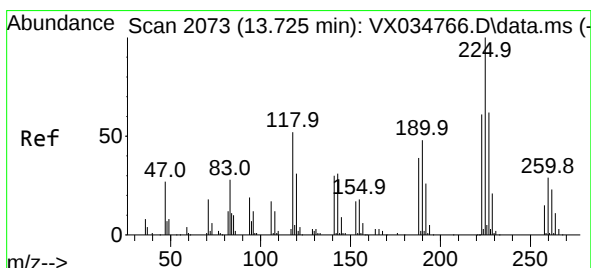
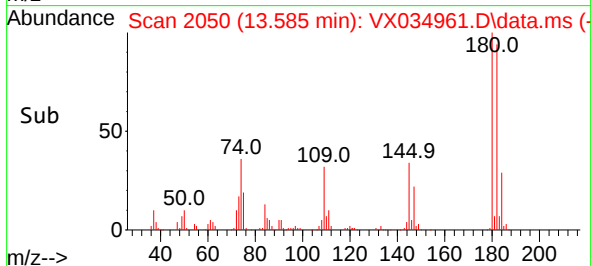
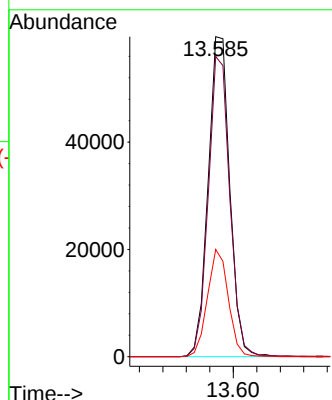
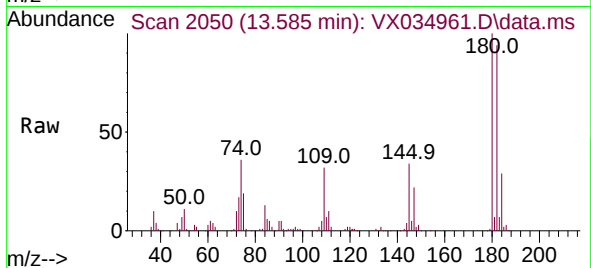
Tgt Ion:	180	Resp:	7627
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.8	113.8
145	32.4	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#90

Hexachlorobutadiene

Concen: 20.745 ug/l

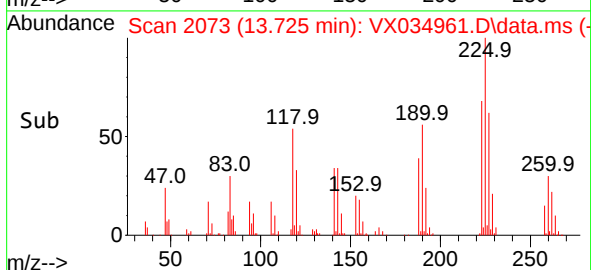
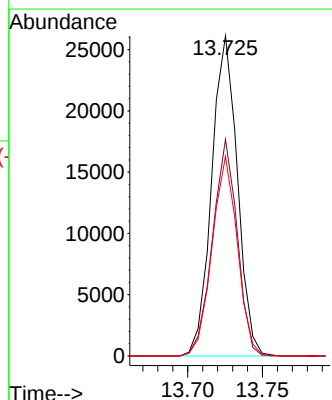
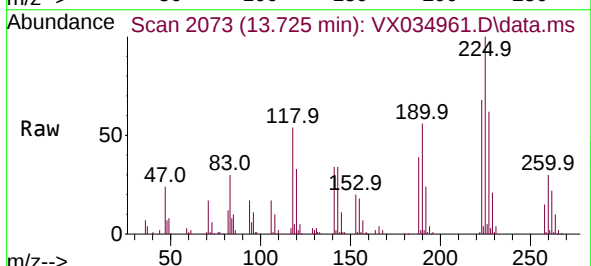
RT: 13.725 min Scan# 2073

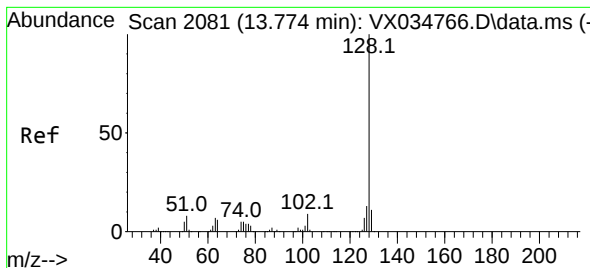
Delta R.T. 0.000 min

Lab File: VX034961.D

Acq: 07 Apr 2023 10:26

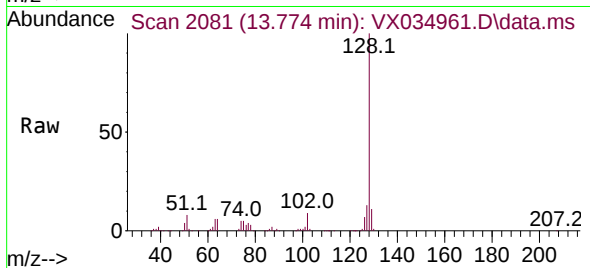
Tgt Ion:	225	Resp:	31241
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	124.2
227	61.3	0.0	122.8





#91
Naphthalene
Concen: 19.617 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

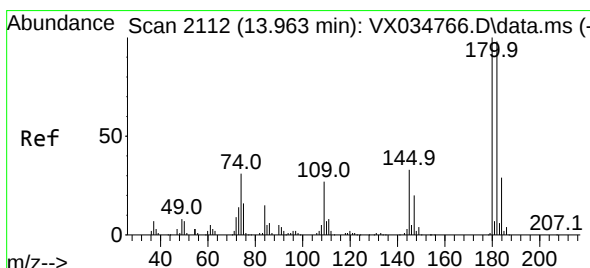
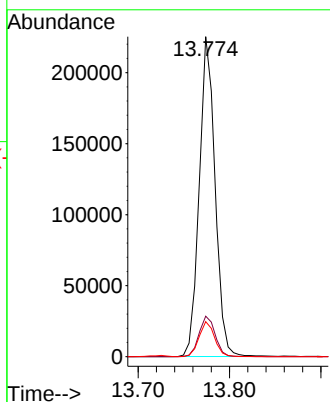
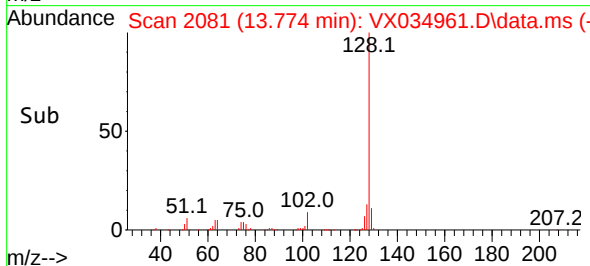
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 270652
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.537 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034961.D
Acq: 07 Apr 2023 10:26

Tgt Ion:180 Resp: 76270
Ion Ratio Lower Upper
180 100
182 94.9 0.0 191.0
145 35.2 0.0 66.8

