

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040715.D
 Acq On : 19 Mar 2024 15:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2024
 Supervised By : Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 04:34:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	14244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	69806	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	64985	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43890	30.852	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.833%			
60) 4-Bromofluorobenzene	11.079	95	33558	30.105	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.367%			
63) Toluene-d8	8.640	98	84646	29.474	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.233%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	12032	12.454	ug/l	97
3) Chloromethane	1.294	50	18120	18.306	ug/l	92
4) Vinyl Chloride	1.373	62	17651	16.500	ug/l	93
5) Bromomethane	1.611	94	13918	21.302	ug/l	95
6) Chloroethane	1.690	64	13876m	22.078	ug/l	
7) Trichlorofluoromethane	1.892	101	21888	13.438	ug/l	98
8) Diethyl Ether	2.129	74	10810	19.547	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	10779	12.082	ug/l	95
10) 1,1-Dichloroethene	2.318	96	11262	13.259	ug/l	98
11) Methyl Iodide	2.452	142	15601	15.186	ug/l	98
12) Methyl Acetate	2.696	43	31589	22.577	ug/l	96
13) Acrolein	2.233	56	14800	56.107	ug/l	96
14) Acrylonitrile	3.056	53	57890	105.071	ug/l	99
15) Acetone	2.373	58	12956	82.267	ug/l	69
16) Carbon Disulfide	2.513	76	28306	12.125	ug/l	99
17) Allyl chloride	2.666	41	26729	17.052	ug/l	88
18) Methylene Chloride	2.788	84	19600	20.211	ug/l	91
19) trans-1,2-Dichloroethene	3.093	96	15312	16.512	ug/l	92
20) Diisopropyl ether	3.751	45	64221	20.486	ug/l	90
21) 1,1-Dichloroethane	3.605	63	33717	18.691	ug/l	99
22) cis-1,2-Dichloroethene	4.476	96	19856	18.438	ug/l	96
23) tert-Butyl Alcohol	2.940	59	26352	101.231	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	64149	20.464	ug/l	94
25) Chloroform	5.086	83	38452	19.475	ug/l	90
26) Cyclohexane	5.464	56	18952	13.018	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	20789	17.205	ug/l	98
30) 2-Butanone	4.544	43	86969	117.952	ug/l	98
31) 2,2-Dichloropropane	4.470	77	24556	18.830	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	28021	18.404	ug/l	97
33) Carbon Tetrachloride	5.665	117	22609	17.650	ug/l	99
34) Benzene	6.031	78	66484	20.382	ug/l	100
35) Methacrylonitrile	4.915	41	19930m	26.330	ug/l	
36) 1,2-Dichloroethane	6.080	62	35517	23.550	ug/l #	90
37) Trichloroethene	7.122	130	15944	18.190	ug/l	94
38) Methylcyclohexane	7.378	83	20136	15.476	ug/l	97
39) 1,2-Dichloropropane	7.421	63	19088	22.984	ug/l	92
40) Dibromomethane	7.580	93	15772	24.174	ug/l	95
41) Bromodichloromethane	7.817	83	30552	23.538	ug/l #	99
42) Vinyl Acetate	3.714	43	296311	116.722	ug/l	99

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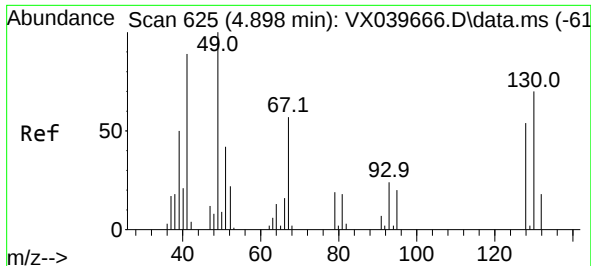
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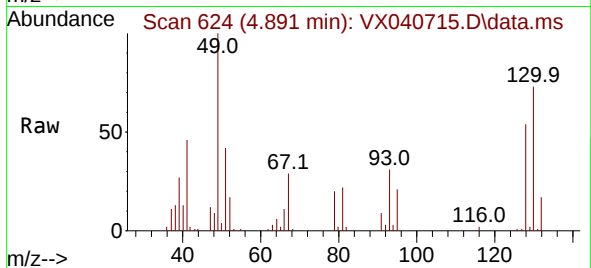
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	32524	23.422	ug/l	100
44) Isopropyl Acetate	6.330	43	50869	22.949	ug/l	96
45) 1,4-Dioxane	7.647	88	10383	455.699	ug/l	93
46) Methyl methacrylate	7.689	41	26313	23.901	ug/l	94
47) n-amyl Acetate	10.841	43	40747	21.329	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	29796	21.719	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	30823	22.055	ug/l	97
50) 1,1,2-Trichloroethane	9.146	97	20604	23.774	ug/l	93
51) Ethyl methacrylate	9.110	69	31172	22.847	ug/l	98
52) 1,3-Dichloropropane	9.305	76	34061	23.033	ug/l	100
53) Dibromochloromethane	9.518	129	22179	22.450	ug/l	99
54) 1,2-Dibromoethane	9.604	107	21953	22.893	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	83542	120.236	ug/l	98
56) Bromoform	10.799	173	16344	23.324	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	177828	122.890	ug/l	98
59) 2-Hexanone	9.427	43	135651	116.056	ug/l	97
61) Tetrachloroethene	9.268	164	13652	17.700	ug/l	97
62) Toluene	8.714	91	68465	19.129	ug/l	98
64) Chlorobenzene	10.079	112	41703	19.064	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.158	131	18134	21.734	ug/l	97
66) Ethyl Benzene	10.189	91	73331	17.770	ug/l	99
67) m/p-Xylenes	10.299	106	53829	35.323	ug/l	97
68) o-Xylene	10.640	106	27069	18.452	ug/l	96
69) Styrene	10.652	104	46342	18.802	ug/l	96
70) Isopropylbenzene	10.957	105	68758	17.346	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	33636	24.205	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	29863m	23.884	ug/l	
73) Bromobenzene	11.195	156	18451	19.662	ug/l	96
74) n-propylbenzene	11.305	91	81615	16.671	ug/l	99
75) 2-Chlorotoluene	11.359	91	52218	17.974	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	60313	17.283	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	8266	21.272	ug/l	77
78) 4-Chlorotoluene	11.451	91	62047	17.903	ug/l	96
79) tert-butylbenzene	11.713	119	55103	16.917	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	60172	17.500	ug/l	97
81) sec-Butylbenzene	11.890	105	67967	15.805	ug/l	98
82) p-Isopropyltoluene	12.006	119	56485	16.047	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	32928	18.033	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	33033	17.691	ug/l	99
85) n-Butylbenzene	12.329	91	52294	15.267	ug/l	98
86) Hexachloroethane	12.536	117	10135	16.501	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	33187	18.704	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	8735	23.508	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	20533	17.186	ug/l	98
90) Hexachlorobutadiene	13.725	225	7091	14.679	ug/l	96
91) Naphthalene	13.774	128	75809	19.453	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	20725	17.593	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

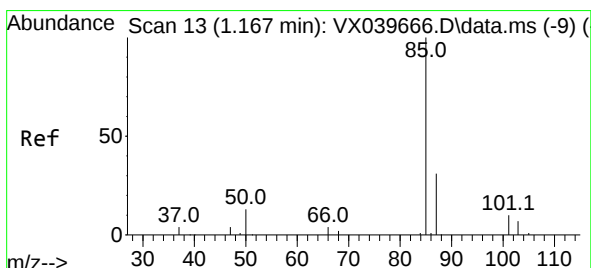
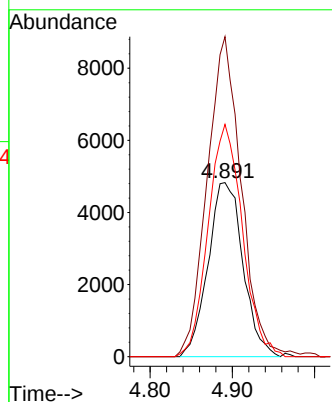
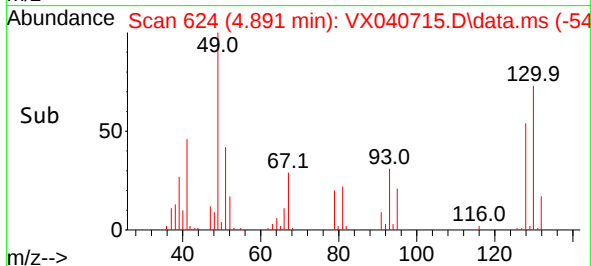
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 14244
Ion Ratio Lower Upper
128 100
49 178.8 0.0 444.0
130 131.2 0.0 297.8

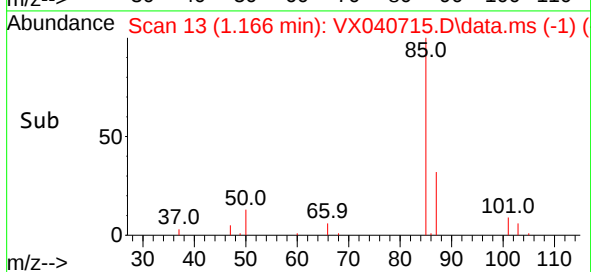
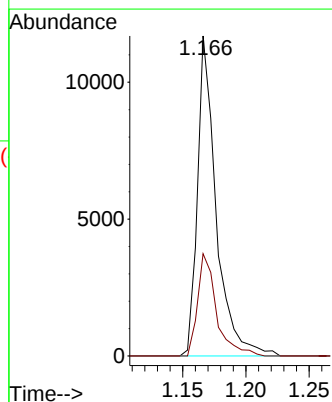
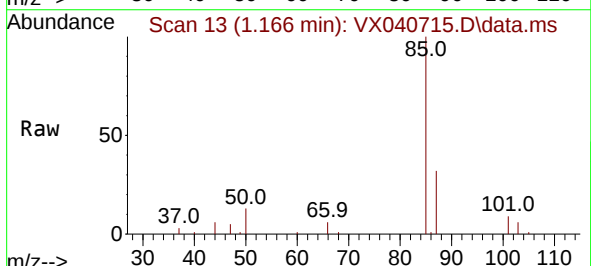
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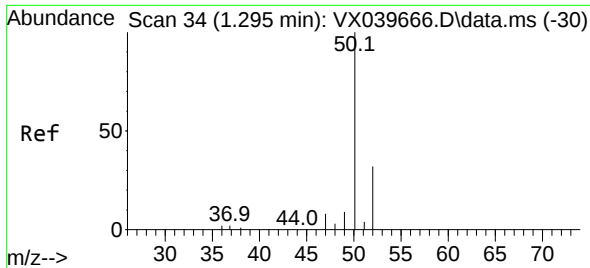
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#2
Dichlorodifluoromethane
Concen: 12.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

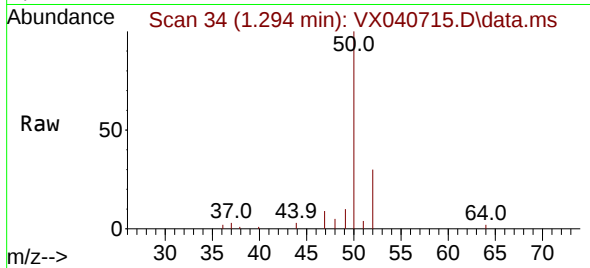
Tgt Ion: 85 Resp: 12032
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 18.306 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

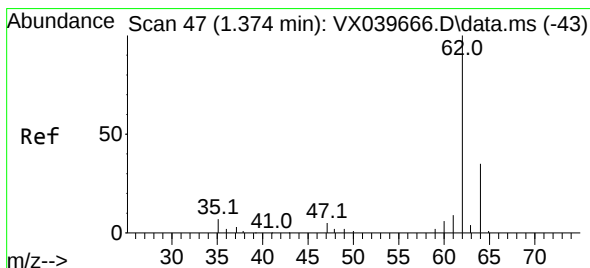
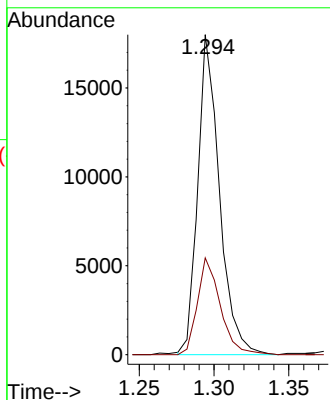
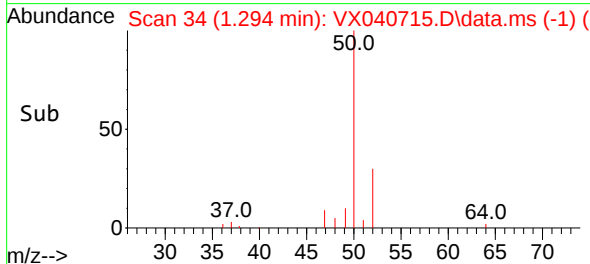
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 18120
Ion Ratio Lower Upper
50 100
52 30.2 27.8 41.8

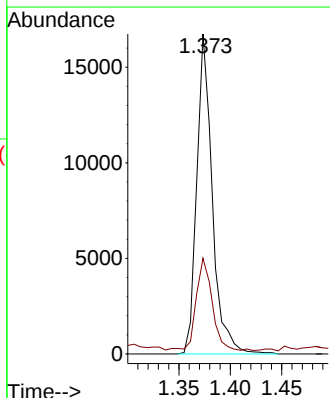
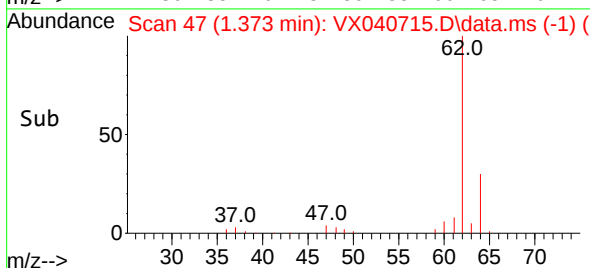
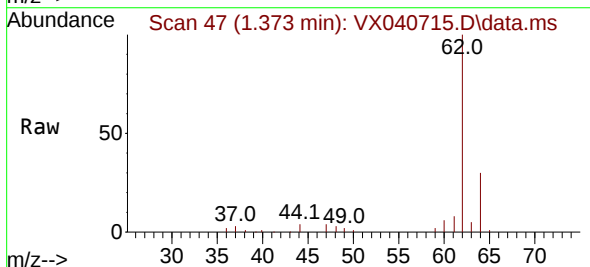
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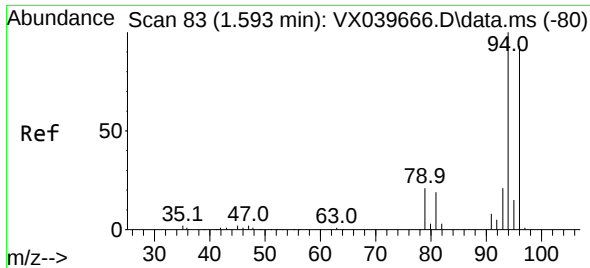
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#4
Vinyl Chloride
Concen: 16.500 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 62 Resp: 17651
Ion Ratio Lower Upper
62 100
64 29.0 26.3 39.5





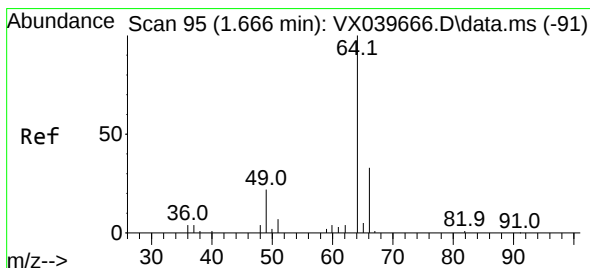
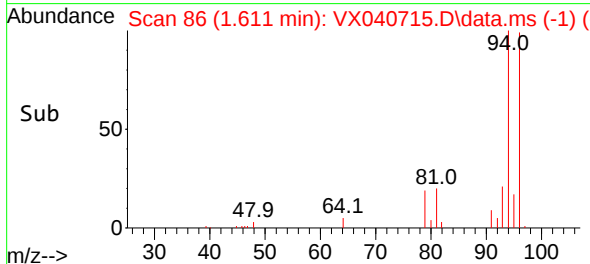
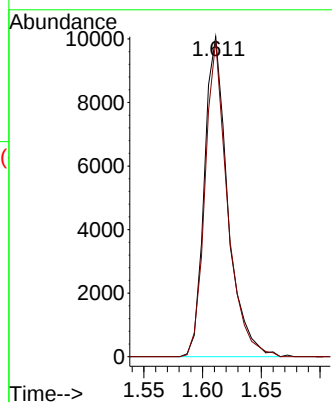
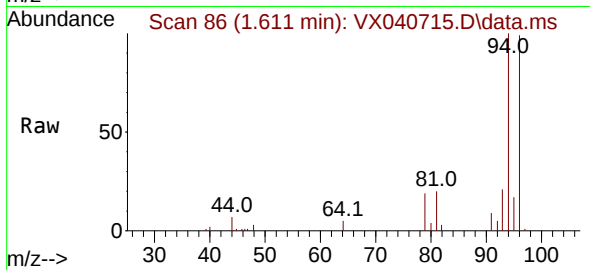
#5
Bromomethane
Concen: 21.302 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 13918
Ion Ratio Lower Upper
94 100
96 98.8 74.9 112.3

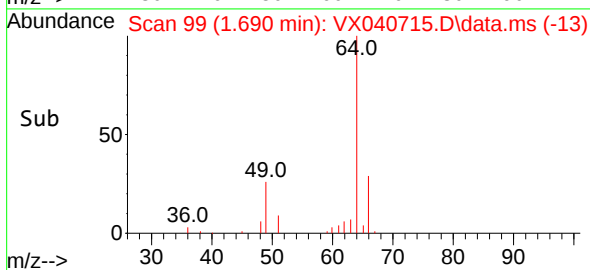
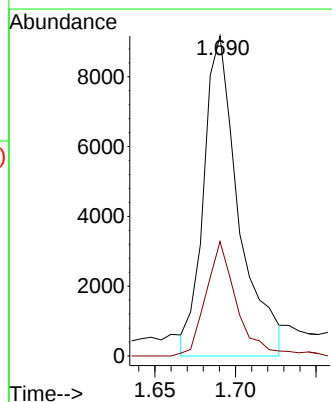
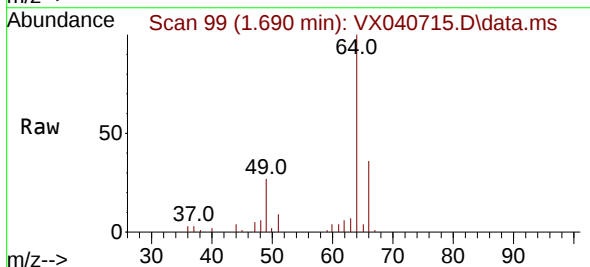
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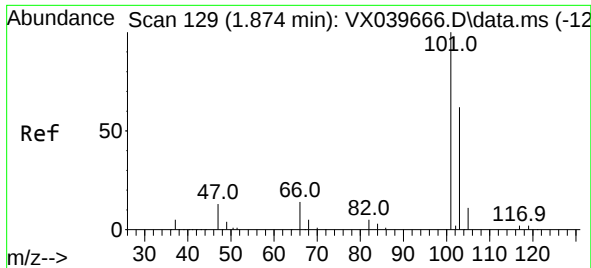
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#6
Chloroethane
Concen: 22.078 ug/l m
RT: 1.690 min Scan# 99
Delta R.T. 0.024 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

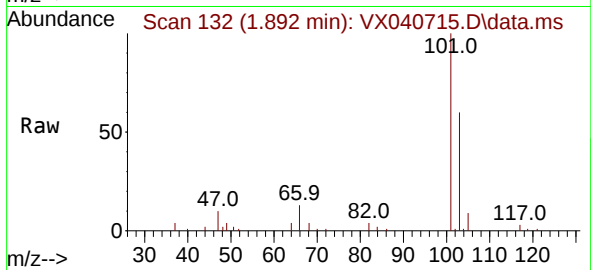
Tgt Ion: 64 Resp: 13876
Ion Ratio Lower Upper
64 100
66 35.8 25.0 37.6





#7
Trichlorofluoromethane
Concen: 13.438 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

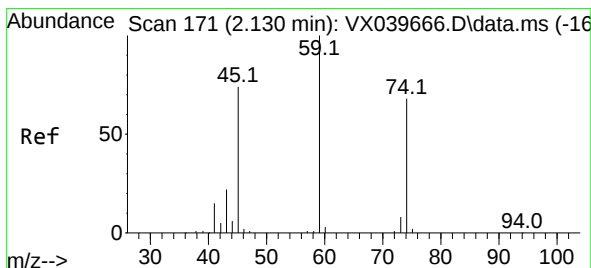
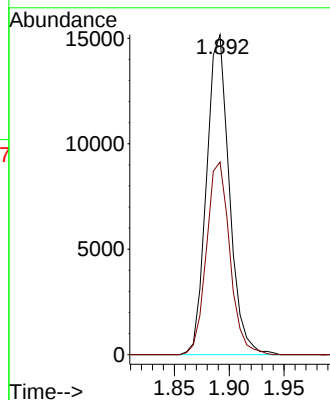
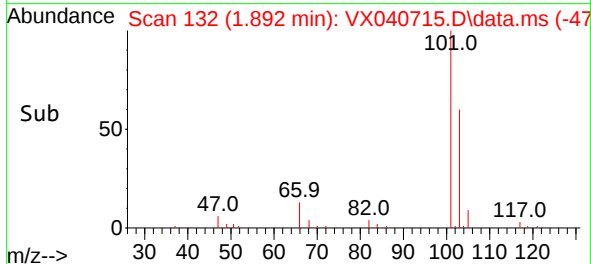
Instrument :
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Tgt Ion:101 Resp: 2188
Ion Ratio Lower Upper
101 100
103 60.2 49.1 73.7

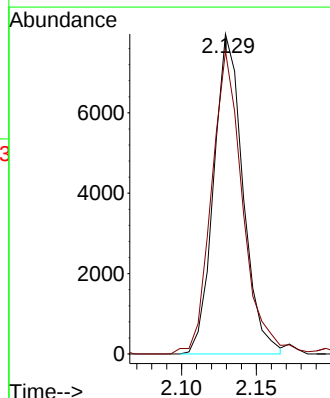
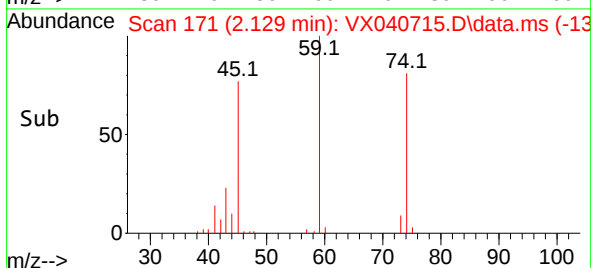
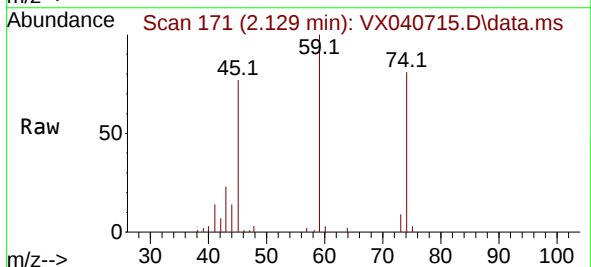
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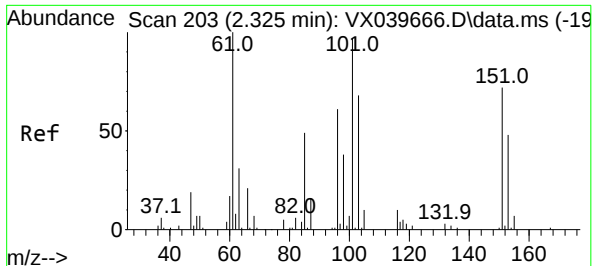
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#8
Diethyl Ether
Concen: 19.547 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 74 Resp: 10810
Ion Ratio Lower Upper
74 100
45 100.9 20.5 184.5





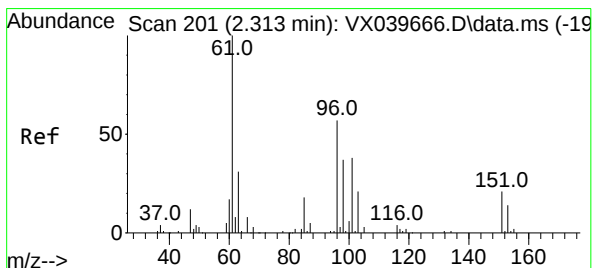
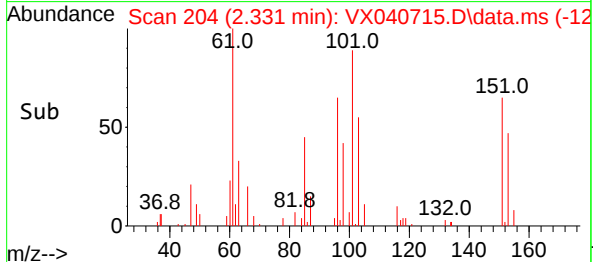
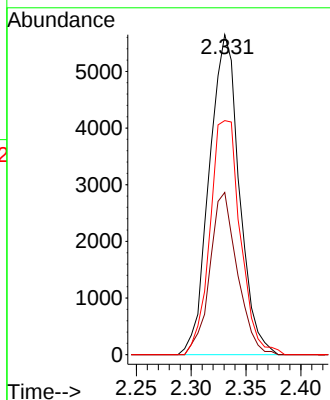
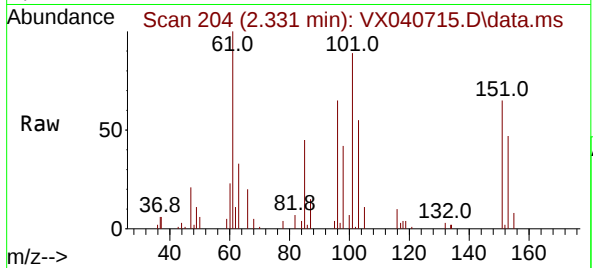
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.082 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 10779
Ion Ratio Lower Upper
101 100
85 46.3 0.0 95.2
151 74.0 0.0 136.8

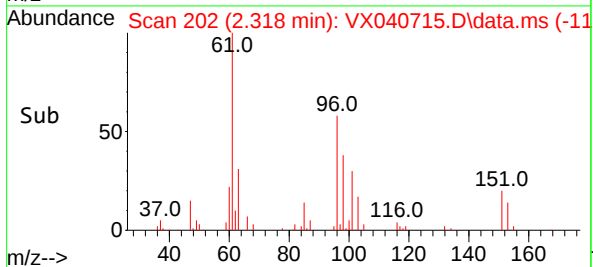
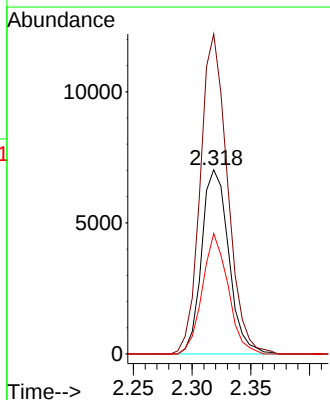
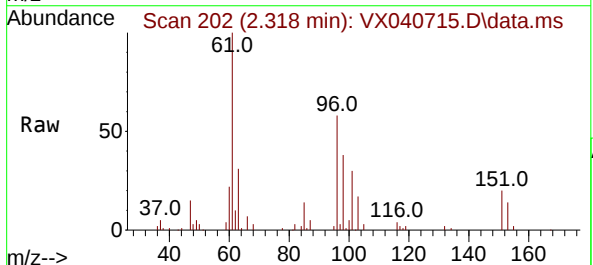
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APPROVED

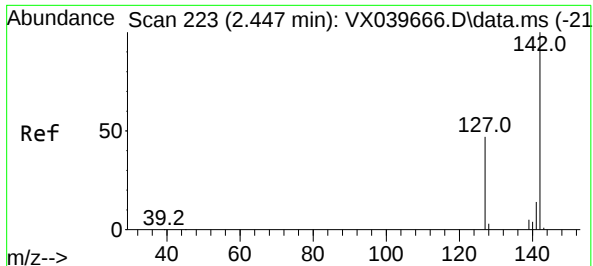
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#10
1,1-Dichloroethene
Concen: 13.259 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.005 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 96 Resp: 11262
Ion Ratio Lower Upper
96 100
61 173.7 138.3 207.5
98 65.3 49.8 74.6





#11

Methyl Iodide

Concen: 15.186 ug/l

RT: 2.452 min Scan# 21

Delta R.T. 0.005 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

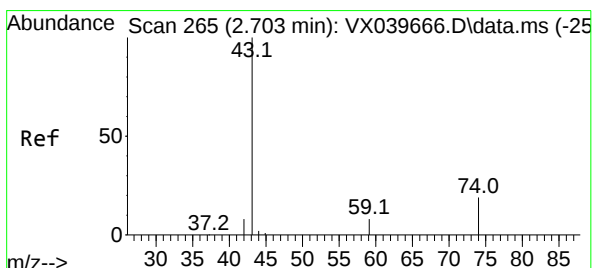
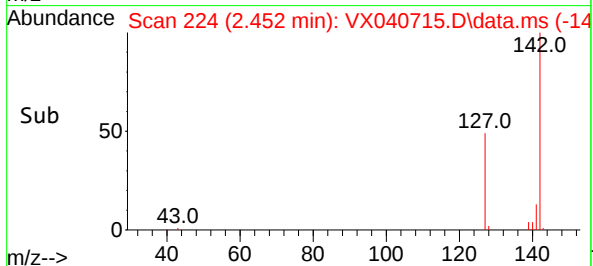
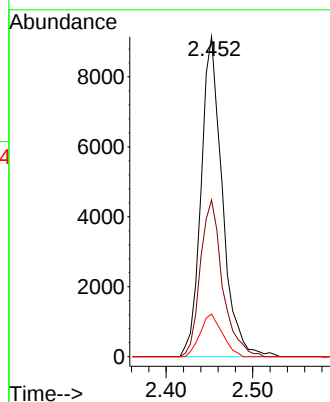
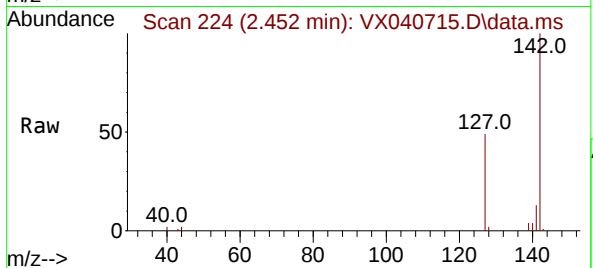
Tgt Ion:142	Resp:	1560
Ion Ratio	Lower	Upper
142	100	
127	48.9	23.8 71.4
141	13.3	6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#12

Methyl Acetate

Concen: 22.577 ug/l

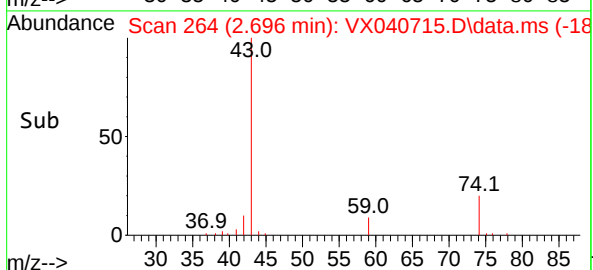
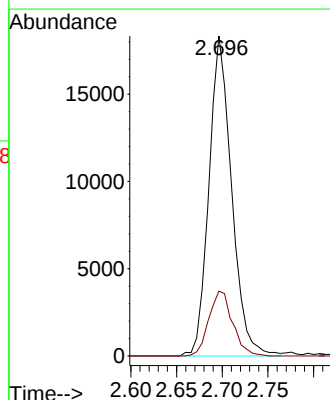
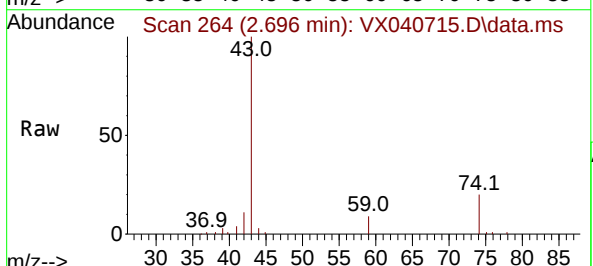
RT: 2.696 min Scan# 264

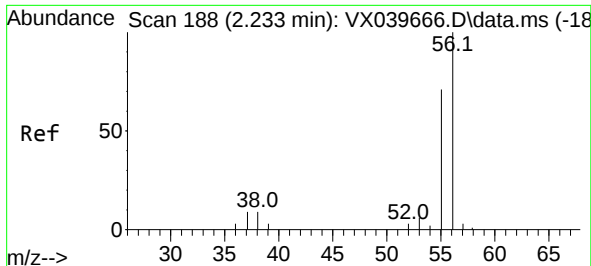
Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

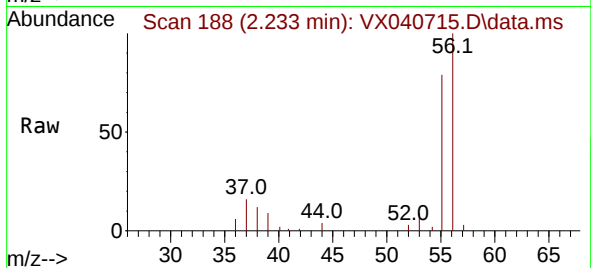
Tgt Ion: 43	Resp:	31589
Ion Ratio	Lower	Upper
43	100	
74	20.3	17.8 26.6





#13
Acrolein
Concen: 56.107 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

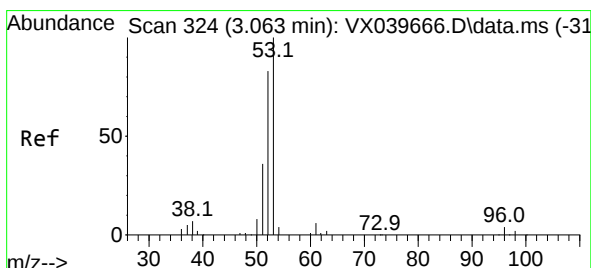
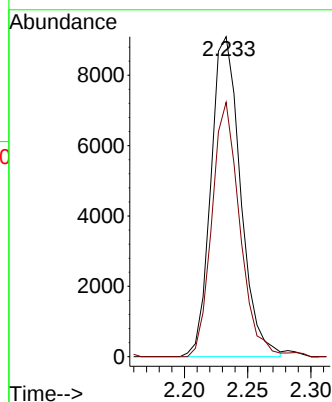
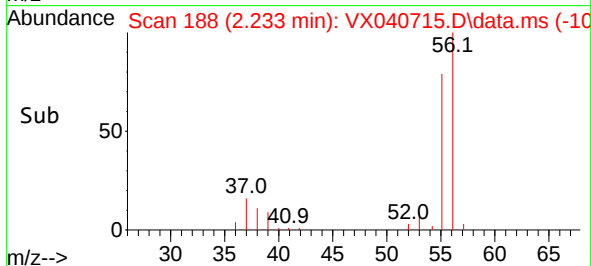
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 14800
Ion Ratio Lower Upper
56 100
55 74.6 57.2 85.8

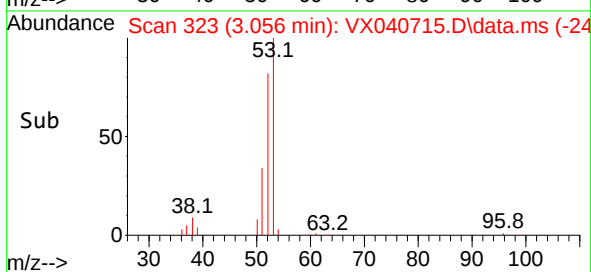
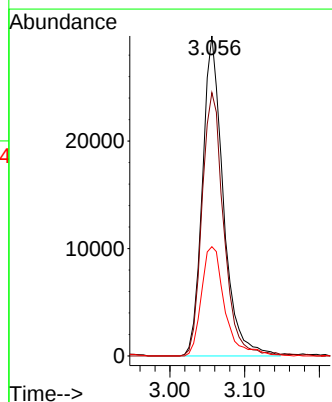
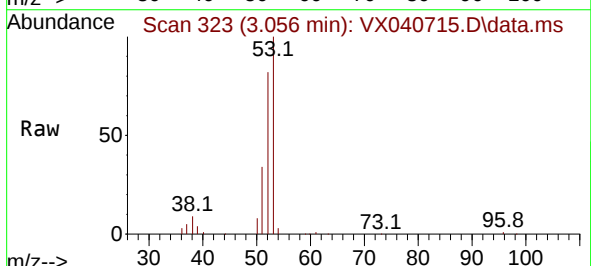
Manual Integrations
APPROVED

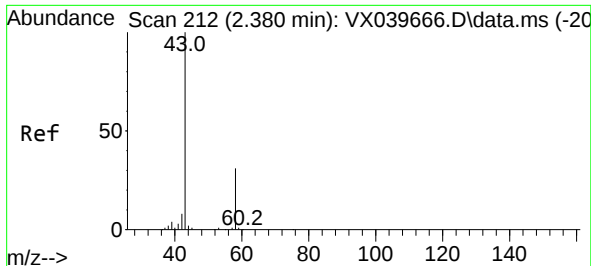
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#14
Acrylonitrile
Concen: 105.071 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

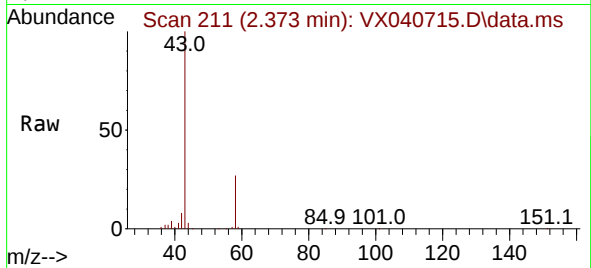
Tgt Ion: 53 Resp: 57890
Ion Ratio Lower Upper
53 100
52 85.4 41.9 125.6
51 36.7 18.3 54.9





#15
Acetone
Concen: 82.267 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

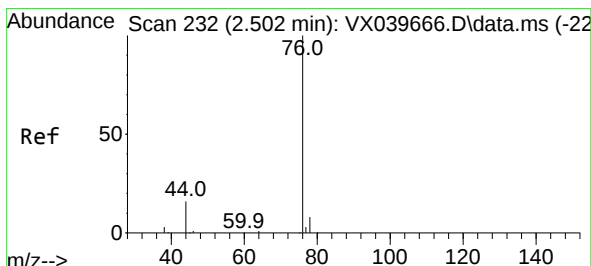
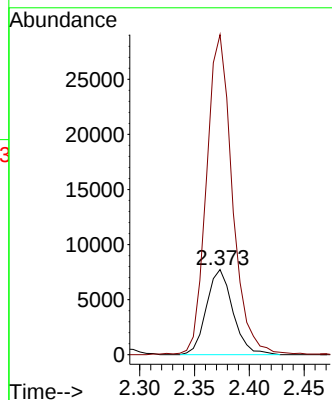
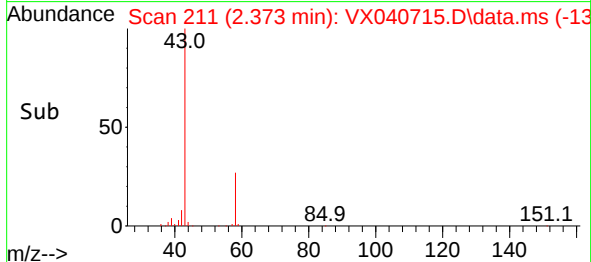
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 12950
Ion Ratio Lower Upper
58 100
43 374.1 249.9 374.9

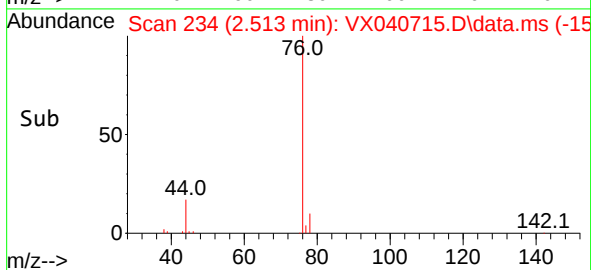
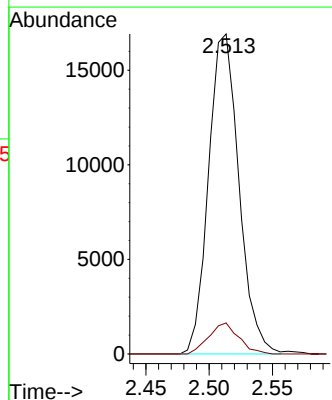
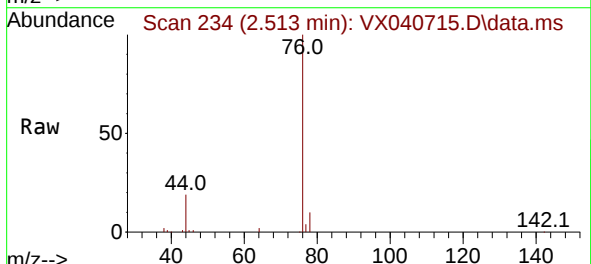
Manual Integrations
APPROVED

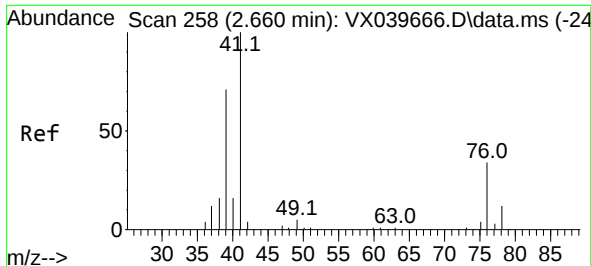
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#16
Carbon Disulfide
Concen: 12.125 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.011 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 76 Resp: 28306
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0





#17

Allyl chloride

Concen: 17.052 ug/l

RT: 2.666 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

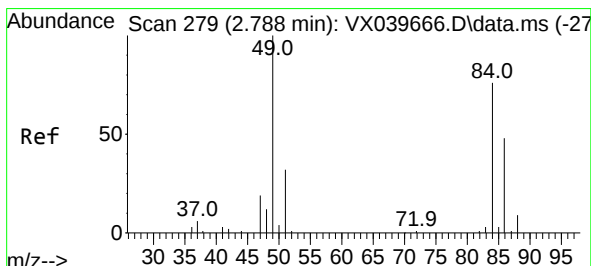
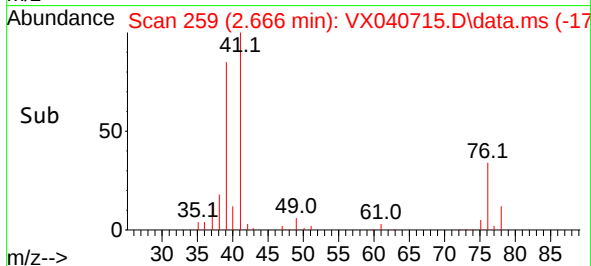
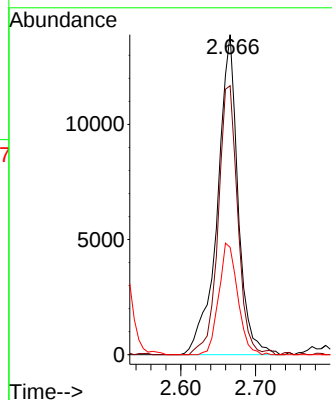
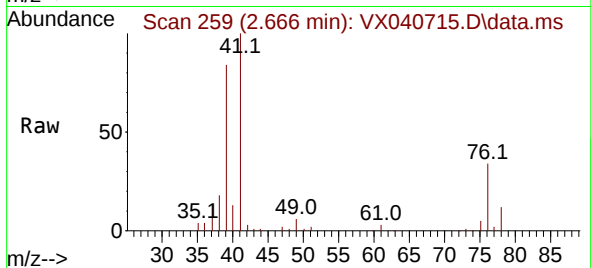
Tgt Ion:	41	Resp:	26729
Ion	Ratio	Lower	Upper
41	100		
39	84.1	36.5	109.5
76	33.6	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#18

Methylene Chloride

Concen: 20.211 ug/l

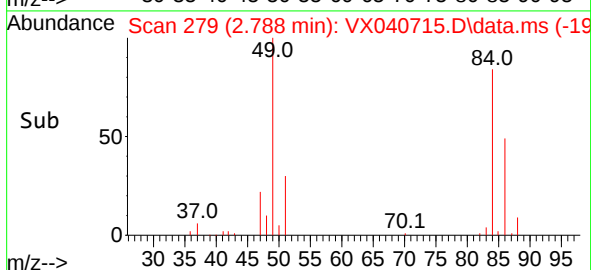
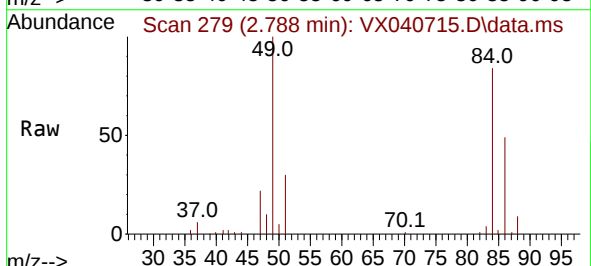
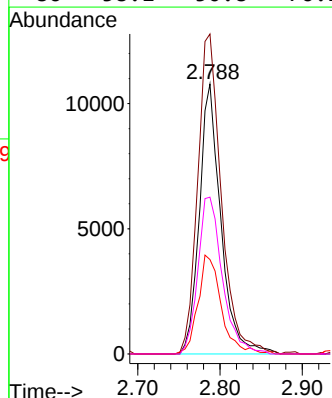
RT: 2.788 min Scan# 279

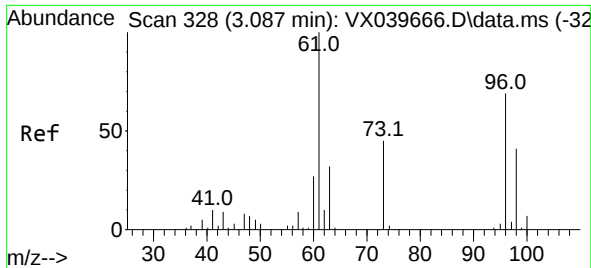
Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion:	84	Resp:	19600
Ion	Ratio	Lower	Upper
84	100		
49	118.6	103.8	155.8
51	35.0	31.8	47.6
86	58.1	50.8	76.2





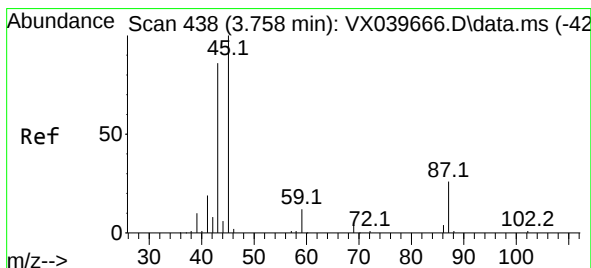
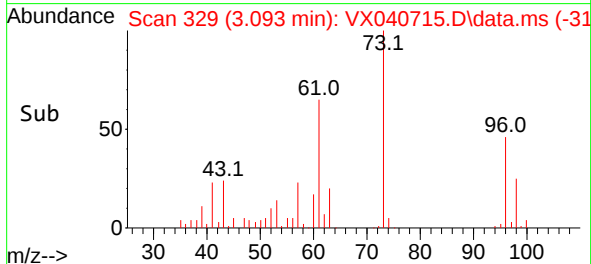
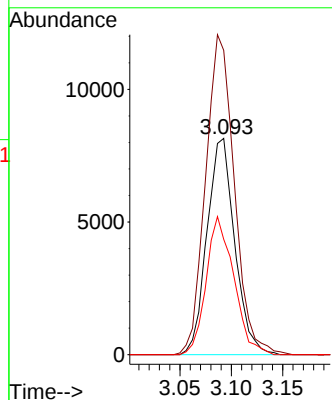
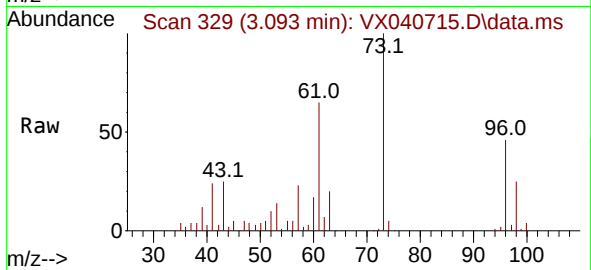
#19
trans-1,2-Dichloroethene
Concen: 16.512 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 1531
Ion Ratio Lower Upper
96 100
61 139.9 117.9 176.9
98 53.4 51.0 76.6

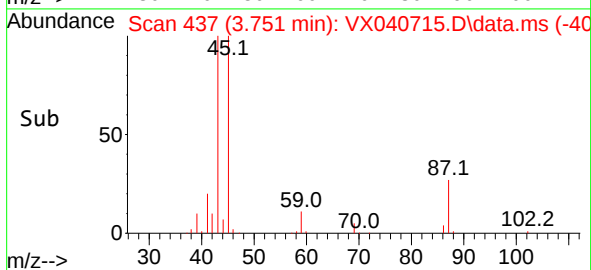
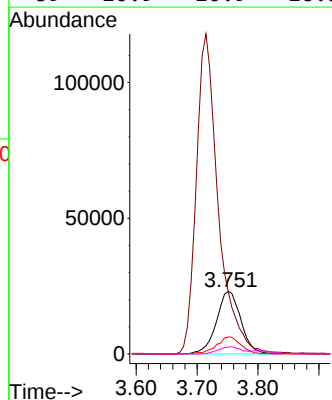
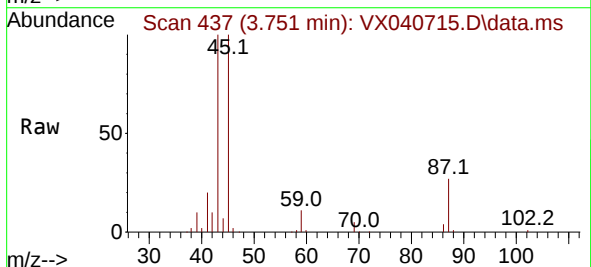
Manual Integrations
APPROVED

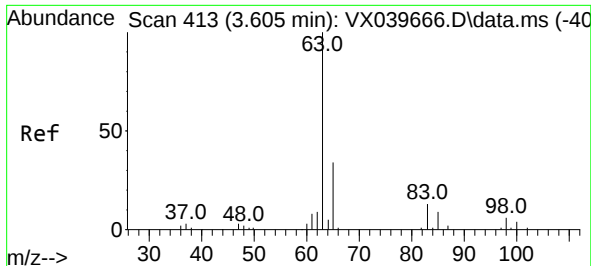
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#20
Diisopropyl ether
Concen: 20.486 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 45 Resp: 64221
Ion Ratio Lower Upper
45 100
43 97.3 67.7 101.5
87 27.3 21.5 32.3
59 10.9 10.9 16.3





#21

1,1-Dichloroethane

Concen: 18.691 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

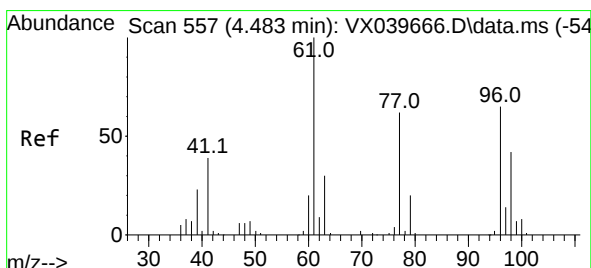
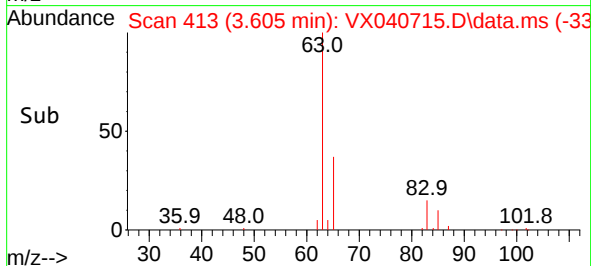
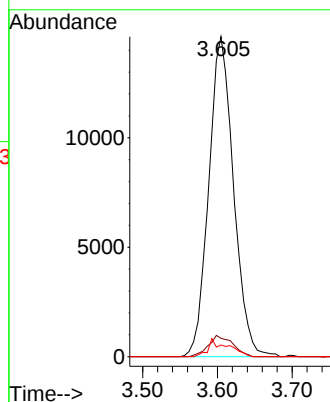
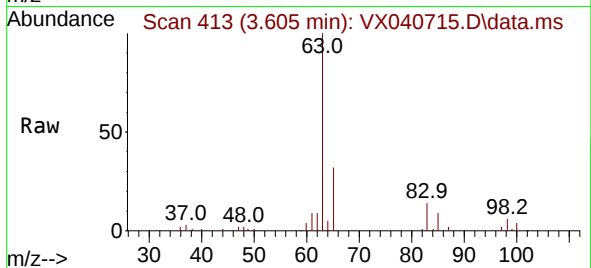
Tgt Ion:	63	Resp:	3371
Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.8
100	3.7	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#22

cis-1,2-Dichloroethene

Concen: 18.438 ug/l

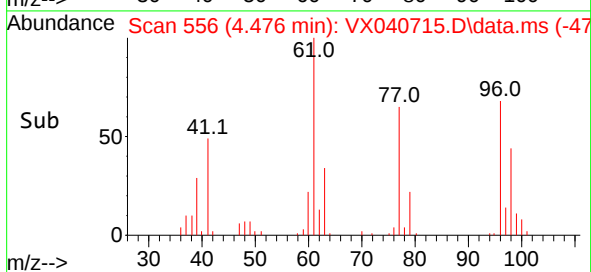
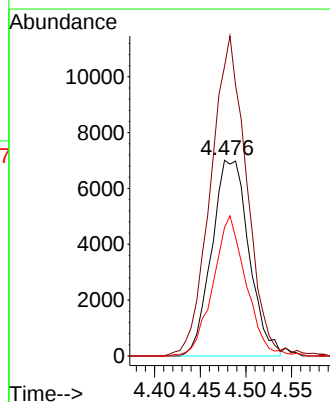
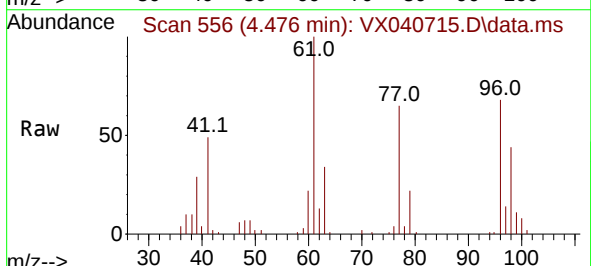
RT: 4.476 min Scan# 556

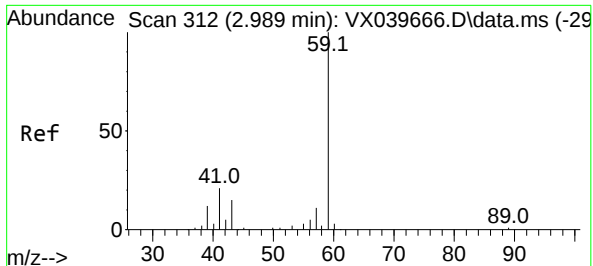
Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion:	96	Resp:	19856
Ion	Ratio	Lower	Upper
96	100		
61	157.3	119.8	179.6
98	63.4	50.9	76.3





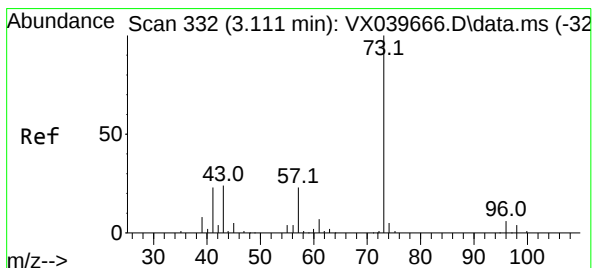
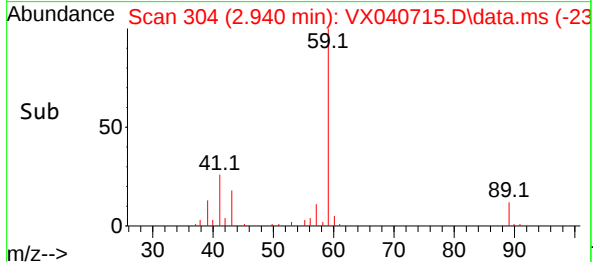
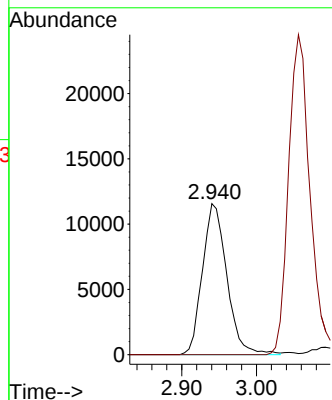
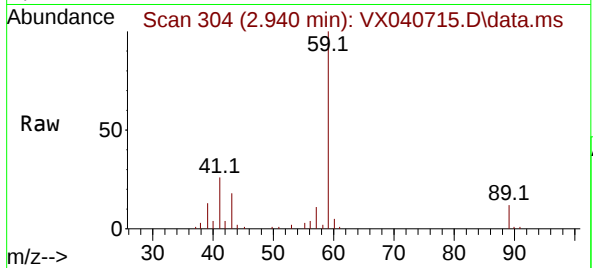
#23
tert-Butyl Alcohol
Concen: 101.231 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 26352
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

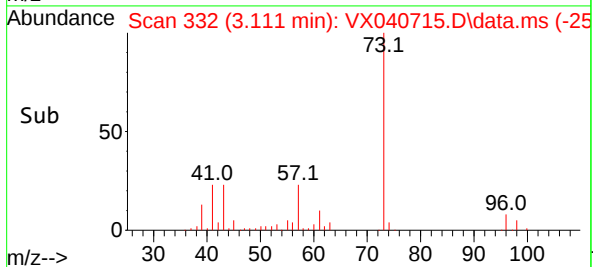
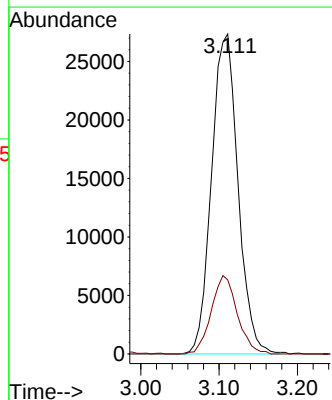
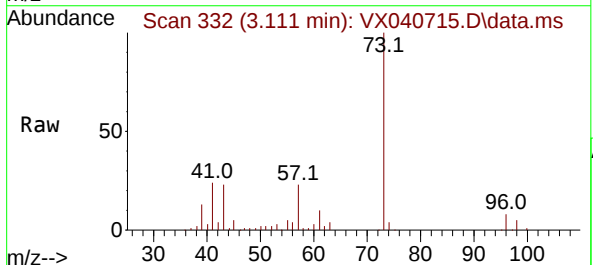
Manual Integrations
APPROVED

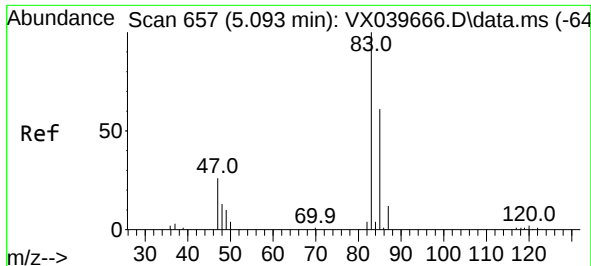
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#24
Methyl tert-Butyl Ether
Concen: 20.464 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 73 Resp: 64149
Ion Ratio Lower Upper
73 100
43 24.1 17.0 25.6





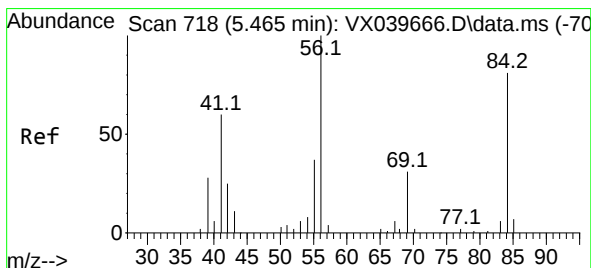
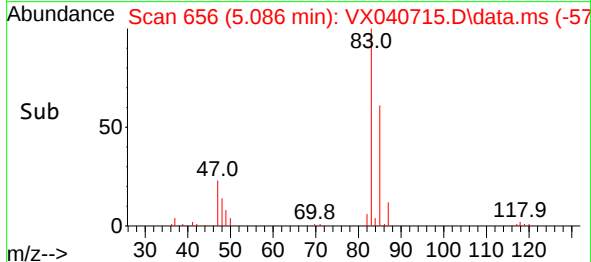
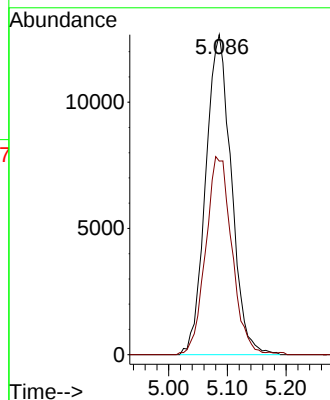
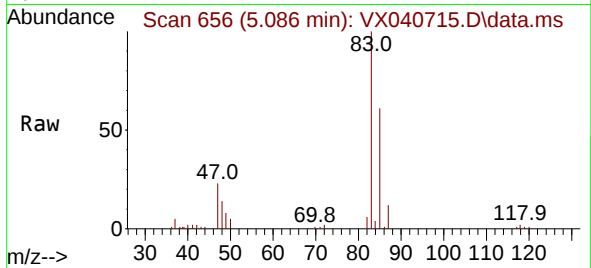
#25
Chloroform
Concen: 19.475 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3845
Ion Ratio Lower Upper
83 100
85 59.9 54.6 81.8

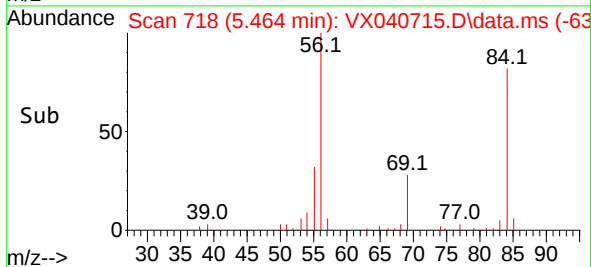
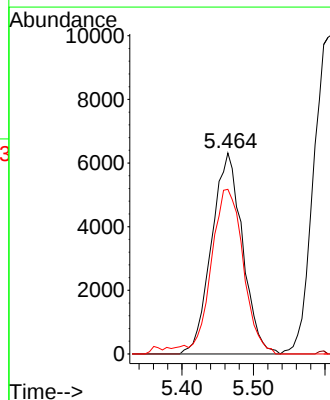
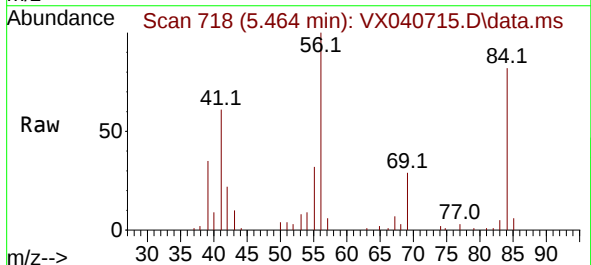
Manual Integrations
APPROVED

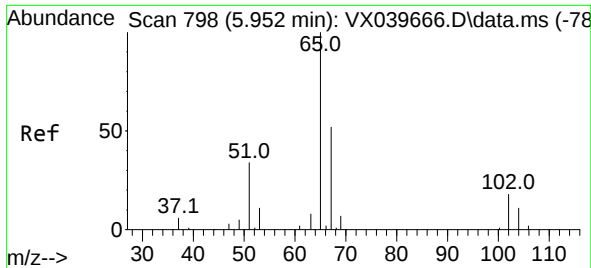
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#26
Cyclohexane
Concen: 13.018 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 56 Resp: 18952
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.8 67.2 100.8





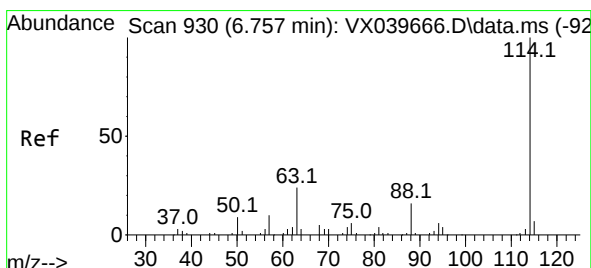
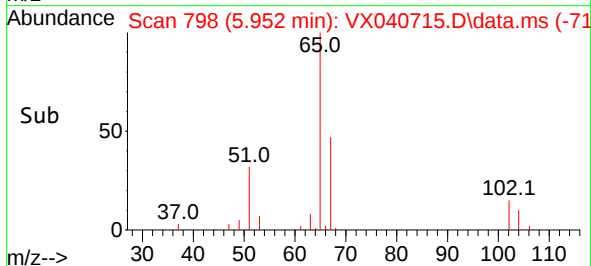
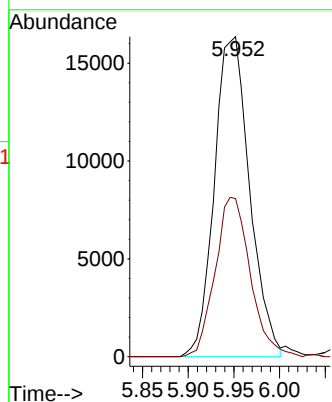
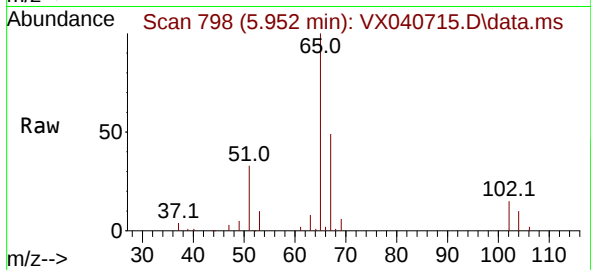
#27
1,2-Dichloroethane-d4
Concen: 30.852 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 43890
Ion Ratio Lower Upper
65 100
67 49.6 42.5 63.7

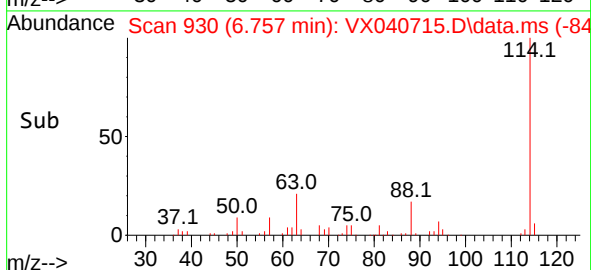
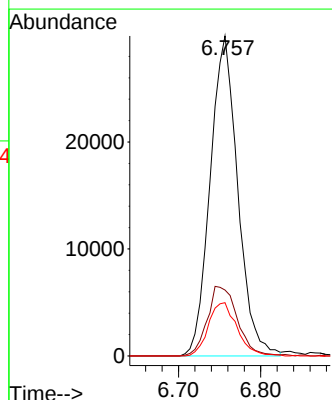
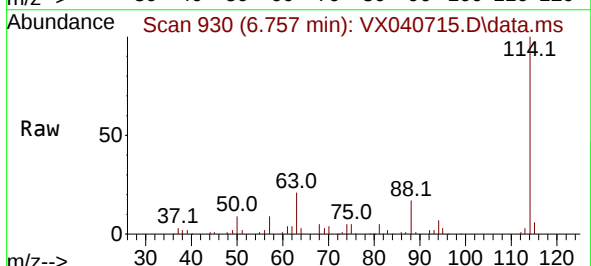
Manual Integrations
APPROVED

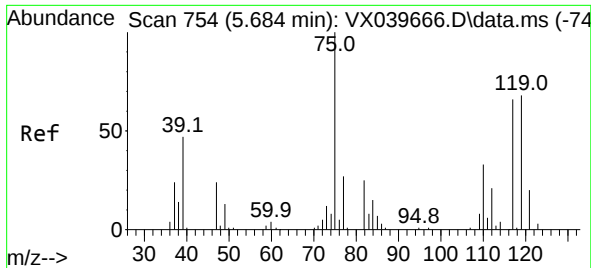
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:114 Resp: 69806
Ion Ratio Lower Upper
114 100
63 23.6 17.0 25.4
88 17.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 17.205 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

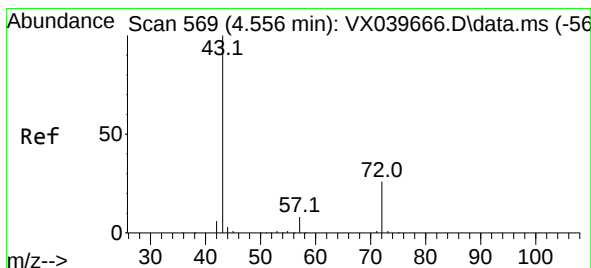
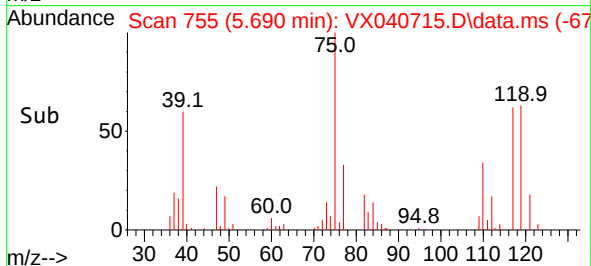
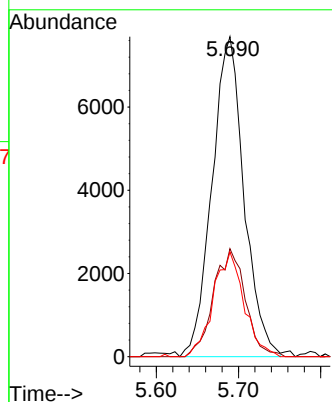
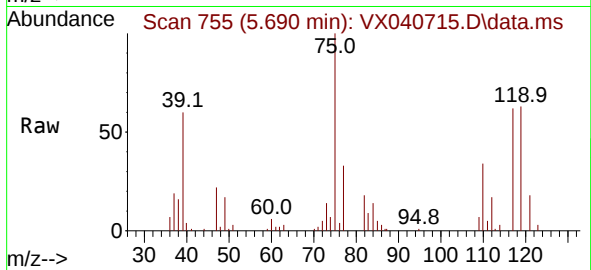
Tgt Ion: 75 Resp: 20789
Ion Ratio Lower Upper
75 100
110 33.5 0.0 71.2
77 31.5 0.0 62.6

Manual Integrations

APPROVED

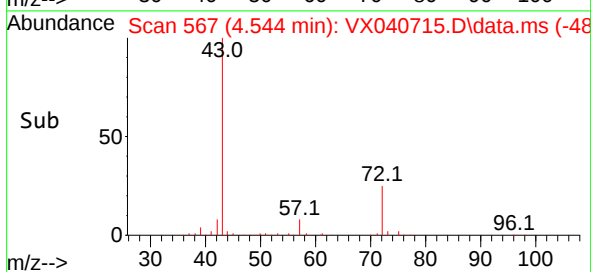
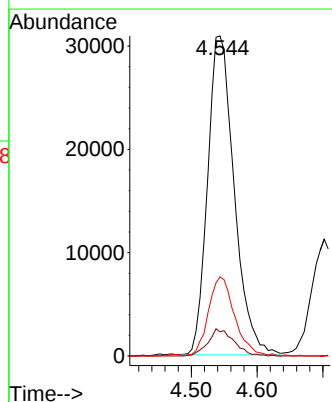
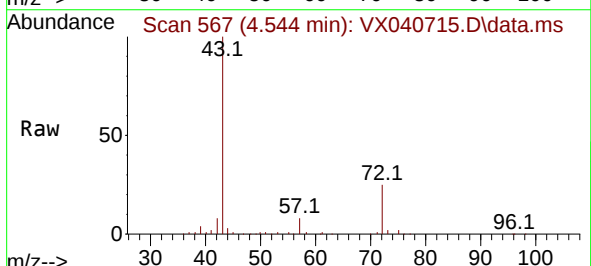
Reviewed By :John Carlone 03/20/2024

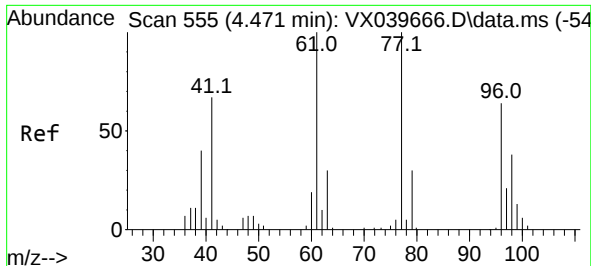
Supervised By :Mahesh Dadoda 03/20/2024



#30
2-Butanone
Concen: 117.952 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

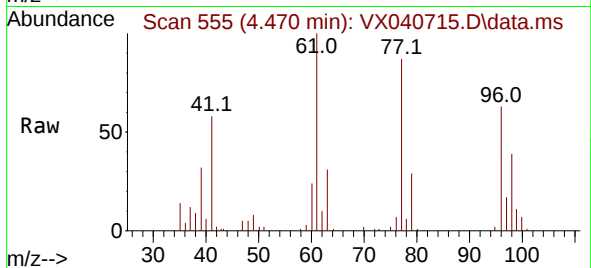
Tgt Ion: 43 Resp: 86969
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 24.3 20.6 31.0





#31
2,2-Dichloropropane
Concen: 18.830 ug/l
RT: 4.470 min Scan# 51
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

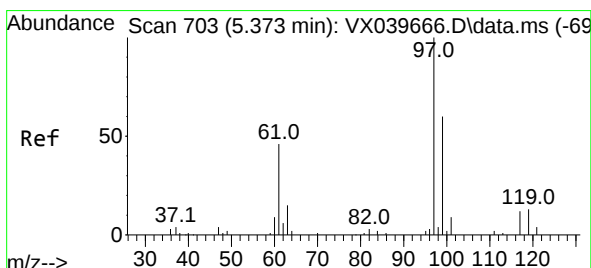
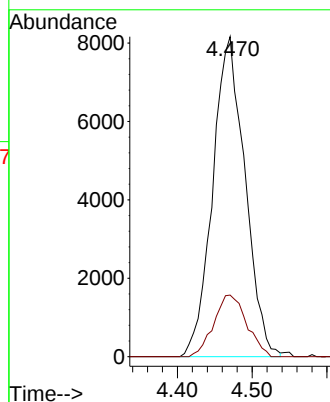
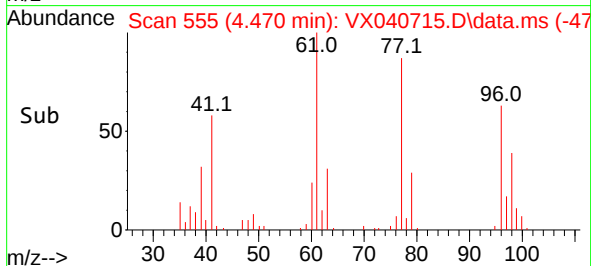
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



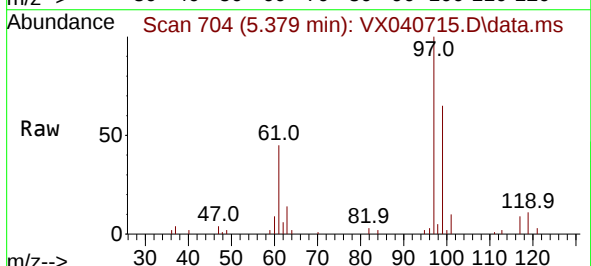
Tgt Ion: 77 Resp: 2455
Ion Ratio Lower Upper
77 100
97 19.6 18.2 27.4

Manual Integrations
APPROVED

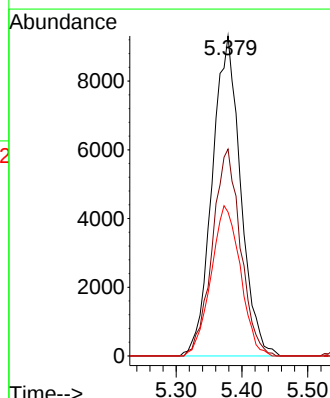
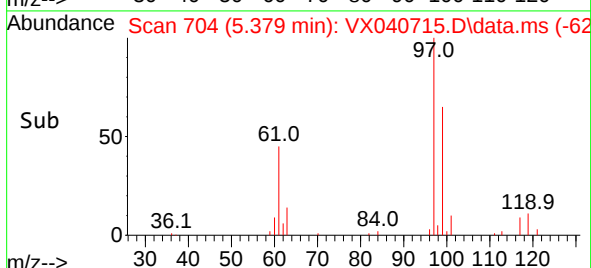
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

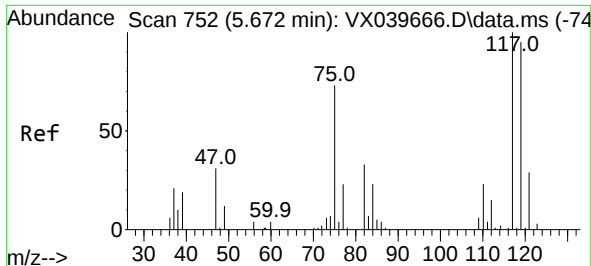


#32
1,1,1-Trichloroethane
Concen: 18.404 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



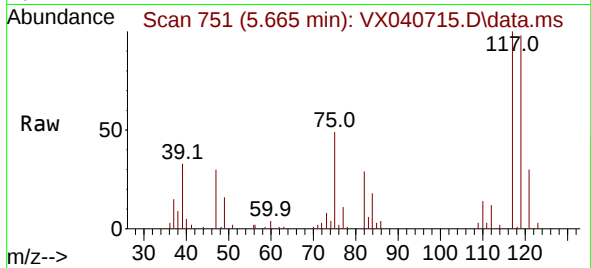
Tgt Ion: 97 Resp: 28021
Ion Ratio Lower Upper
97 100
99 64.2 52.6 79.0
61 48.4 36.9 55.3





#33
Carbon Tetrachloride
Concen: 17.650 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

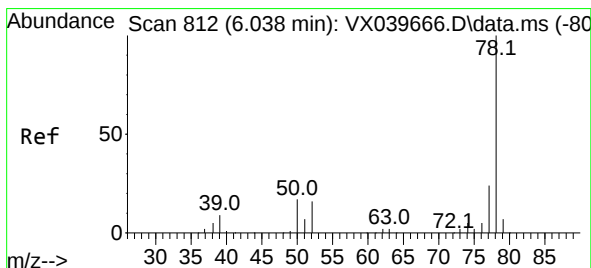
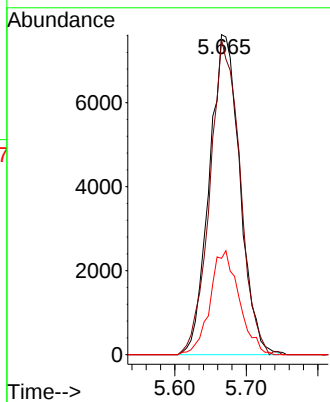
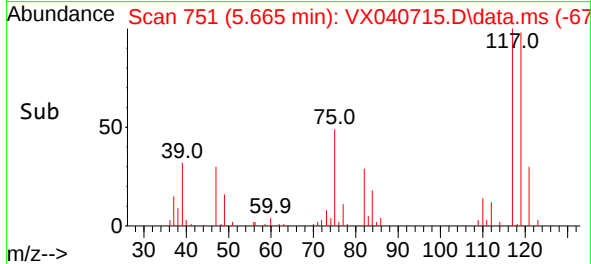
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 22609
Ion Ratio Lower Upper
117 100
119 98.4 78.2 117.4
121 30.1 24.7 37.1

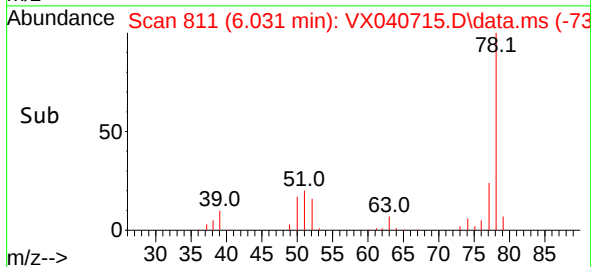
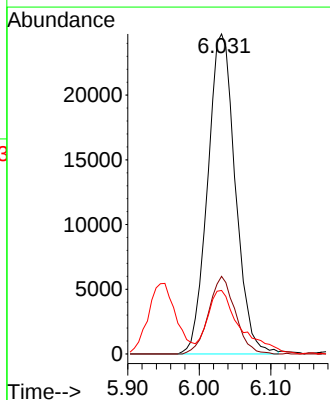
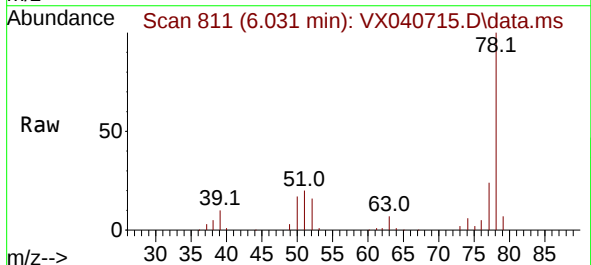
Manual Integrations
APPROVED

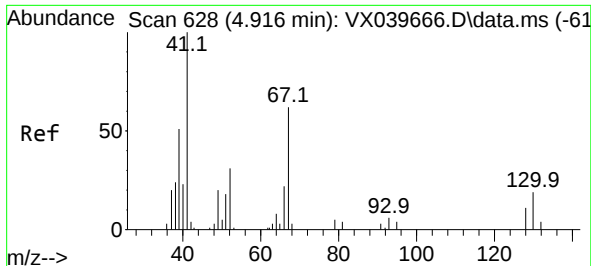
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#34
Benzene
Concen: 20.382 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

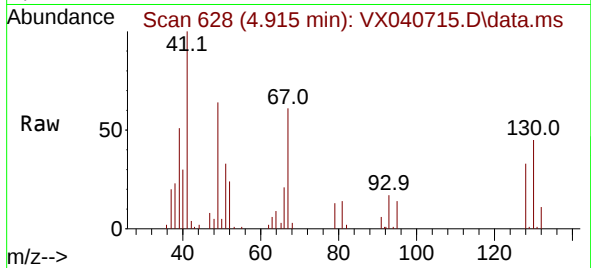
Tgt Ion: 78 Resp: 66484
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 18.2 14.4 21.6





#35
Methacrylonitrile
Concen: 26.330 ug/l m
RT: 4.915 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

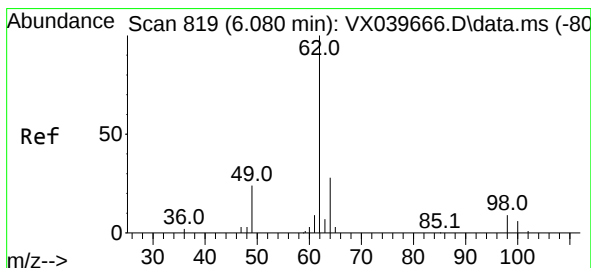
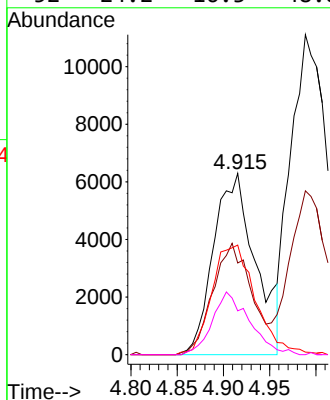
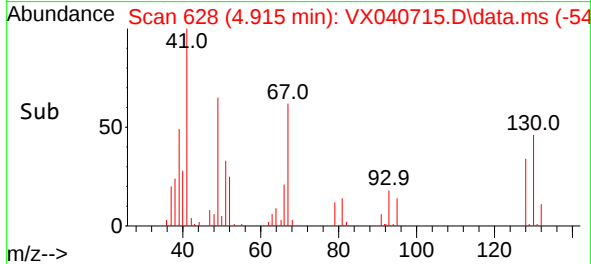
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 19930
Ion Ratio Lower Upper
41 100
39 50.6 28.2 84.7
67 60.5 34.5 103.5
52 24.2 16.3 48.8

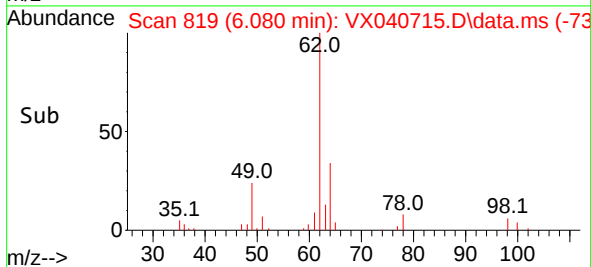
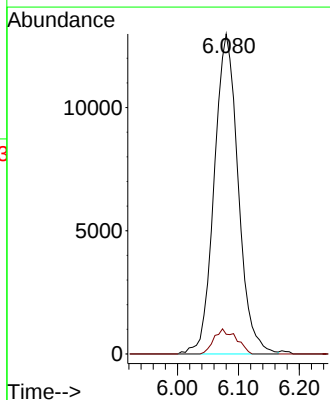
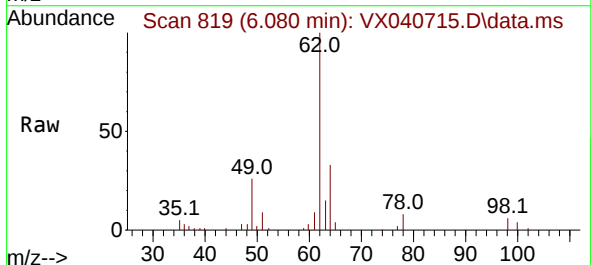
Manual Integrations
APPROVED

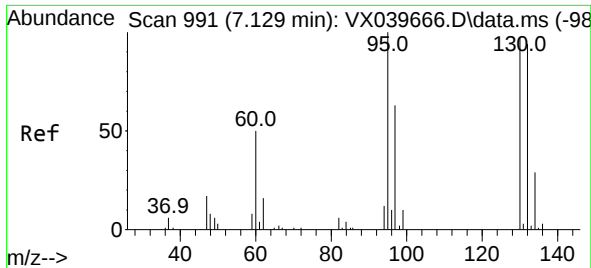
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#36
1,2-Dichloroethane
Concen: 23.550 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

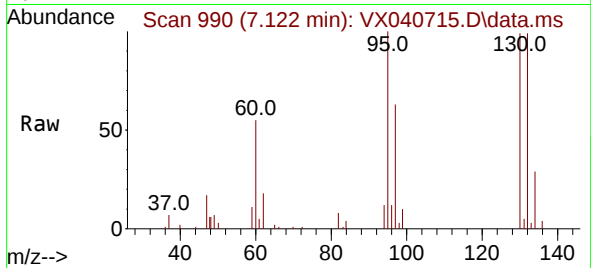
Tgt Ion: 62 Resp: 35517
Ion Ratio Lower Upper
62 100
98 5.0 7.0 10.4#





#37
Trichloroethene
Concen: 18.190 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

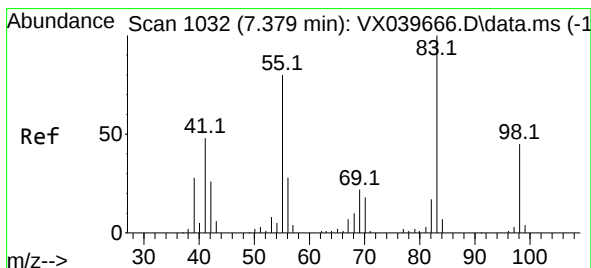
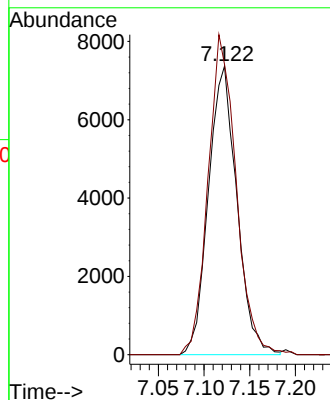
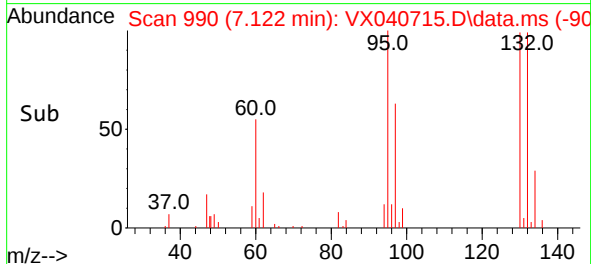
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



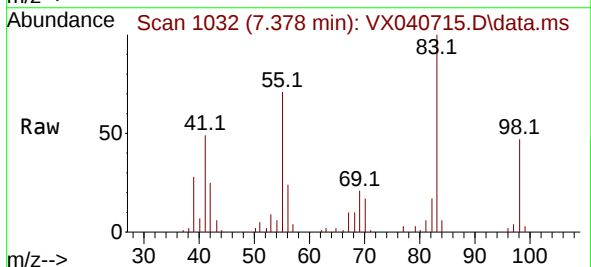
Tgt Ion:130 Resp: 15944
Ion Ratio Lower Upper
130 100
95 100.6 85.8 128.8

Manual Integrations
APPROVED

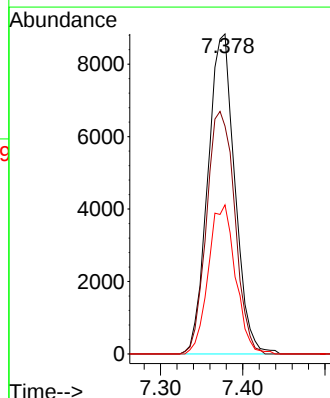
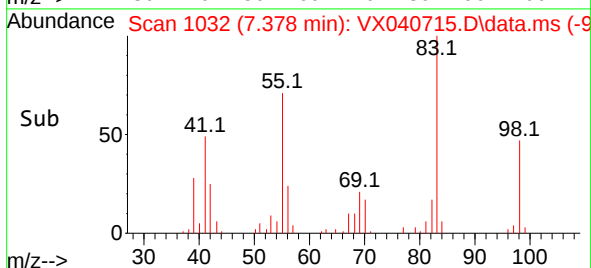
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

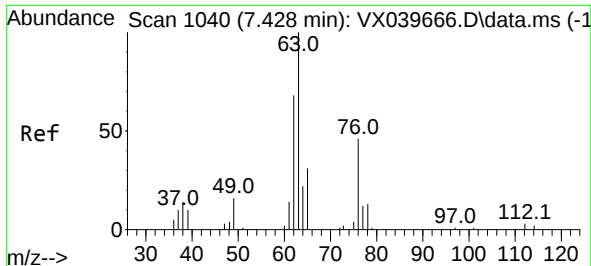


#38
Methylcyclohexane
Concen: 15.476 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



Tgt Ion: 83 Resp: 20136
Ion Ratio Lower Upper
83 100
55 79.3 38.6 116.0
98 46.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 22.984 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 1908

Ion Ratio Lower Upper

63 100

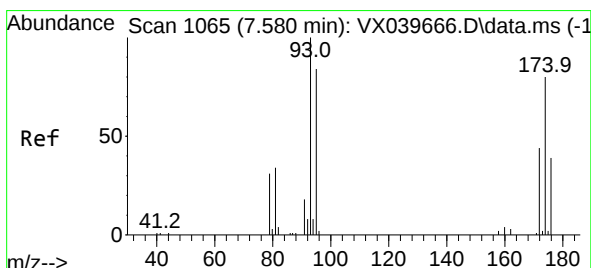
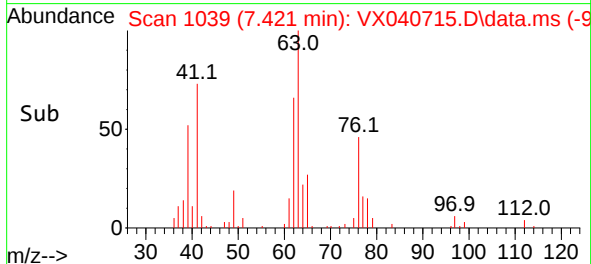
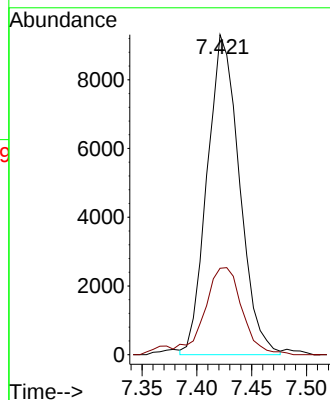
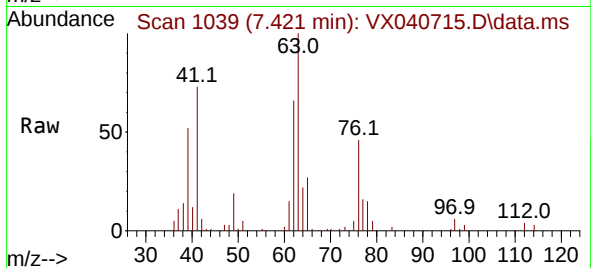
65 26.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#40

Dibromomethane

Concen: 24.174 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

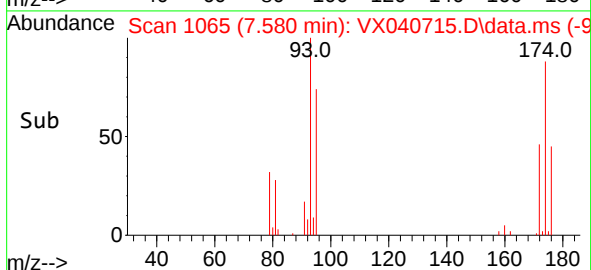
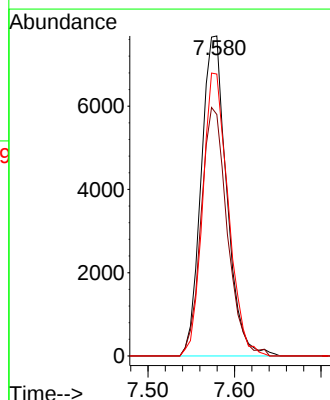
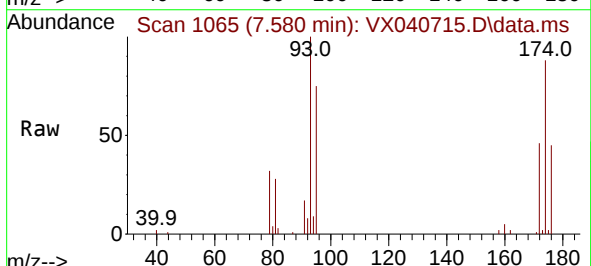
Tgt Ion: 93 Resp: 15772

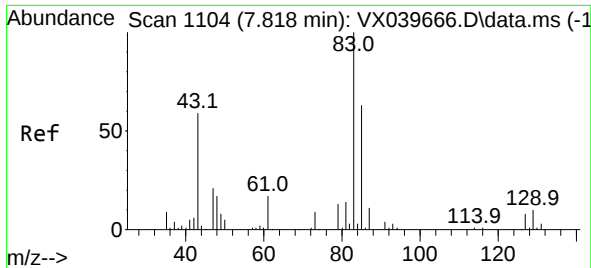
Ion Ratio Lower Upper

93 100

95 78.4 0.0 163.4

174 88.1 0.0 166.4





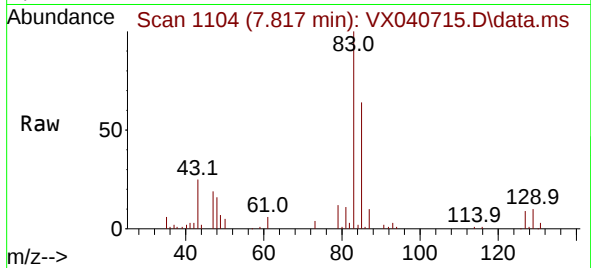
#41
Bromodichloromethane
Concen: 23.538 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



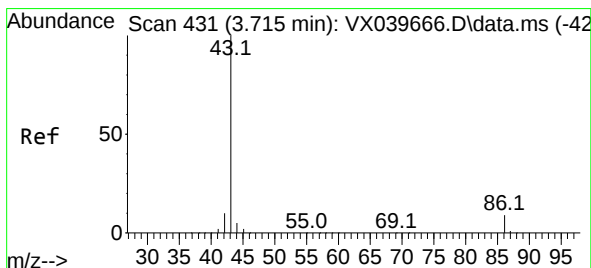
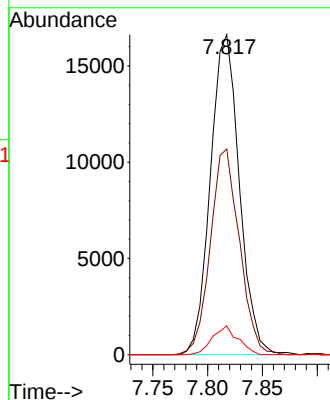
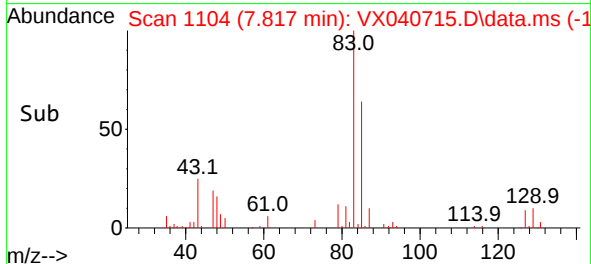
Tgt Ion: 83 Resp: 30552
Ion Ratio Lower Upper
83 100
85 64.0 50.8 76.2
127 9.0 5.9 8.9

Manual Integrations

APPROVED

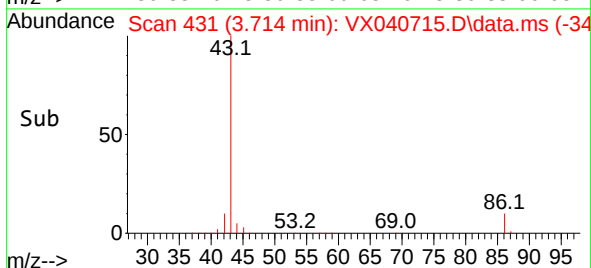
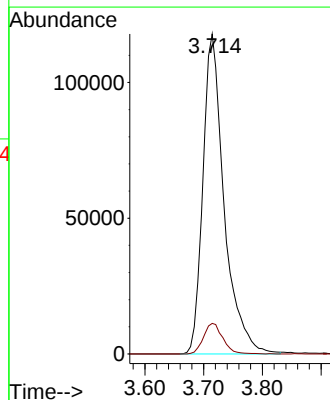
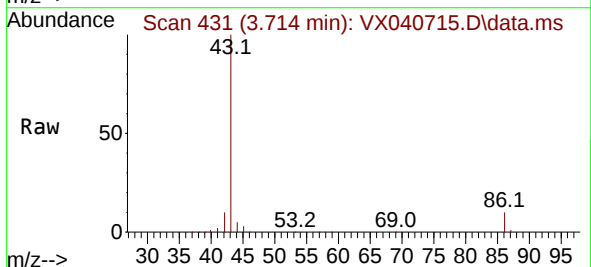
Reviewed By :John Carlone 03/20/2024

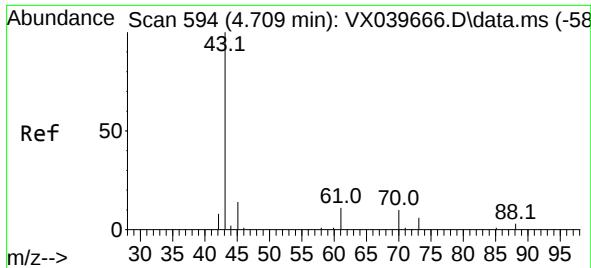
Supervised By :Mahesh Dadoda 03/20/2024



#42
Vinyl Acetate
Concen: 116.722 ug/l
RT: 3.714 min Scan# 431
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 43 Resp: 296311
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1





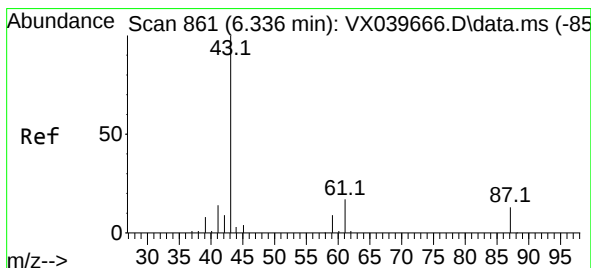
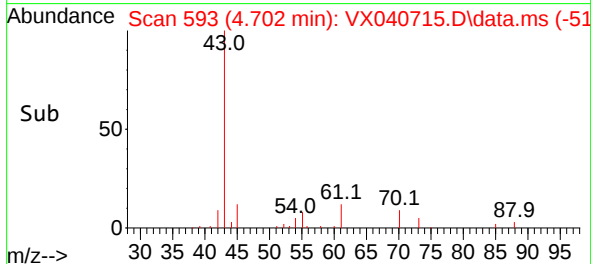
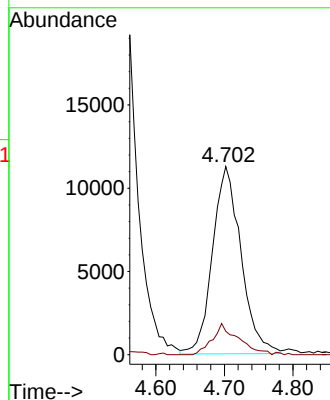
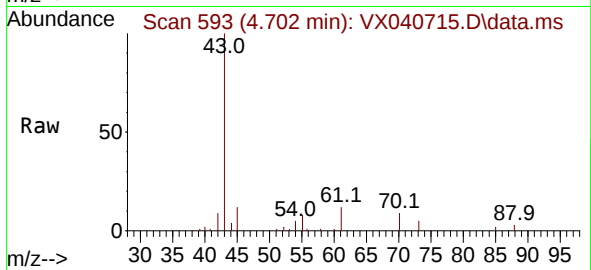
#43
Ethyl Acetate
Concen: 23.422 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 32524
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8

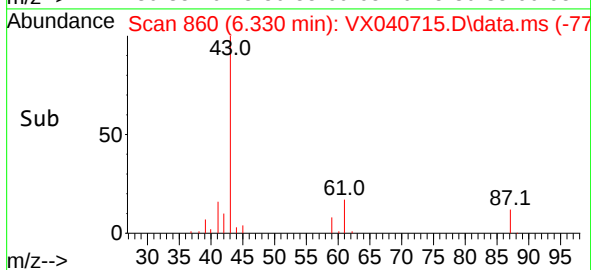
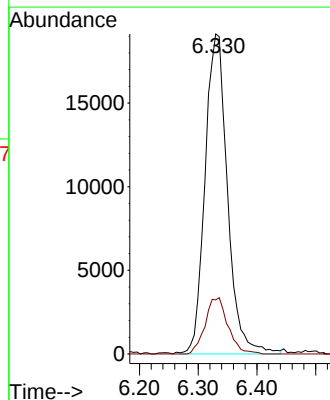
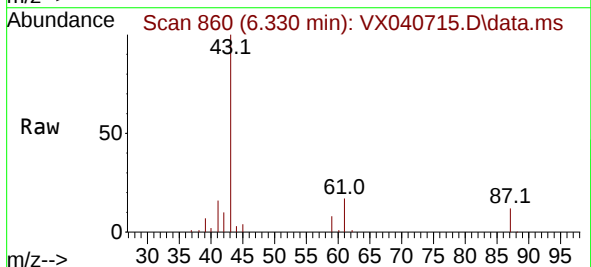
Manual Integrations
APPROVED

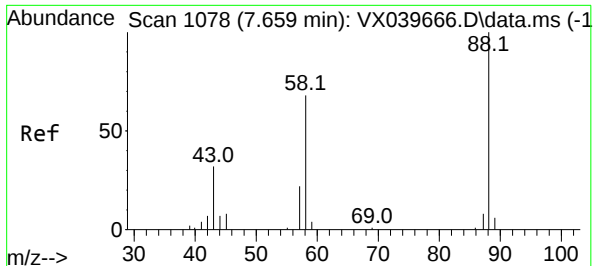
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#44
Isopropyl Acetate
Concen: 22.949 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

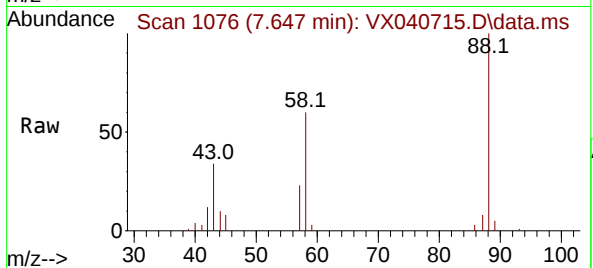
Tgt Ion: 43 Resp: 50869
Ion Ratio Lower Upper
43 100
61 17.8 15.6 23.4





#45
1,4-Dioxane
Concen: 455.699 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.012 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

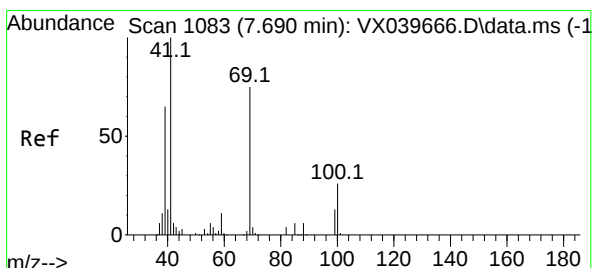
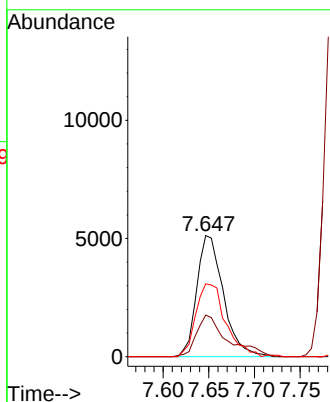
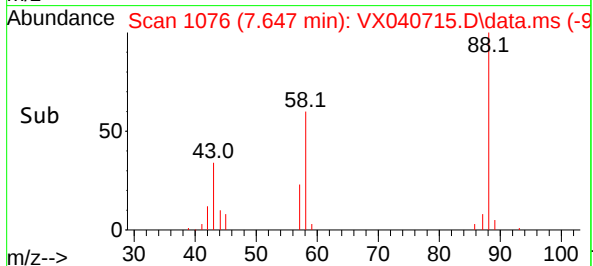
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 1038
Ion Ratio Lower Upper
88 100
43 39.5 28.1 42.1
58 66.9 57.7 86.5

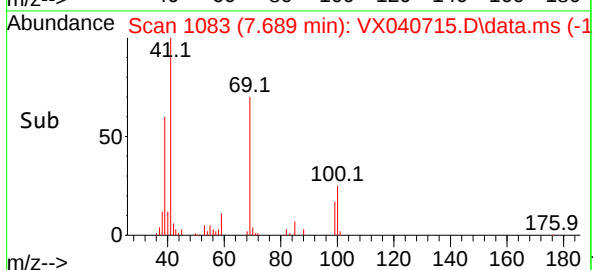
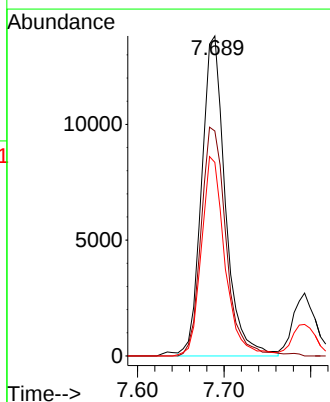
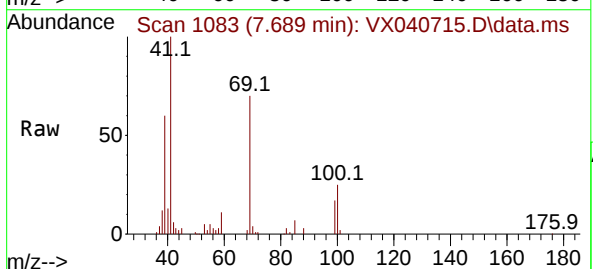
Manual Integrations
APPROVED

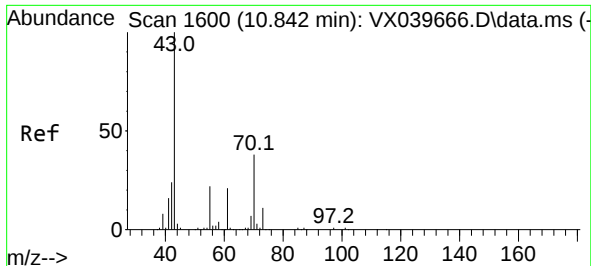
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#46
Methyl methacrylate
Concen: 23.901 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

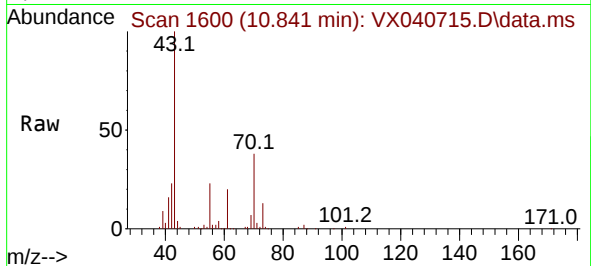
Tgt Ion: 41 Resp: 26313
Ion Ratio Lower Upper
41 100
69 71.0 39.6 118.8
39 60.7 30.1 90.3





#47
n-amy1 Acetate
Concen: 21.329 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

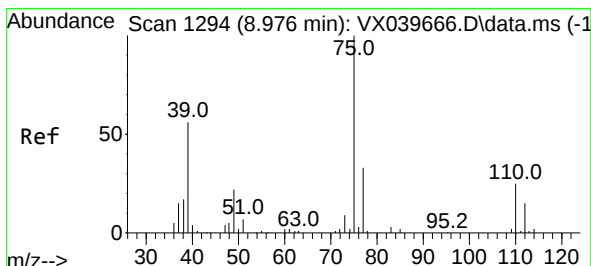
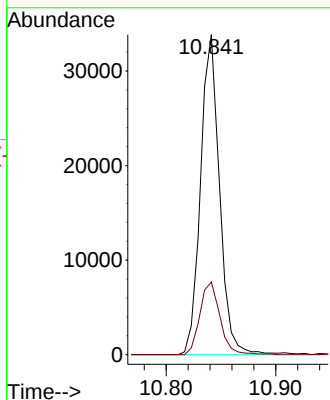
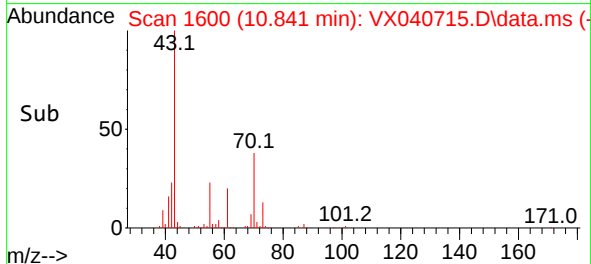
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
55 24.1 18.2 27.2

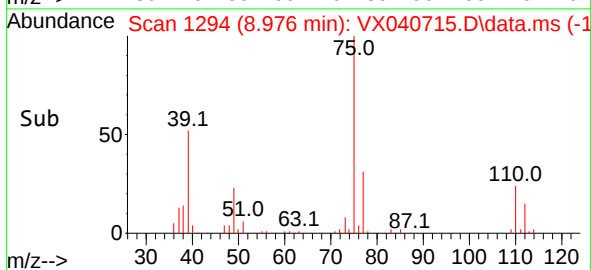
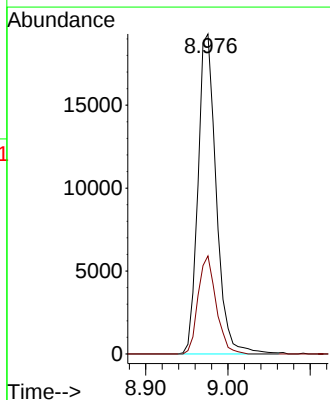
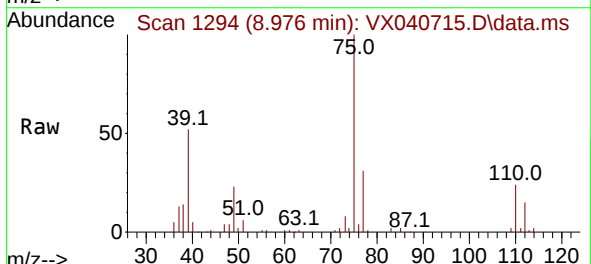
Manual Integrations
APPROVED

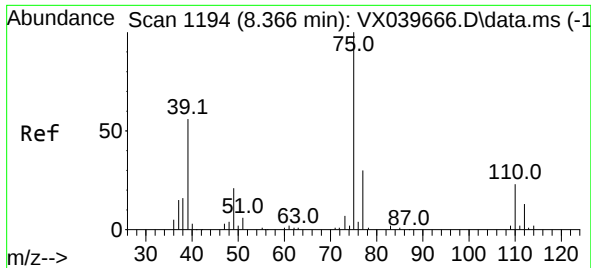
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#48
t-1,3-Dichloropropene
Concen: 21.719 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 75 Resp: 29796
Ion Ratio Lower Upper
75 100
77 30.7 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 22.055 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3082

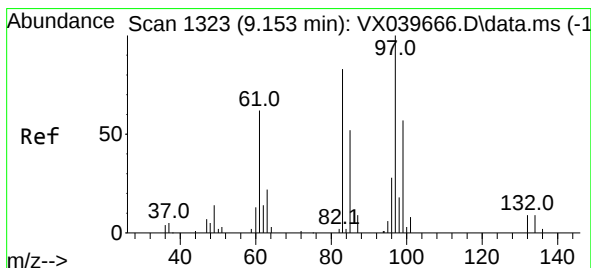
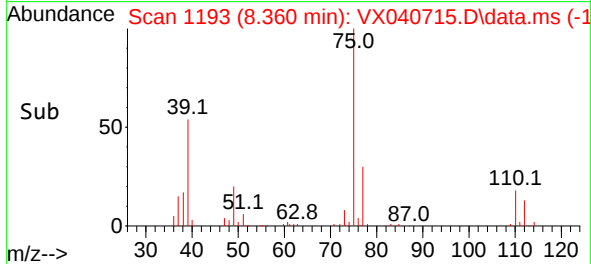
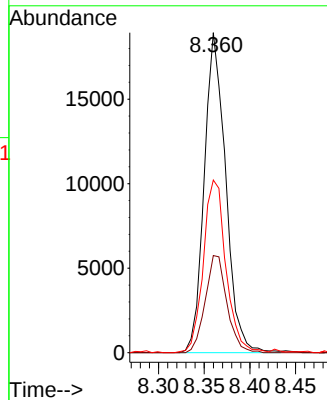
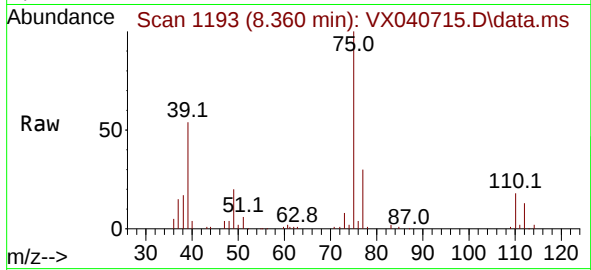
Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.4	36.6
39	53.6	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#50

1,1,2-Trichloroethane

Concen: 23.774 ug/l

RT: 9.146 min Scan# 1322

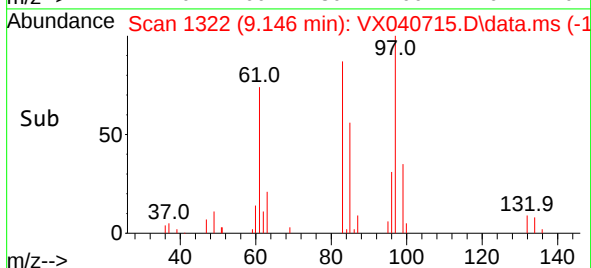
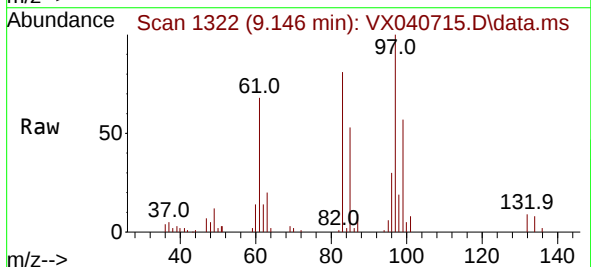
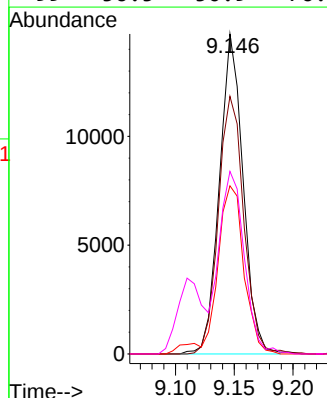
Delta R.T. -0.007 min

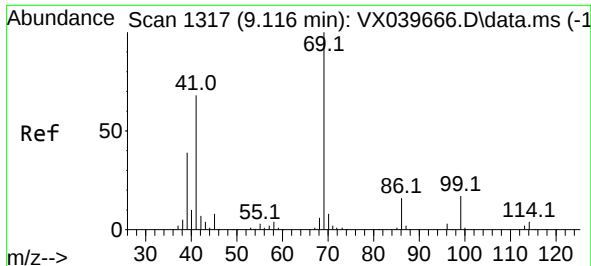
Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion: 97 Resp: 20604

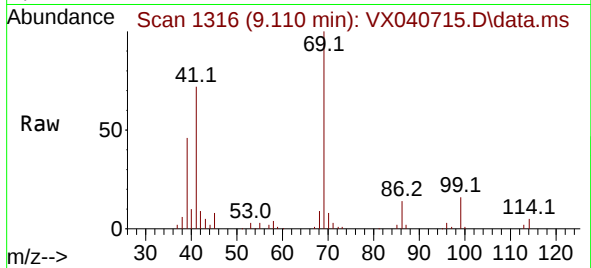
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.0	103.6
85	52.6	46.3	69.5
99	56.5	50.9	76.3





#51
Ethyl methacrylate
Concen: 22.847 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

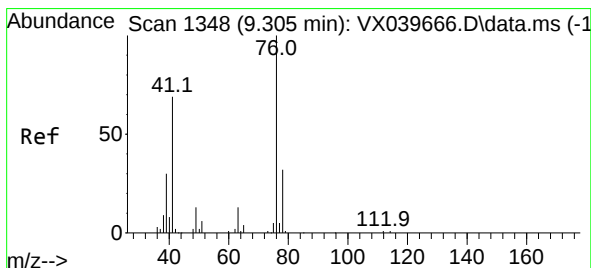
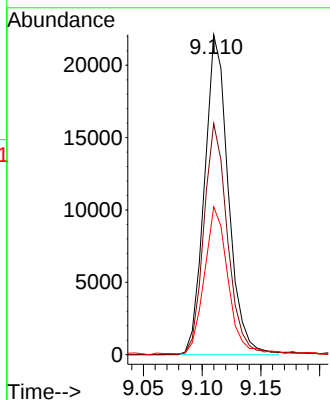
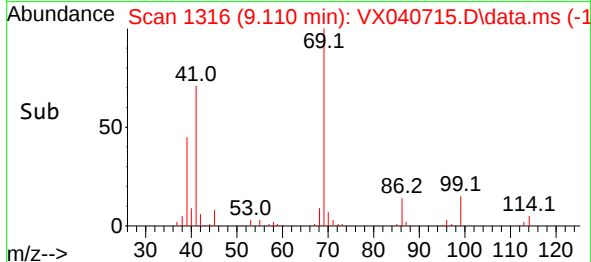
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



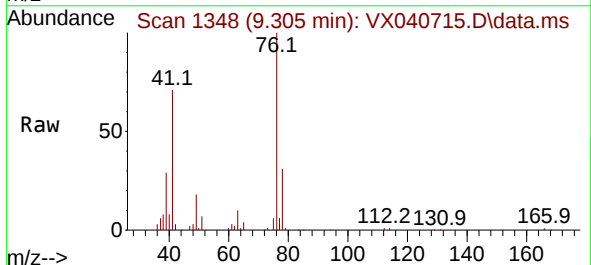
Tgt Ion: 69 Resp: 31172
Ion Ratio Lower Upper
69 100
41 72.3 36.2 108.6
39 45.9 21.1 63.4

Manual Integrations
APPROVED

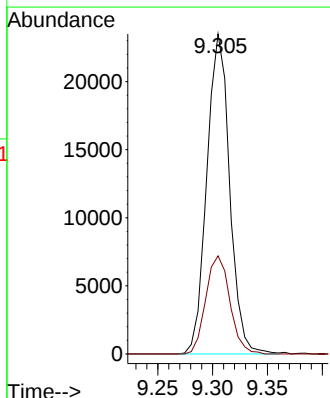
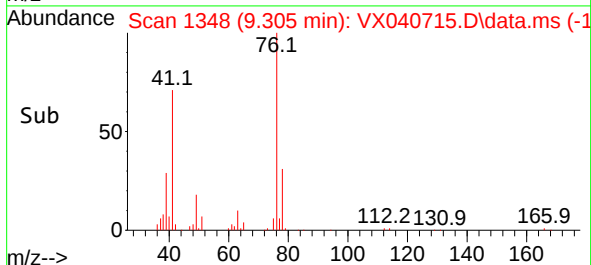
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

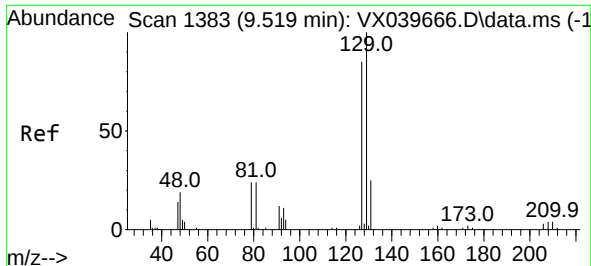


#52
1,3-Dichloropropane
Concen: 23.033 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



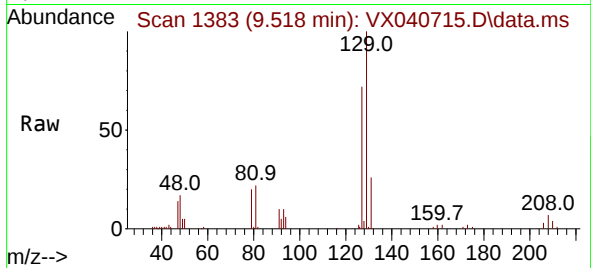
Tgt Ion: 76 Resp: 34061
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.0





#53
Dibromochloromethane
Concen: 22.450 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

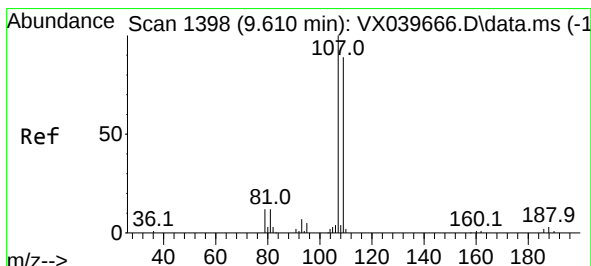
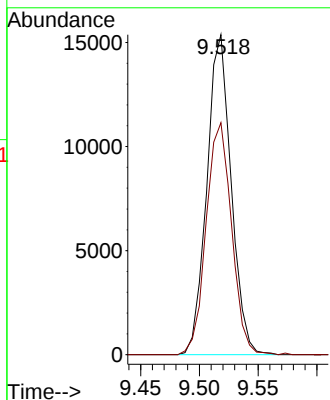
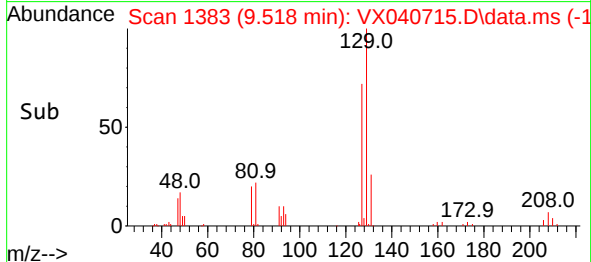
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 22179
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.9

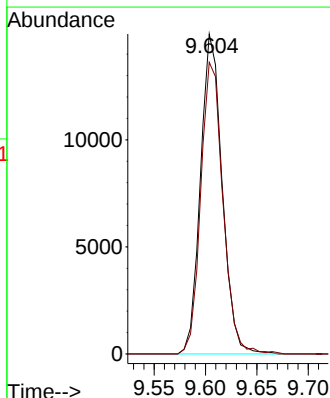
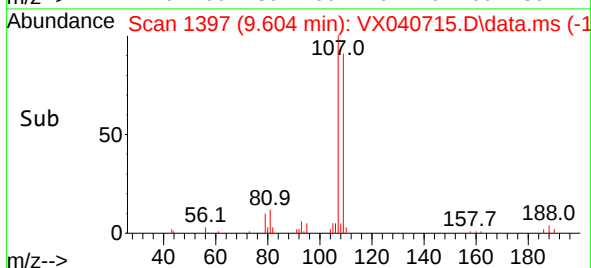
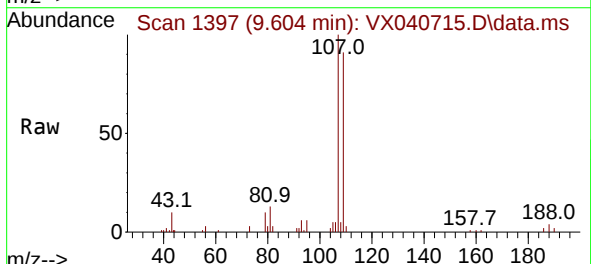
Manual Integrations
APPROVED

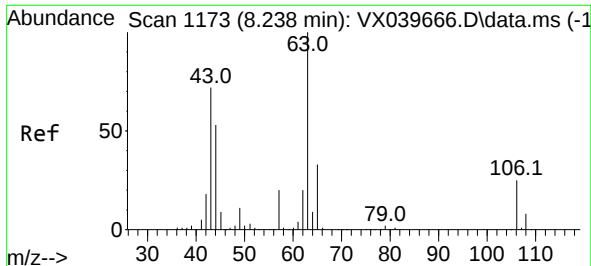
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#54
1,2-Dibromoethane
Concen: 22.893 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:107 Resp: 21953
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7





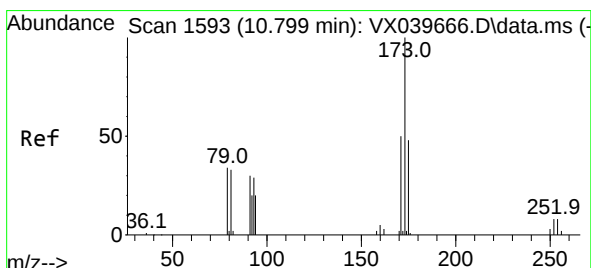
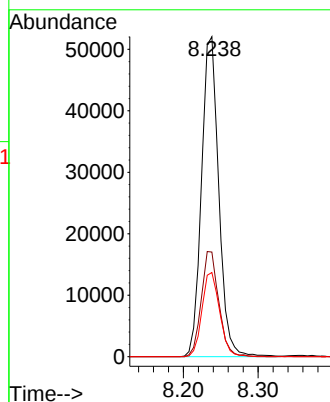
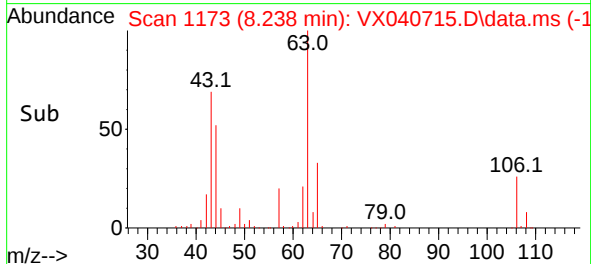
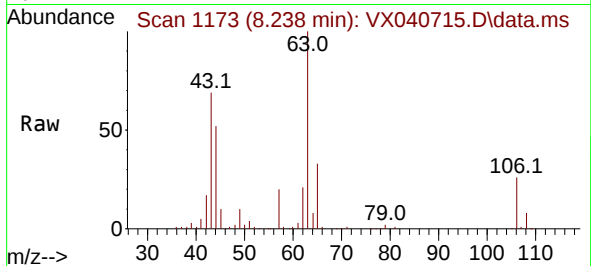
#55
2-Chloroethyl vinyl ether
Concen: 120.236 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 8354
Ion Ratio Lower Upper
63 100
65 33.2 25.8 38.6
106 26.9 20.6 31.0

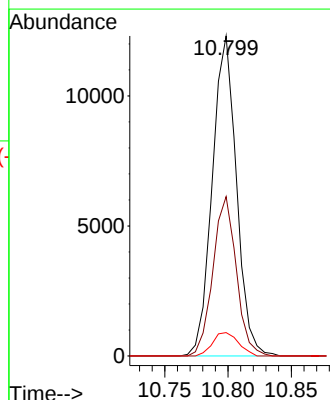
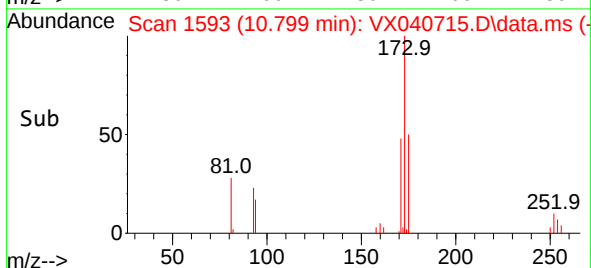
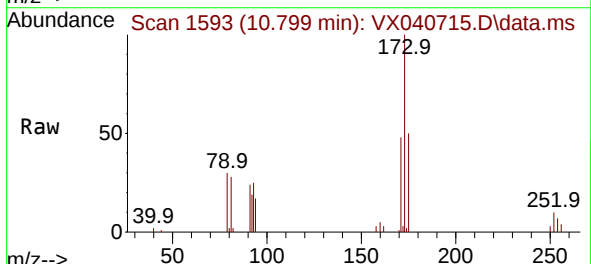
Manual Integrations
APPROVED

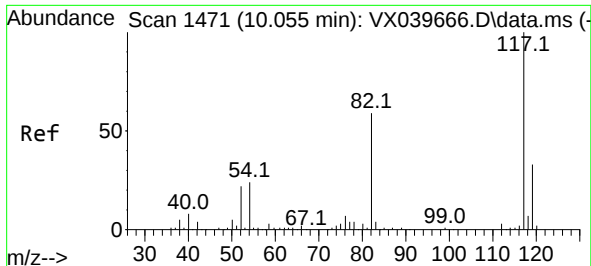
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#56
Bromoform
Concen: 23.324 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:173 Resp: 16344
Ion Ratio Lower Upper
173 100
175 48.1 37.6 56.4
254 7.8 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 6498

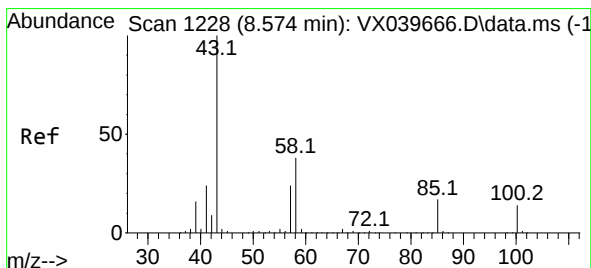
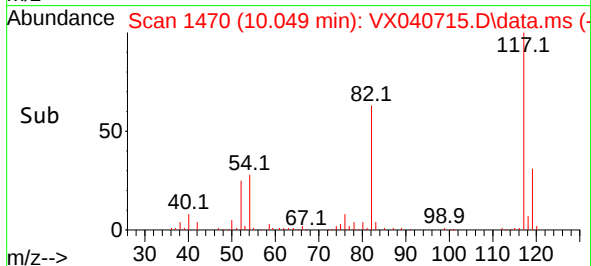
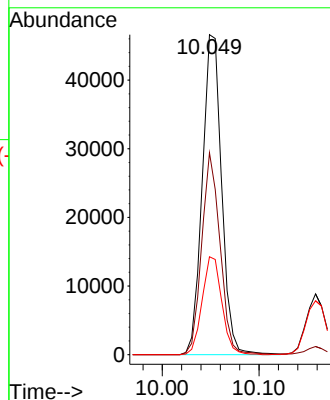
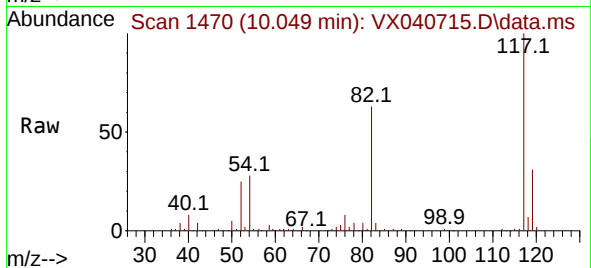
Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.0	70.6
119	31.2	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#58

4-Methyl-2-Pentanone

Concen: 122.890 ug/l

RT: 8.567 min Scan# 1227

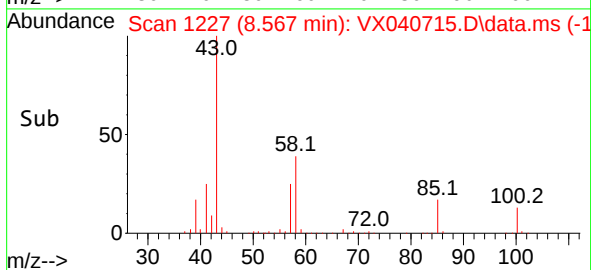
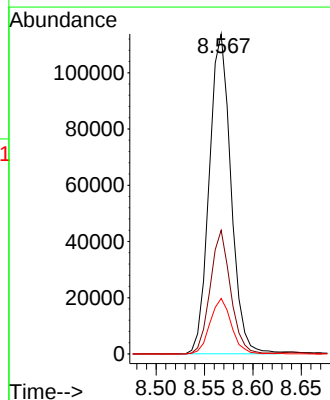
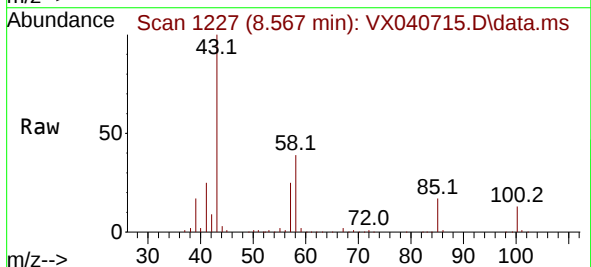
Delta R.T. -0.007 min

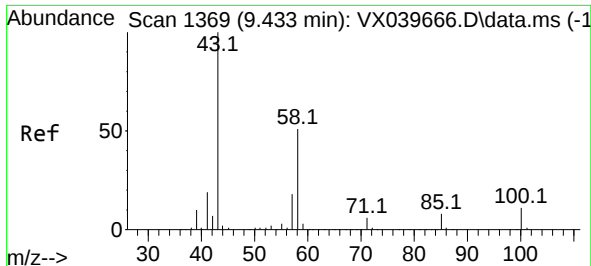
Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion: 43 Resp: 177828

Ion	Ratio	Lower	Upper
43	100		
58	36.3	30.1	45.1
85	17.0	13.9	20.9





#59

2-Hexanone

Concen: 116.056 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 13565

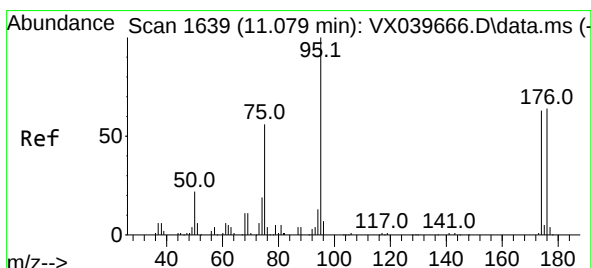
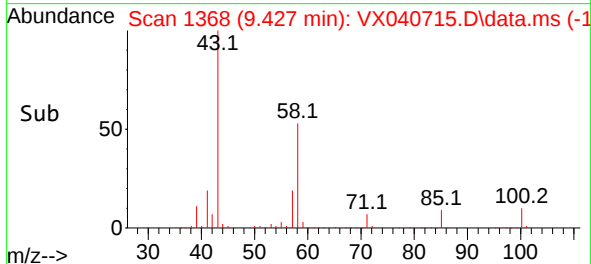
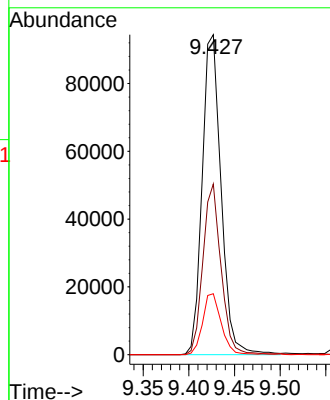
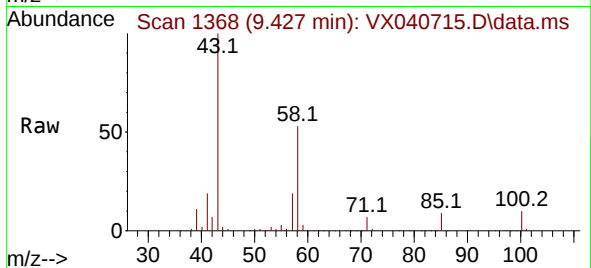
Ion	Ratio	Lower	Upper
43	100		
58	51.0	42.7	64.1
57	18.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#60

4-Bromofluorobenzene

Concen: 30.105 ug/l

RT: 11.079 min Scan# 1639

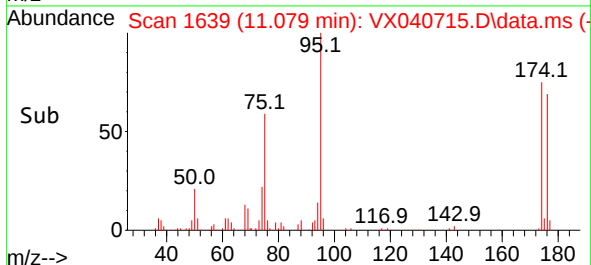
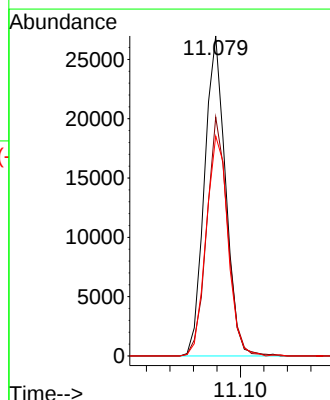
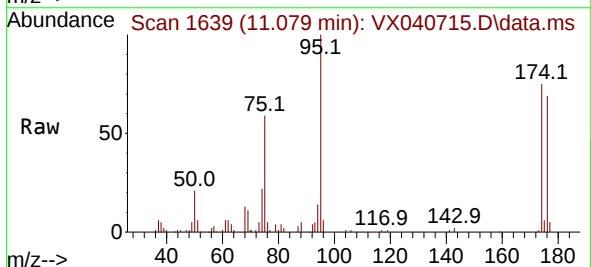
Delta R.T. -0.000 min

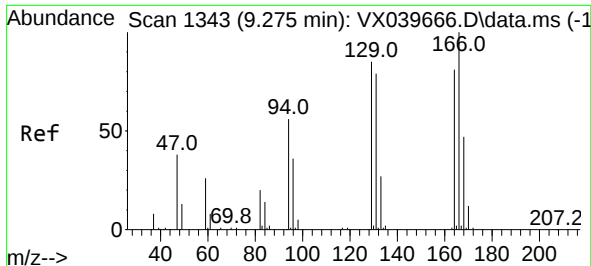
Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion: 95 Resp: 33558

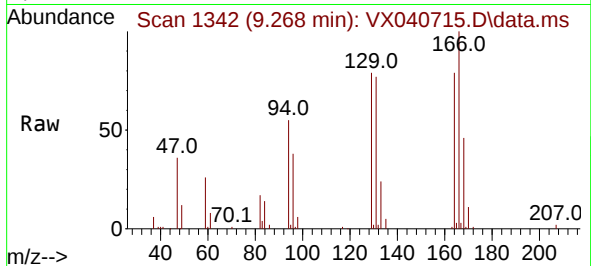
Ion	Ratio	Lower	Upper
95	100		
174	73.5	55.4	83.2
176	71.3	52.6	78.8





#61
Tetrachloroethene
Concen: 17.700 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

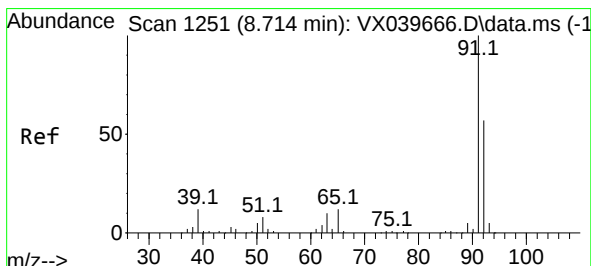
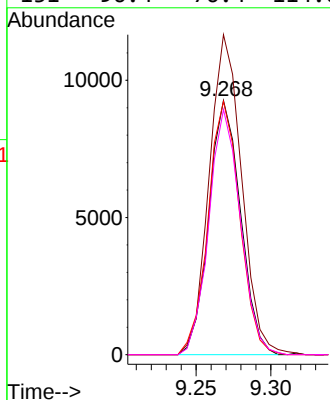
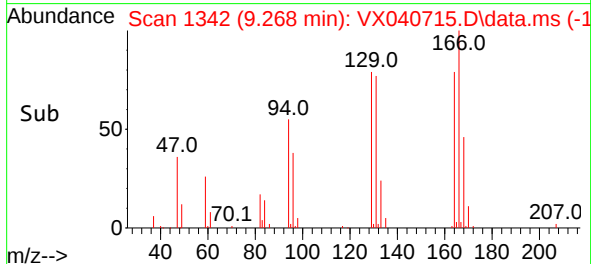
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 13652
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 99.7 82.0 123.0
131 96.4 76.4 114.6

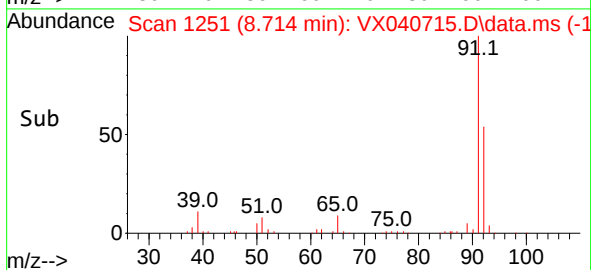
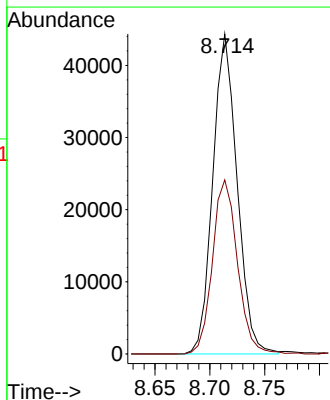
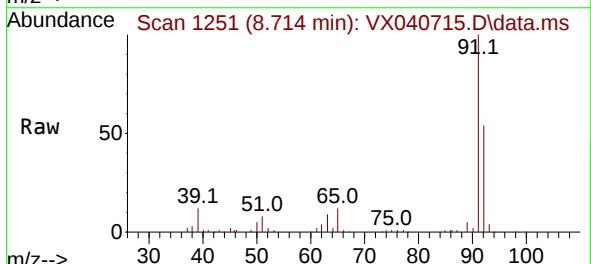
Manual Integrations
APPROVED

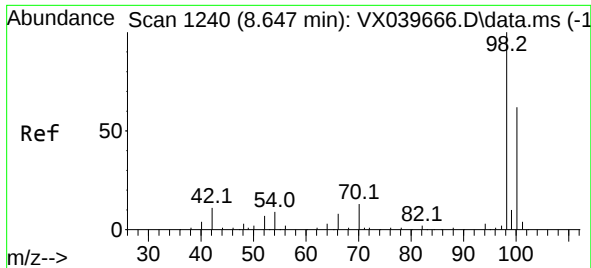
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#62
Toluene
Concen: 19.129 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 91 Resp: 68465
Ion Ratio Lower Upper
91 100
92 55.9 45.9 68.9





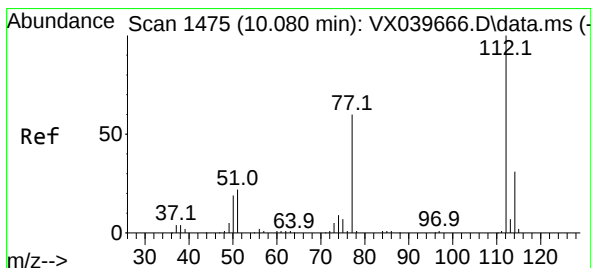
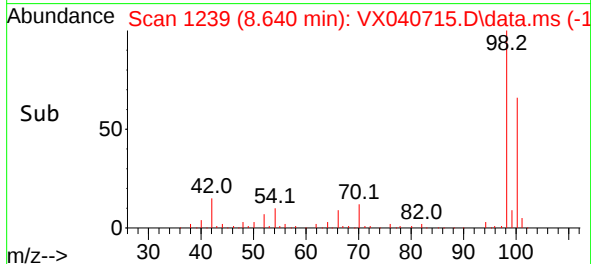
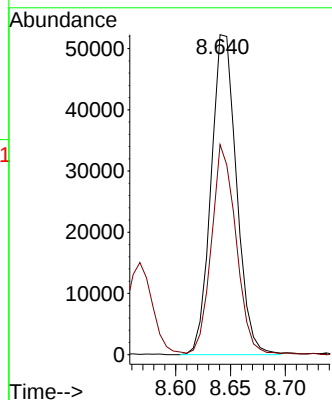
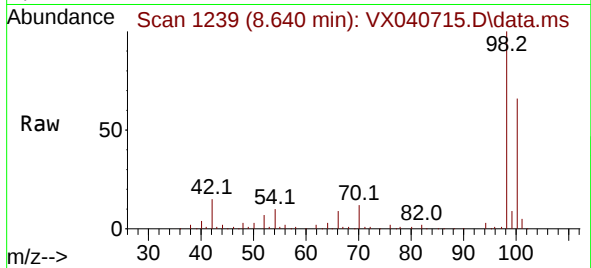
#63
Toluene-d8
Concen: 29.474 ug/l
RT: 8.640 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 84640
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.4

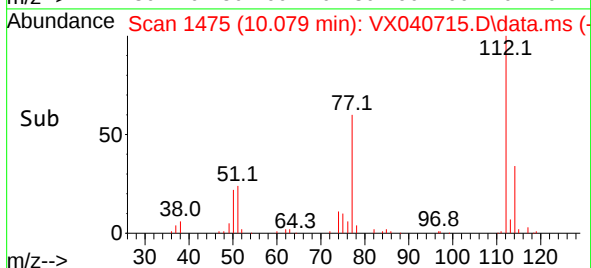
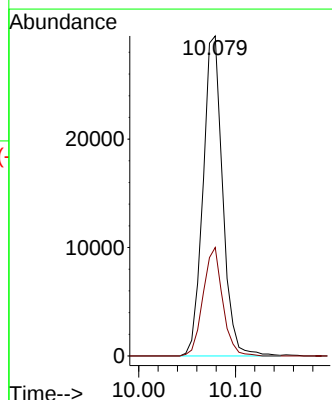
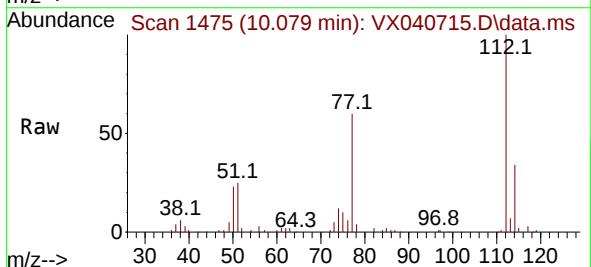
Manual Integrations
APPROVED

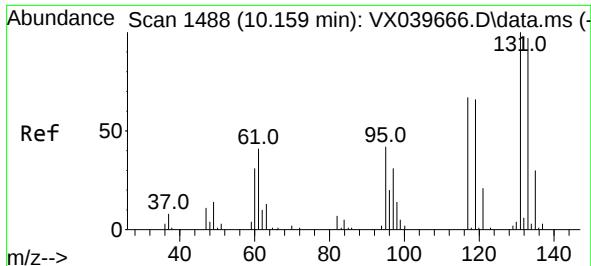
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#64
Chlorobenzene
Concen: 19.064 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

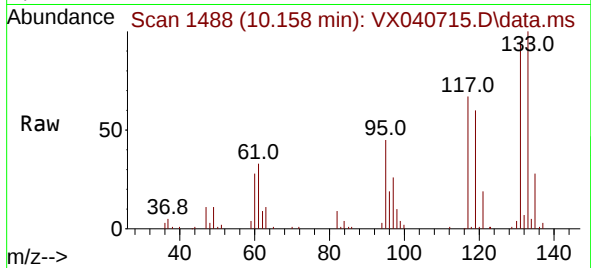
Tgt Ion:112 Resp: 41703
Ion Ratio Lower Upper
112 100
114 33.9 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 21.734 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

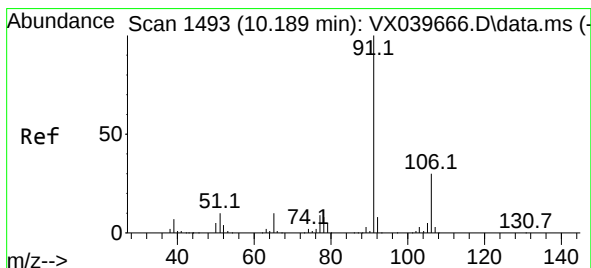
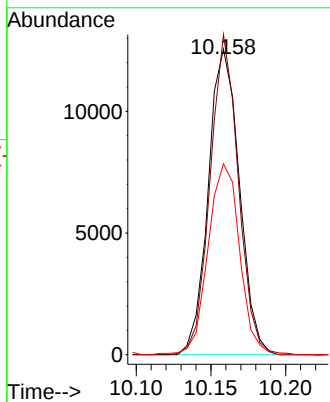
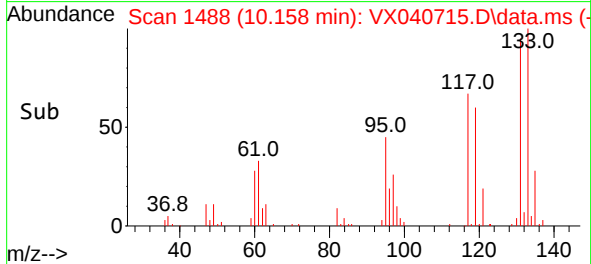
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 18134
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.8
119 63.2 0.0 135.4

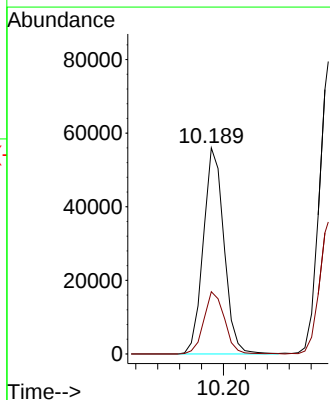
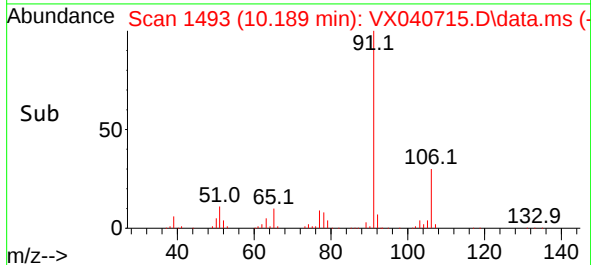
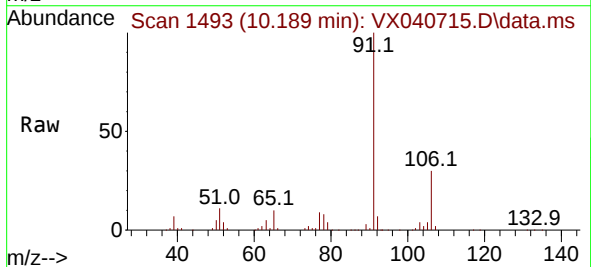
Manual Integrations
APPROVED

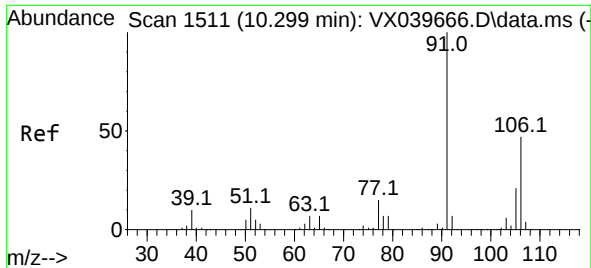
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#66
Ethyl Benzene
Concen: 17.770 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 91 Resp: 73331
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6





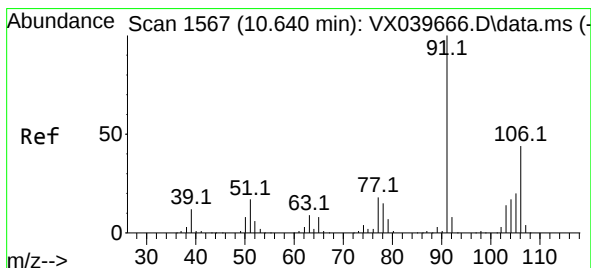
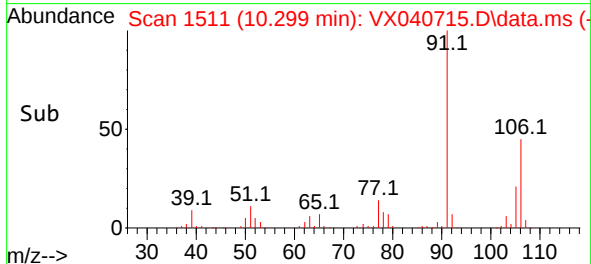
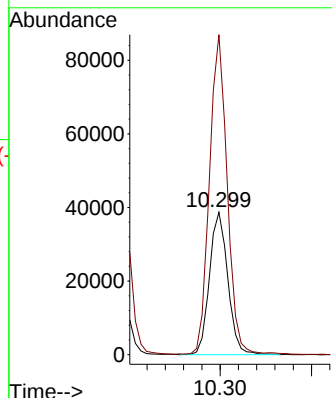
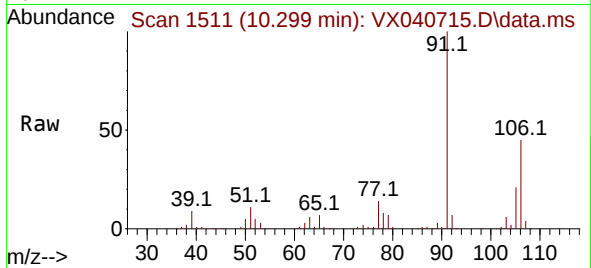
#67
m/p-Xylenes
Concen: 35.323 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 53829
Ion Ratio Lower Upper
106 100
91 217.2 169.4 254.0

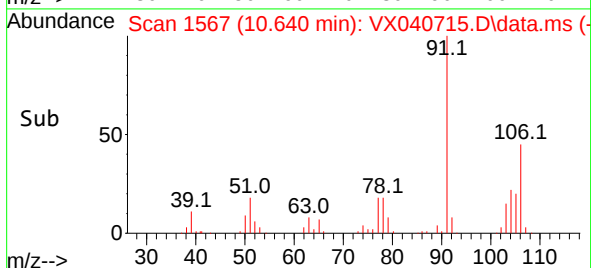
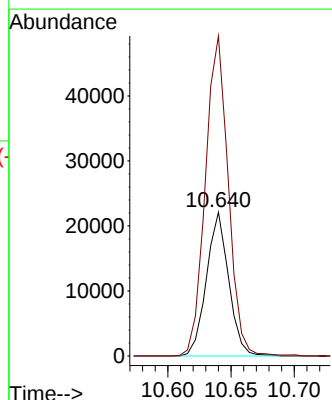
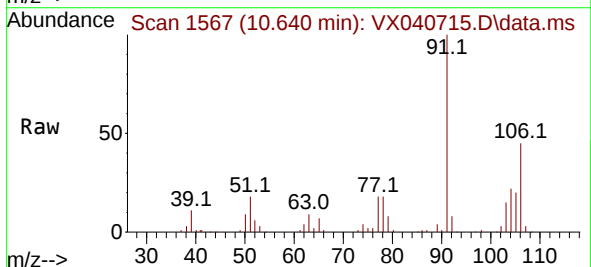
Manual Integrations
APPROVED

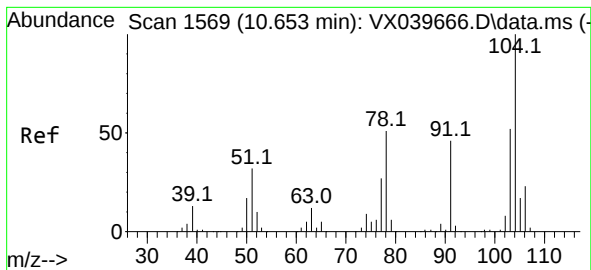
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#68
o-Xylene
Concen: 18.452 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:106 Resp: 27069
Ion Ratio Lower Upper
106 100
91 229.0 111.2 333.6





#69

Styrene

Concen: 18.802 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

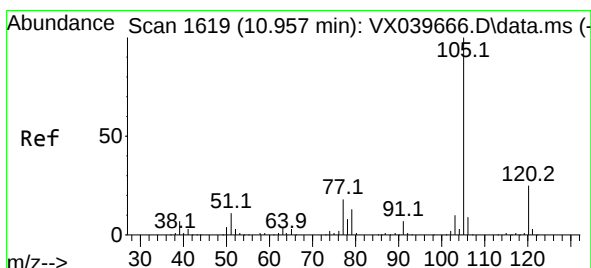
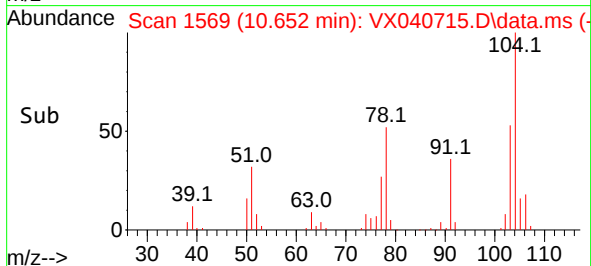
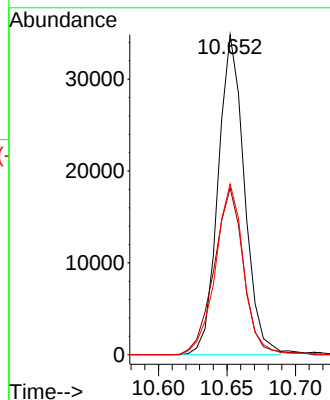
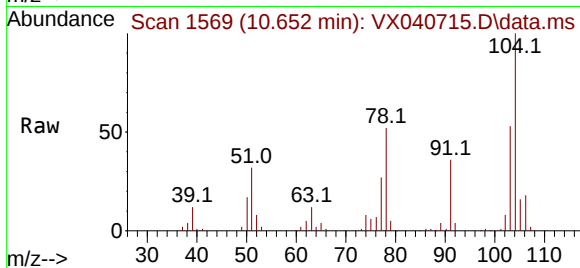
Tgt Ion:104	Resp:	4634
Ion Ratio	Lower	Upper
104	100	
78	58.7	43.7 65.5
103	57.3	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#70

Isopropylbenzene

Concen: 17.346 ug/l

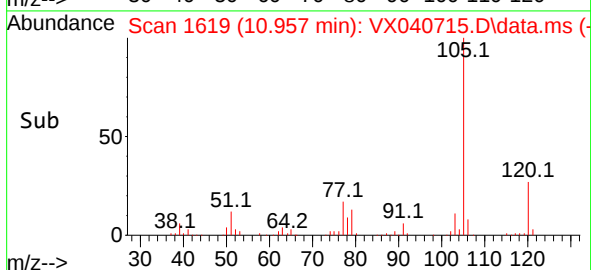
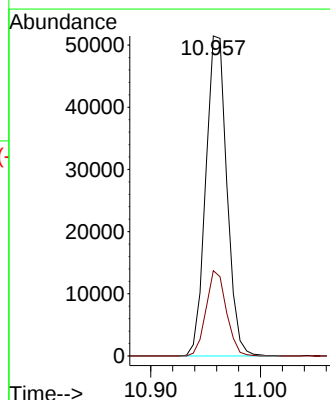
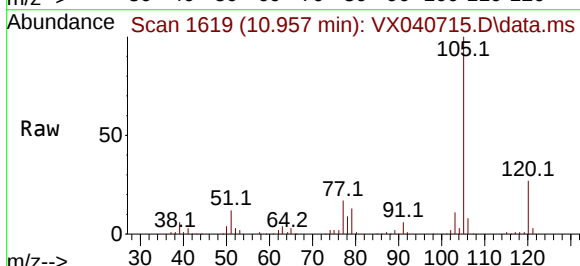
RT: 10.957 min Scan# 1619

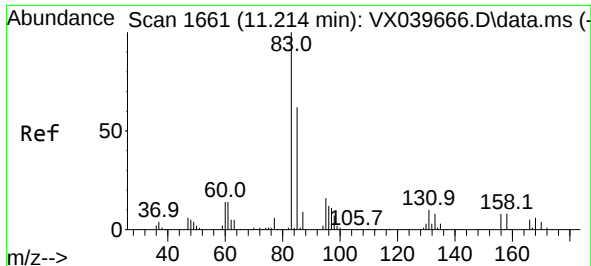
Delta R.T. 0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion:105	Resp:	68758
Ion Ratio	Lower	Upper
105	100	
120	25.7	18.5 34.3





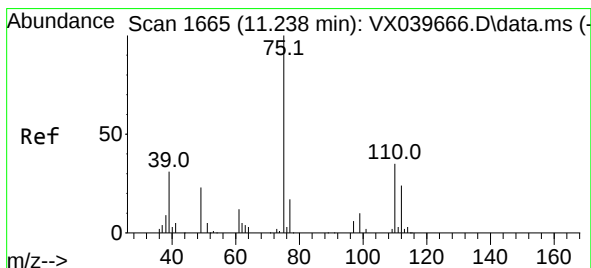
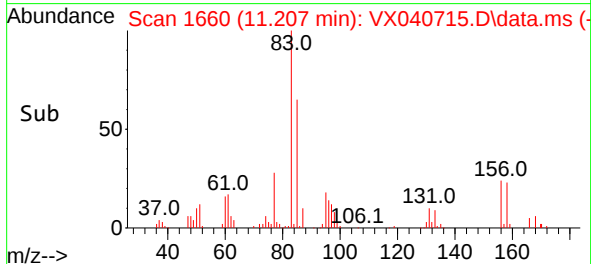
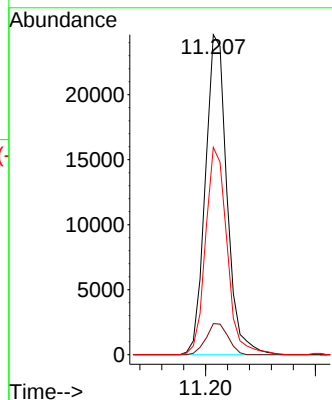
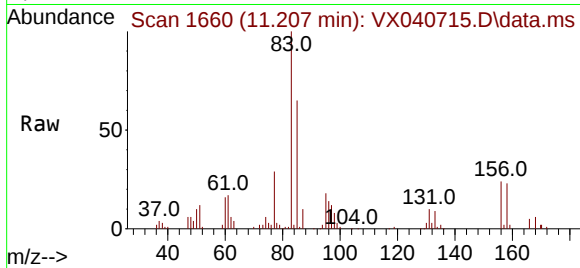
#71
1,1,2,2-Tetrachloroethane
Concen: 24.205 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 33630
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 64.5 32.5 97.4

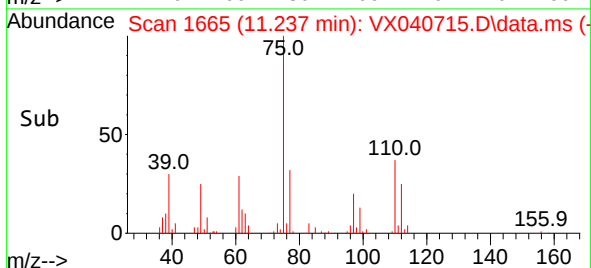
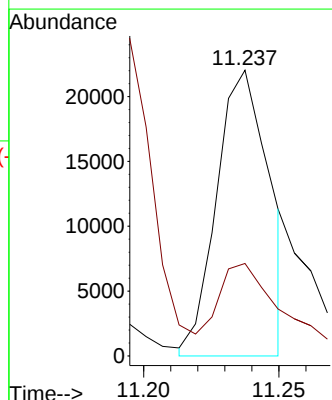
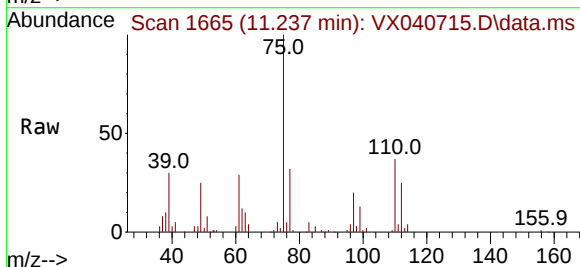
Manual Integrations
APPROVED

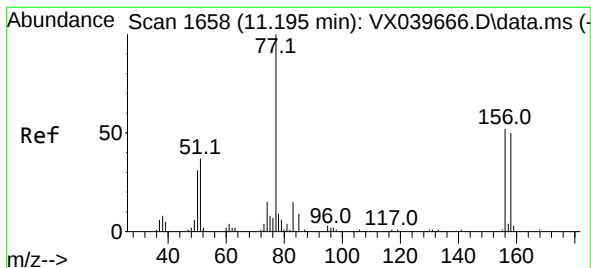
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#72
1,2,3-Trichloropropane
Concen: 23.884 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 75 Resp: 29863
Ion Ratio Lower Upper
75 100
77 40.3 0.0 76.4





#73

Bromobenzene

Concen: 19.662 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

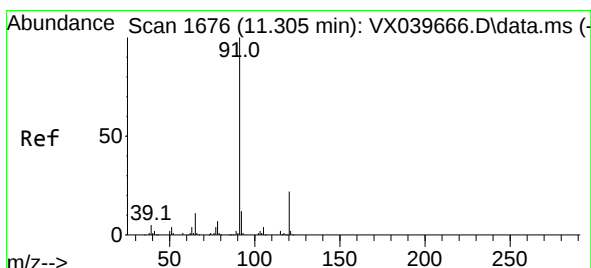
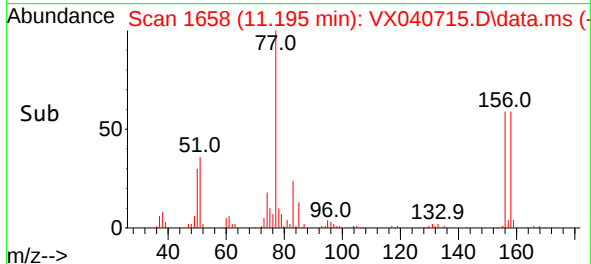
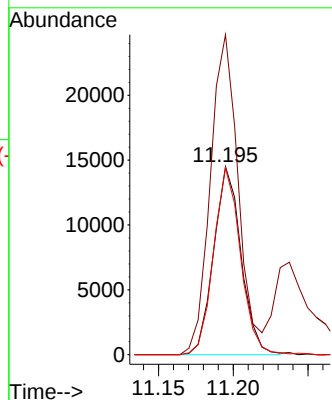
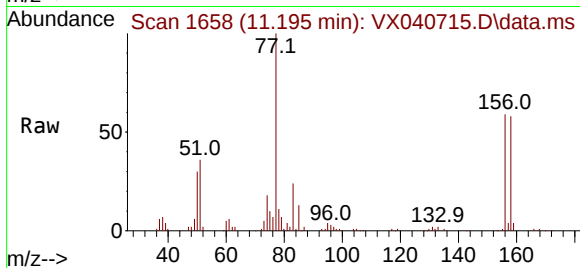
Tgt Ion:	156	Resp:	1845
Ion Ratio	Lower	Upper	
156	100		
77	173.0	0.0	363.2
158	97.5	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#74

n-propylbenzene

Concen: 16.671 ug/l

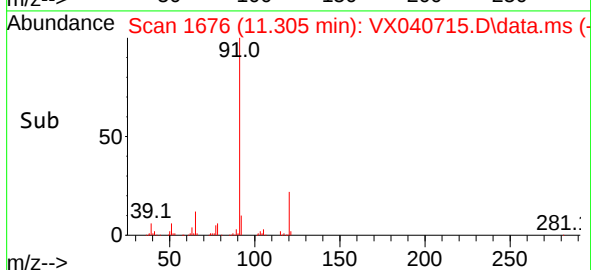
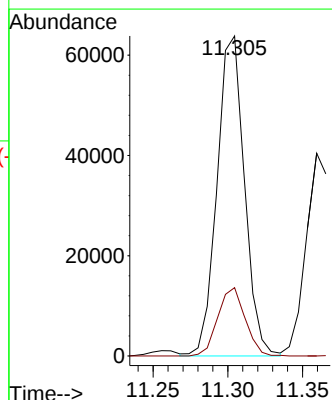
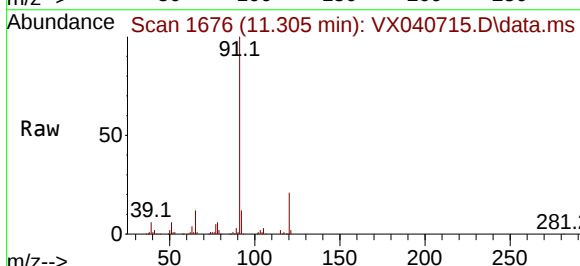
RT: 11.305 min Scan# 1676

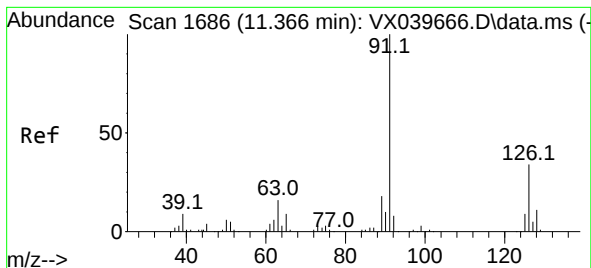
Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion:	91	Resp:	81615
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	43.4





#75

2-Chlorotoluene

Concen: 17.974 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 52218

Ion Ratio Lower Upper

91 100

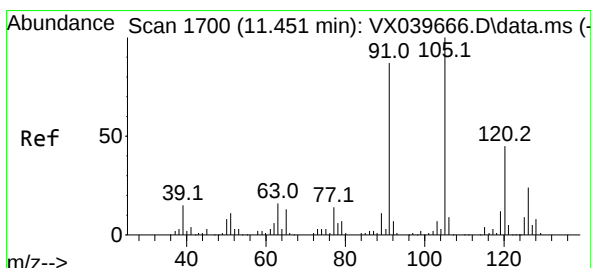
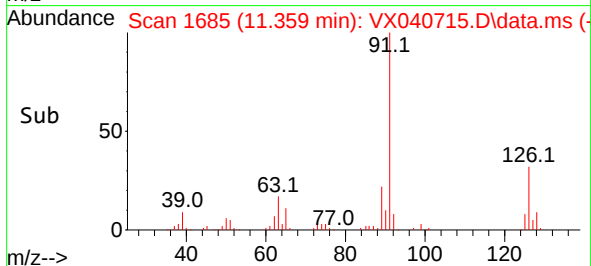
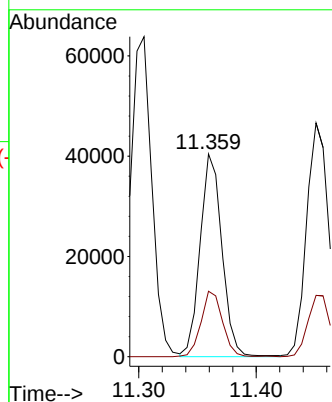
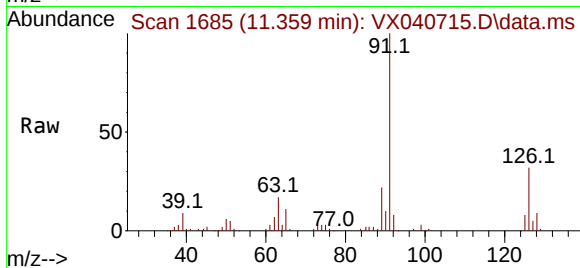
126 31.5 0.0 64.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#76

1,3,5-Trimethylbenzene

Concen: 17.283 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040715.D

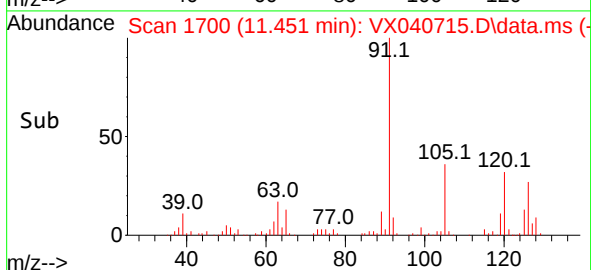
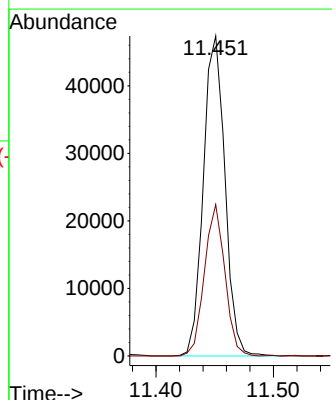
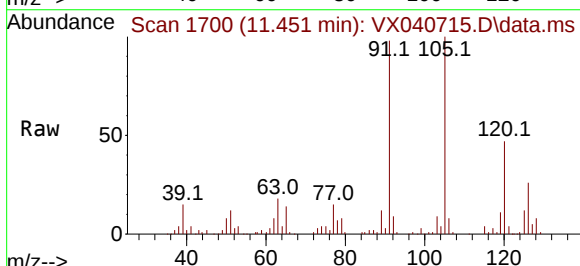
Acq: 19 Mar 2024 15:13

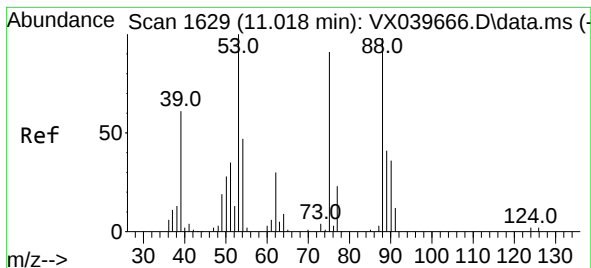
Tgt Ion:105 Resp: 60313

Ion Ratio Lower Upper

105 100

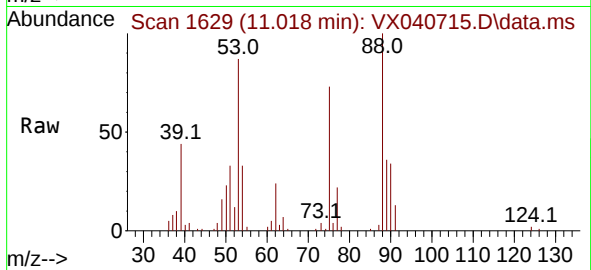
120 44.8 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 21.272 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

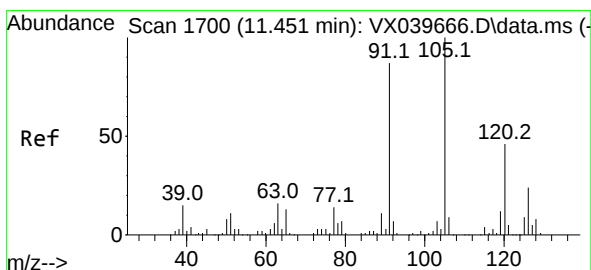
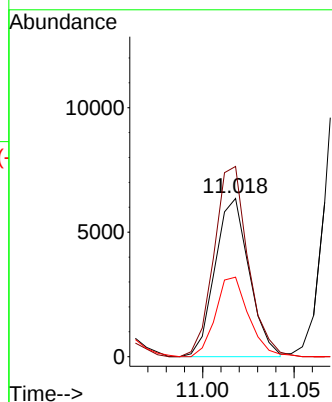
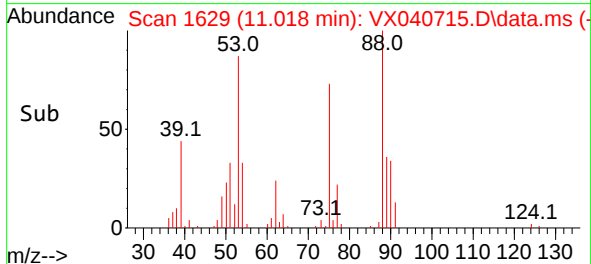
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



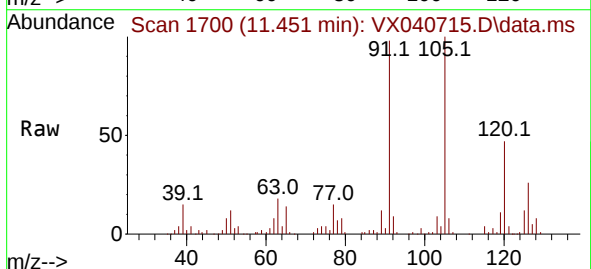
Tgt Ion: 75 Resp: 8260
Ion Ratio Lower Upper
75 100
53 120.2 46.9 140.8
89 50.2 21.3 63.7

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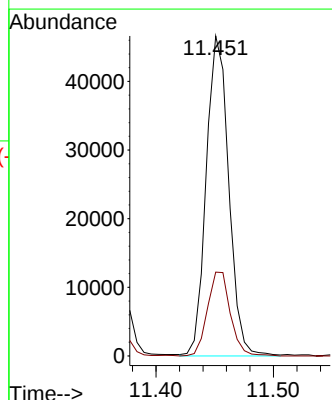
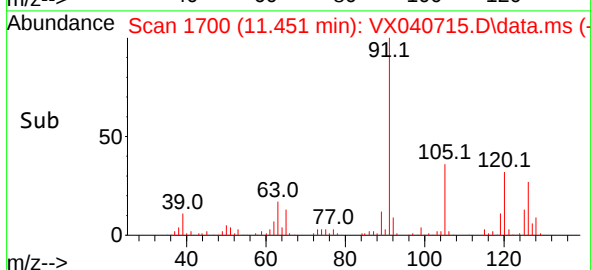
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

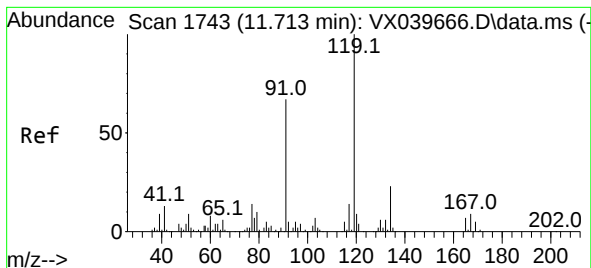


#78
4-Chlorotoluene
Concen: 17.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



Tgt Ion: 91 Resp: 62047
Ion Ratio Lower Upper
91 100
126 26.6 0.0 57.4





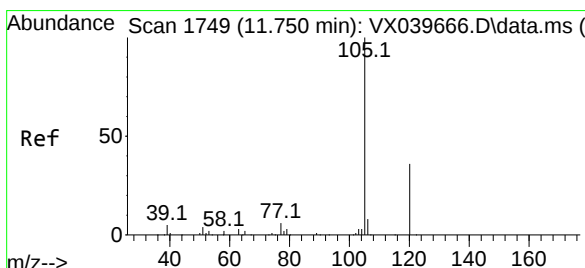
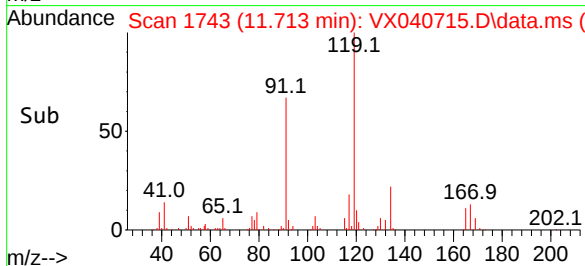
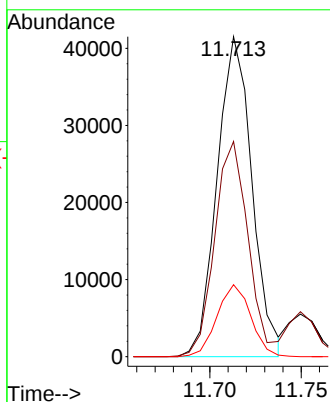
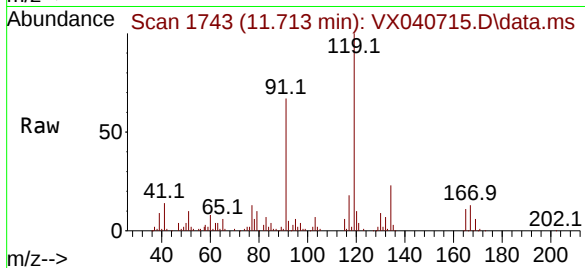
#79
tert-butylbenzene
Concen: 16.917 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 5510
Ion Ratio Lower Upper
119 100
91 63.7 0.0 125.6
134 21.8 0.0 43.8

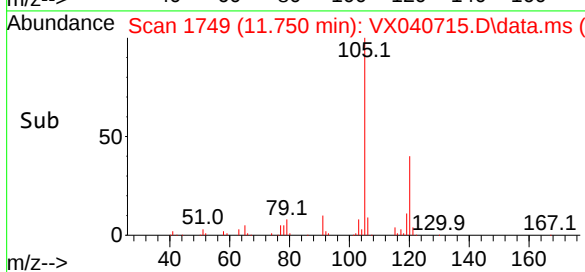
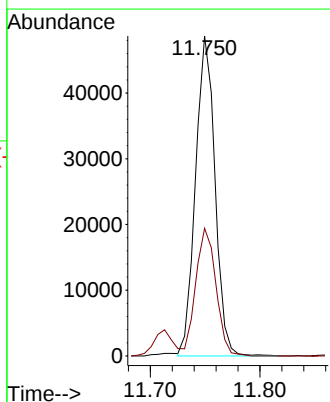
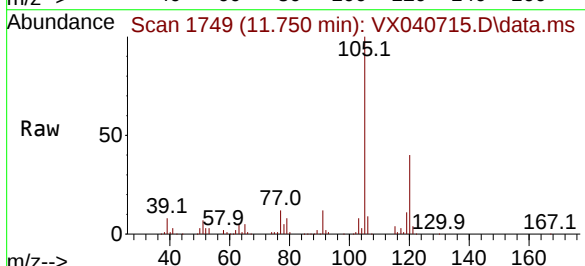
Manual Integrations
APPROVED

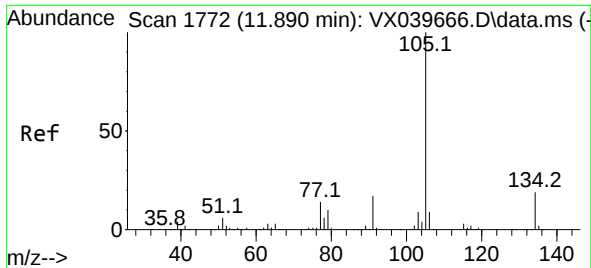
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#80
1,2,4-Trimethylbenzene
Concen: 17.500 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

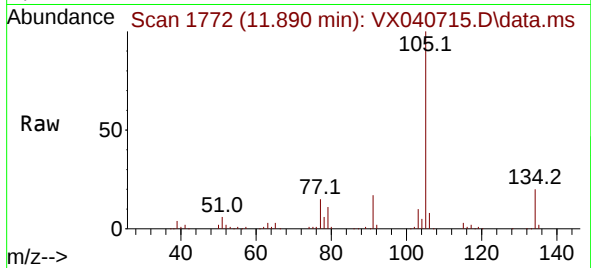
Tgt Ion:105 Resp: 60172
Ion Ratio Lower Upper
105 100
120 41.0 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 15.805 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040715.D
 Acq: 19 Mar 2024 15:13

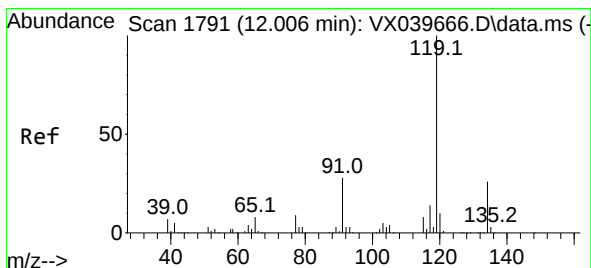
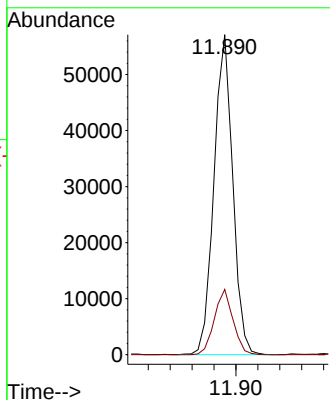
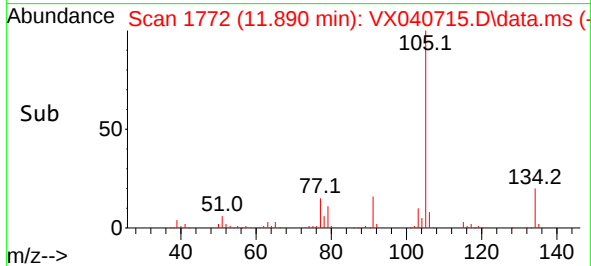
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



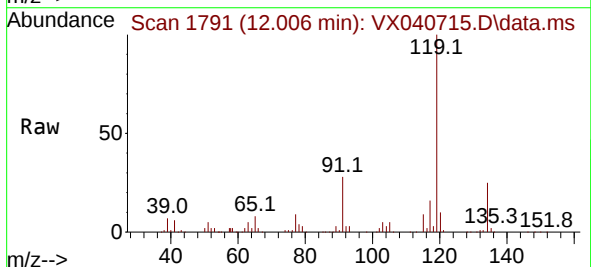
Tgt Ion:105 Resp: 6796
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.4

Manual Integrations
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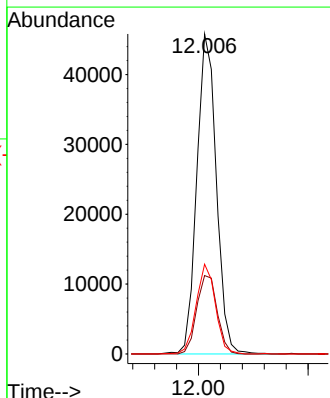
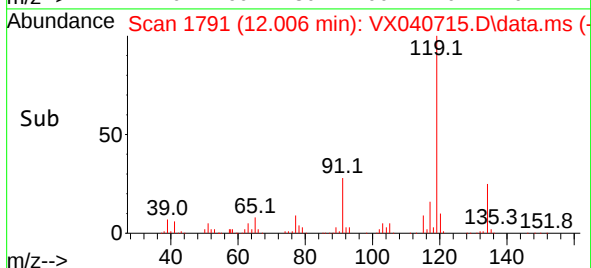
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024

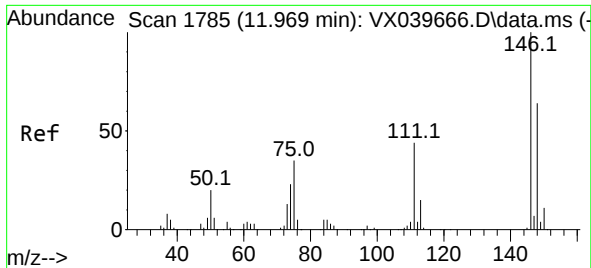


#82
 p-Isopropyltoluene
 Concen: 16.047 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040715.D
 Acq: 19 Mar 2024 15:13



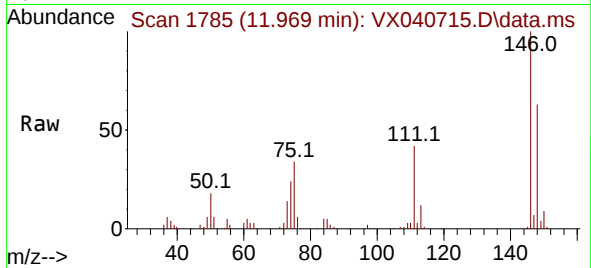
Tgt Ion:119 Resp: 56485
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 27.6 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 18.033 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

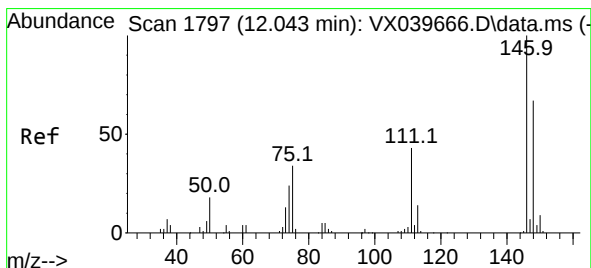
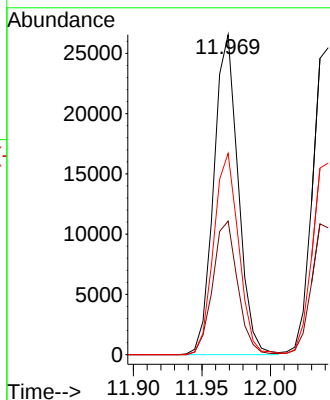
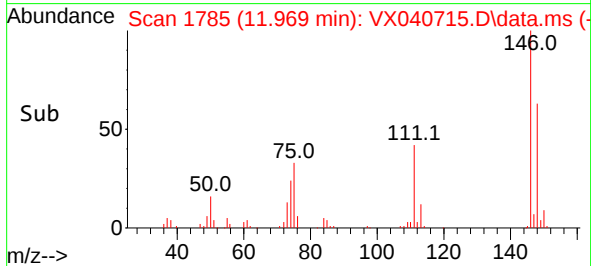
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



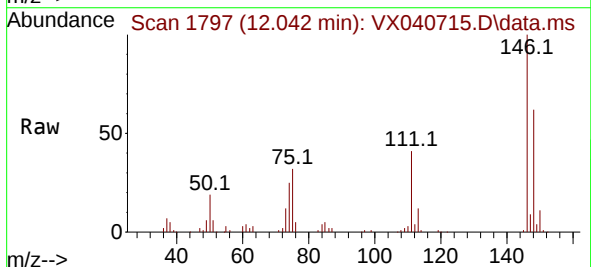
Tgt Ion:146 Resp: 32928
Ion Ratio Lower Upper
146 100
111 42.7 22.3 66.9
148 64.5 32.8 98.3

Manual Integrations
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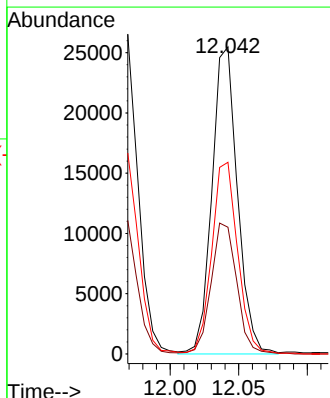
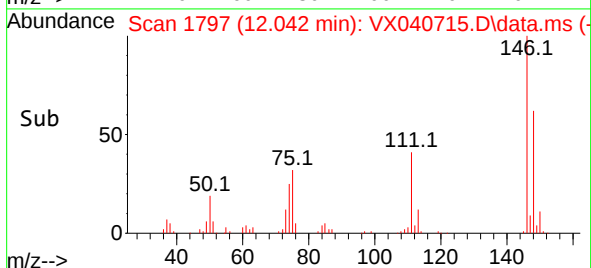
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

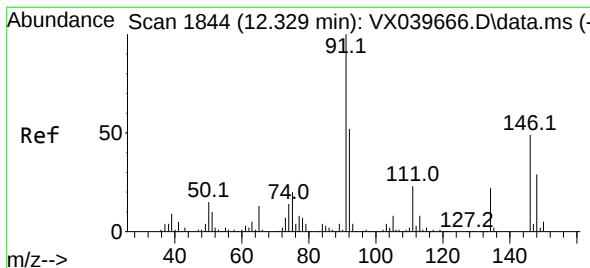


#84
1,4-Dichlorobenzene
Concen: 17.691 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



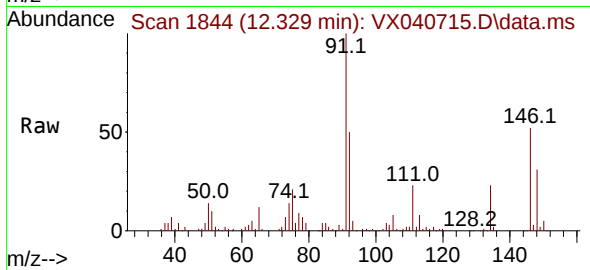
Tgt Ion:146 Resp: 33033
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 62.8 31.8 95.4





#85
n-Butylbenzene
Concen: 15.267 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

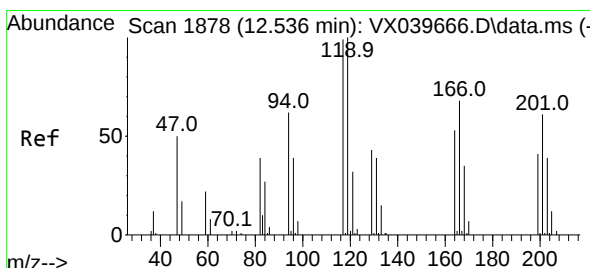
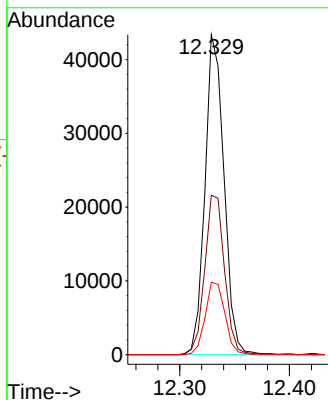
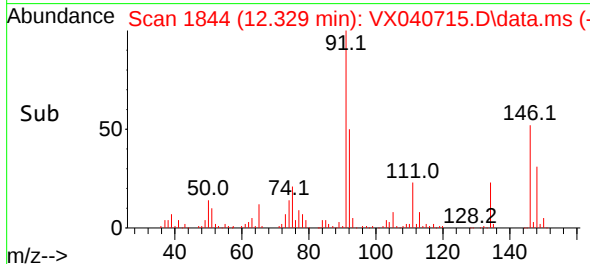
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 52294
Ion Ratio Lower Upper
91 100
92 52.1 0.0 106.2
134 23.5 0.0 48.8

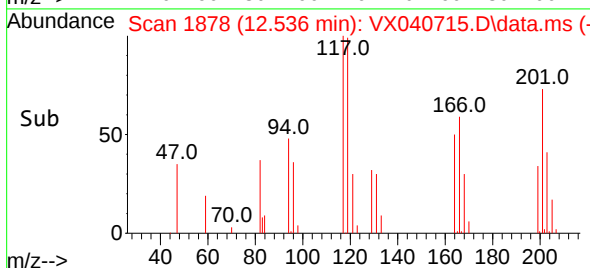
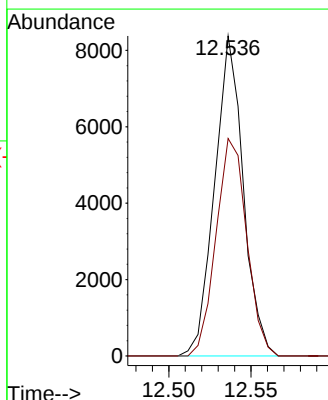
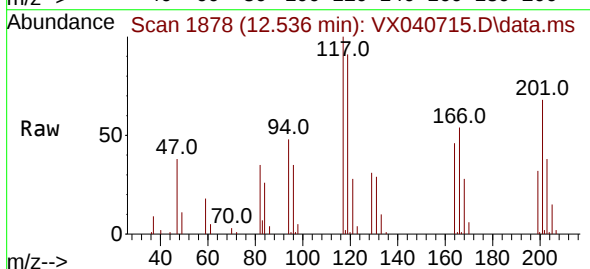
Manual Integrations
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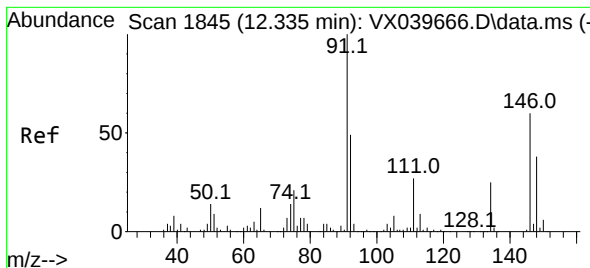
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#86
Hexachloroethane
Concen: 16.501 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:117 Resp: 10135
Ion Ratio Lower Upper
117 100
201 72.8 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 18.704 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 3318

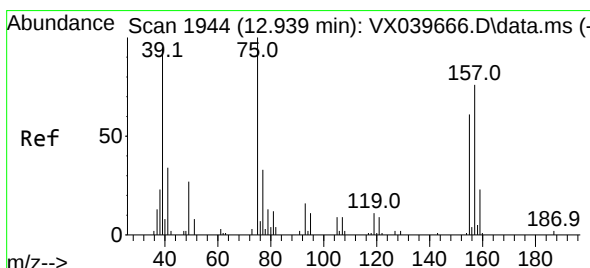
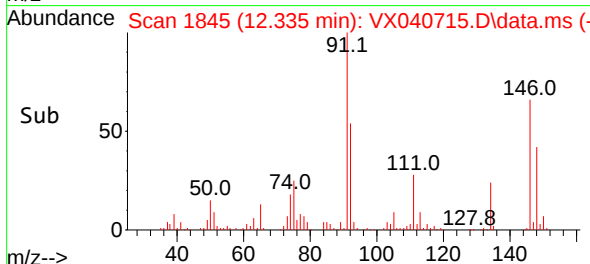
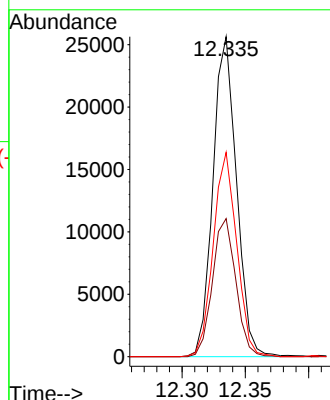
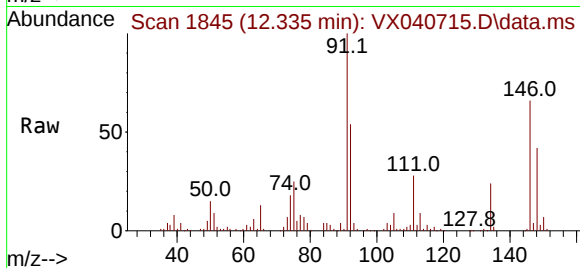
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.4	67.2
148	63.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 23.508 ug/l

RT: 12.938 min Scan# 1944

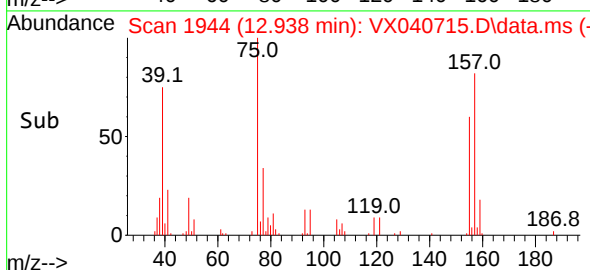
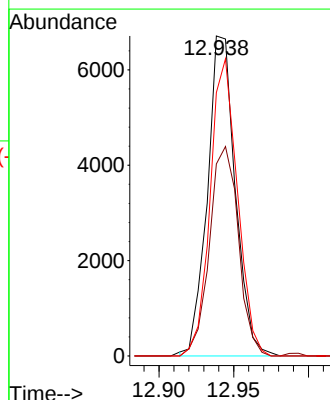
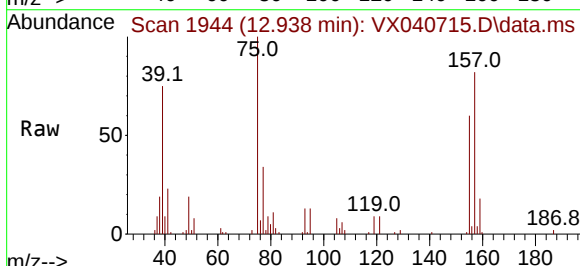
Delta R.T. -0.001 min

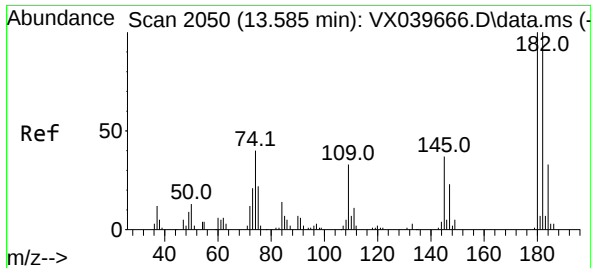
Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Tgt Ion: 75 Resp: 8735

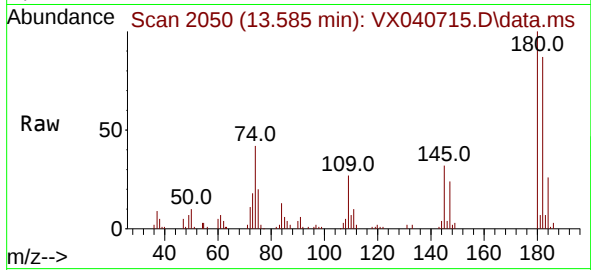
Ion	Ratio	Lower	Upper
75	100		
155	67.5	58.2	87.4
157	90.5	76.5	114.7





#89
1,2,4-Trichlorobenzene
Concen: 17.186 ug/l
RT: 13.585 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

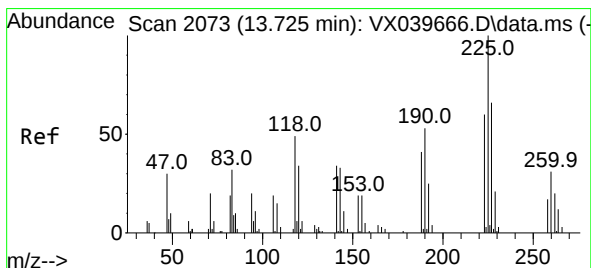
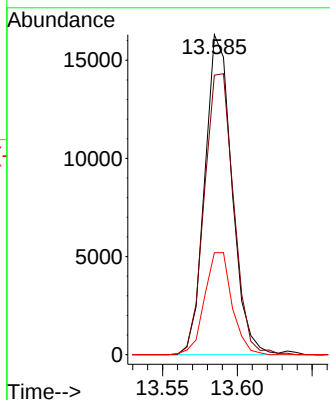
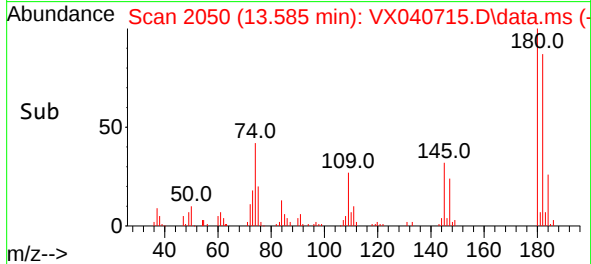
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



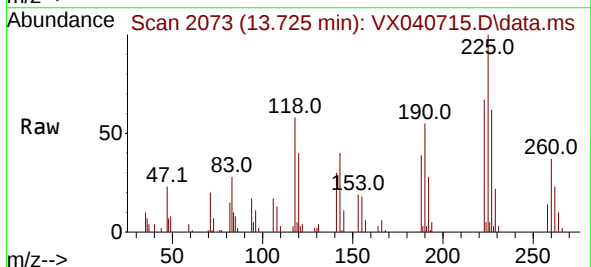
Tgt Ion:180 Resp: 2053
Ion Ratio Lower Upper
180 100
182 94.7 74.5 111.7
145 32.4 26.6 40.0

Manual Integrations
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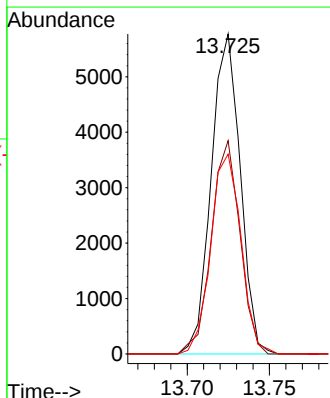
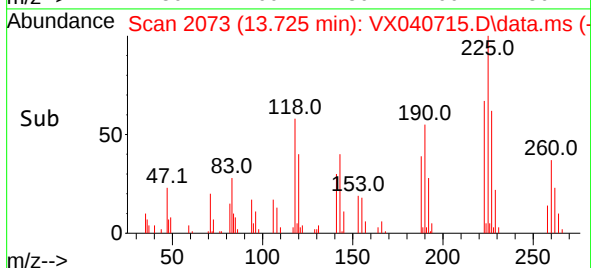
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

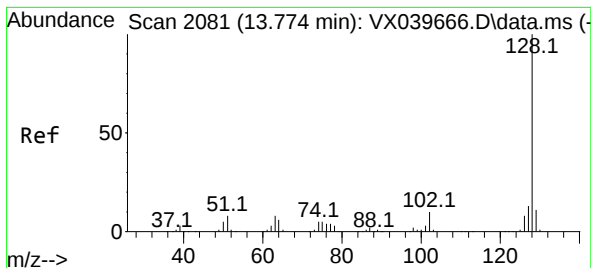


#90
Hexachlorobutadiene
Concen: 14.679 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



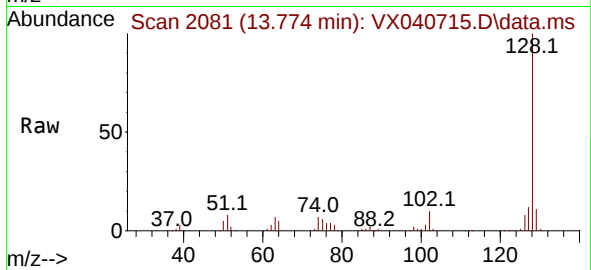
Tgt Ion:225 Resp: 7091
Ion Ratio Lower Upper
225 100
223 65.6 0.0 124.4
227 65.1 0.0 124.4





#91
Naphthalene
Concen: 19.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

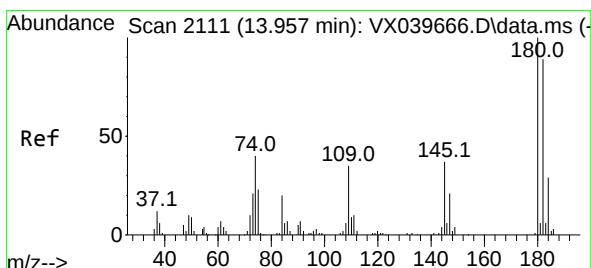
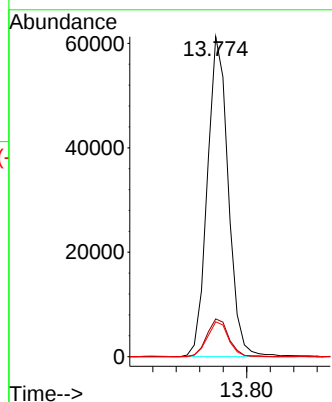
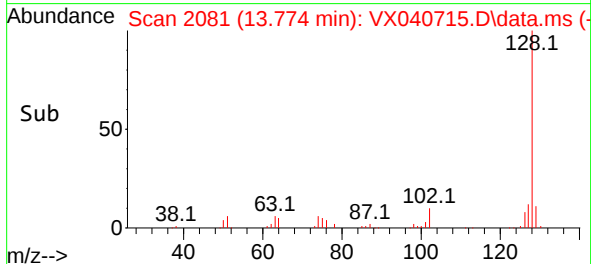
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



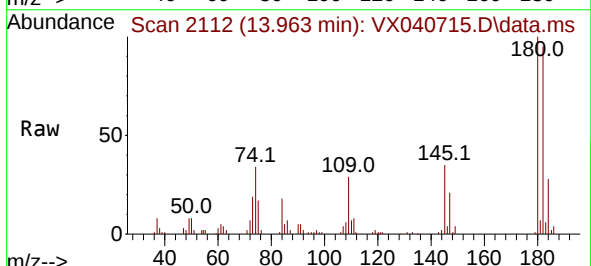
Tgt Ion:128 Resp: 75809
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.593 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13



Tgt Ion:180 Resp: 20725
Ion Ratio Lower Upper
180 100
182 97.0 0.0 191.6
145 35.7 0.0 69.6

