

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030624\
 Data File : VX040598.D
 Acq On : 06 Mar 2024 11:54
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 04:35:00 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	13767	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	71752	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	68293	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	40915	29.757	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.200%	
60) 4-Bromofluorobenzene	11.079	95	32490	27.735	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	92.467%	
63) Toluene-d8	8.647	98	90662	30.040	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.133%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16583	17.760	ug/l	100
3) Chloromethane	1.295	50	17232	18.012	ug/l	94
4) Vinyl Chloride	1.374	62	18343	17.741	ug/l	94
5) Bromomethane	1.605	94	13312	21.081	ug/l	96
6) Chloroethane	1.685	64	11308	18.615	ug/l	99
7) Trichlorofluoromethane	1.886	101	27444	17.433	ug/l	95
8) Diethyl Ether	2.130	74	10153	18.995	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	16154	18.734	ug/l	97
10) 1,1-Dichloroethene	2.319	96	14568	17.745	ug/l	98
11) Methyl Iodide	2.447	142	16875	16.995	ug/l	92
12) Methyl Acetate	2.703	43	28274	20.908	ug/l	99
13) Acrolein	2.233	56	23926	93.847	ug/l	99
14) Acrylonitrile	3.062	53	55121	103.512	ug/l	96
15) Acetone	2.374	58	15078	99.058	ug/l	83
16) Carbon Disulfide	2.508	76	38177	16.920	ug/l	98
17) Allyl chloride	2.660	41	28078	18.533	ug/l	89
18) Methylene Chloride	2.788	84	18371	19.600	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	16487	18.395	ug/l	90
20) Diisopropyl ether	3.757	45	58375	19.266	ug/l	98
21) 1,1-Dichloroethane	3.605	63	31793	18.235	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	19521	18.755	ug/l	95
23) tert-Butyl Alcohol	2.953	59	26072	103.625	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	59881	19.764	ug/l	96
25) Chloroform	5.087	83	35847	18.785	ug/l	98
26) Cyclohexane	5.458	56	24720	17.568	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	24623	19.826	ug/l	97
30) 2-Butanone	4.550	43	84561	111.576	ug/l	99
31) 2,2-Dichloropropane	4.471	77	24528	18.298	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	30740	19.643	ug/l	97
33) Carbon Tetrachloride	5.672	117	24801	18.836	ug/l	95
34) Benzene	6.031	78	67743	20.205	ug/l	96
35) Methacrylonitrile	4.910	41	17603	22.625	ug/l	97
36) 1,2-Dichloroethane	6.086	62	33619	21.687	ug/l #	95
37) Trichloroethene	7.123	130	17956	19.929	ug/l	96
38) Methylcyclohexane	7.373	83	26328	19.687	ug/l	97
39) 1,2-Dichloropropane	7.428	63	18324	21.465	ug/l	98
40) Dibromomethane	7.580	93	14632	21.818	ug/l	93
41) Bromodichloromethane	7.818	83	28014	20.998	ug/l	99
42) Vinyl Acetate	3.715	43	276855	106.100	ug/l	100

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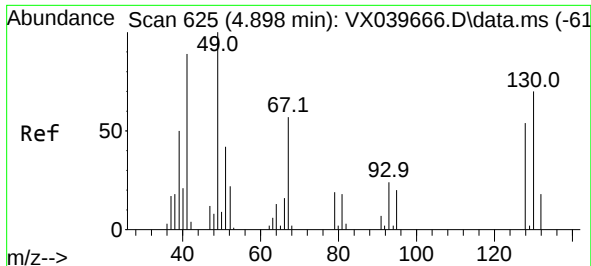
Manual Integrations
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 Supervised By : Mahesh Dadoda 03/07/2024

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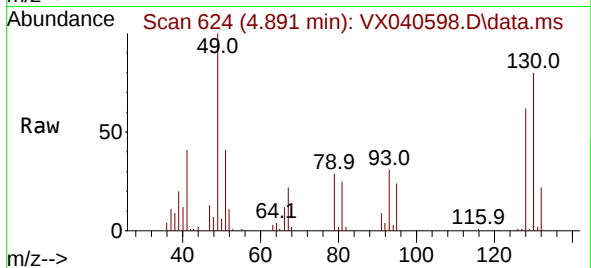
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	32633	22.863	ug/l	100
44) Isopropyl Acetate	6.336	43	48238	21.172	ug/l	95
45) 1,4-Dioxane	7.653	88	11412	487.277	ug/l	95
46) Methyl methacrylate	7.690	41	25343	22.395	ug/l	95
47) n-amyl Acetate	10.842	43	36571	18.624	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	28372	20.120	ug/l	94
49) cis-1,3-Dichloropropene	8.360	75	30009	20.890	ug/l	92
50) 1,1,2-Trichloroethane	9.147	97	19559	21.957	ug/l	93
51) Ethyl methacrylate	9.116	69	29713	21.187	ug/l	95
52) 1,3-Dichloropropane	9.305	76	32657	21.484	ug/l	100
53) Dibromochloromethane	9.519	129	21056	20.735	ug/l	98
54) 1,2-Dibromoethane	9.604	107	20905	21.209	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	76460	107.058	ug/l	99
56) Bromoform	10.799	173	13822	19.190	ug/l #	97
58) 4-Methyl-2-Pentanone	8.568	43	168512	110.811	ug/l	99
59) 2-Hexanone	9.427	43	134870	109.799	ug/l	96
61) Tetrachloroethene	9.269	164	16957	20.920	ug/l	94
62) Toluene	8.714	91	74607	19.835	ug/l	100
64) Chlorobenzene	10.079	112	46477	20.217	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	17160	19.570	ug/l	98
66) Ethyl Benzene	10.189	91	84889	19.574	ug/l	98
67) m/p-Xylenes	10.299	106	63285	39.517	ug/l	97
68) o-Xylene	10.640	106	30525	19.800	ug/l	96
69) Styrene	10.653	104	51427	19.854	ug/l	98
70) Isopropylbenzene	10.964	105	76299	18.316	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	29291	20.057	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	25944m	19.744	ug/l	
73) Bromobenzene	11.195	156	18569	18.829	ug/l	95
74) n-propylbenzene	11.305	91	93250	18.125	ug/l	100
75) 2-Chlorotoluene	11.366	91	54607	17.885	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	67302	18.351	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	7389	18.094	ug/l	67
78) 4-Chlorotoluene	11.451	91	67083	18.418	ug/l	99
79) tert-butylbenzene	11.713	119	66197	19.339	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	72070	19.945	ug/l	95
81) sec-Butylbenzene	11.890	105	87404	19.340	ug/l	99
82) p-Isopropyltoluene	12.006	119	69816	18.873	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	39106	20.379	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	39624	20.192	ug/l	98
85) n-Butylbenzene	12.329	91	67789	18.833	ug/l	98
86) Hexachloroethane	12.536	117	12168	18.851	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	37240	19.971	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8752	22.413	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	24579	19.576	ug/l	96
90) Hexachlorobutadiene	13.725	225	9336	18.390	ug/l	97
91) Naphthalene	13.774	128	83037	20.276	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	24090	19.459	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: VX040598.D
Acq: 06 Mar 2024 11:54

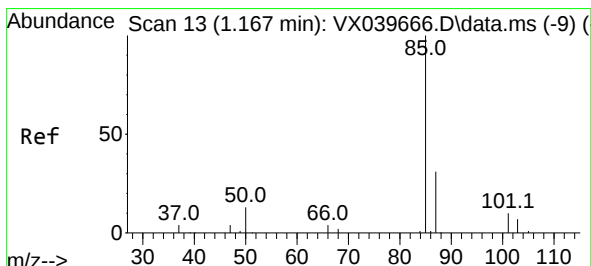
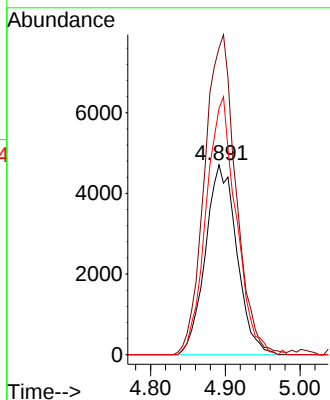
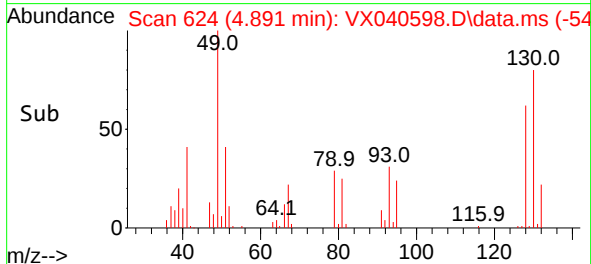
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 1376
Ion Ratio Lower Upper
128 100
49 168.4 0.0 444.0
130 130.0 0.0 297.8

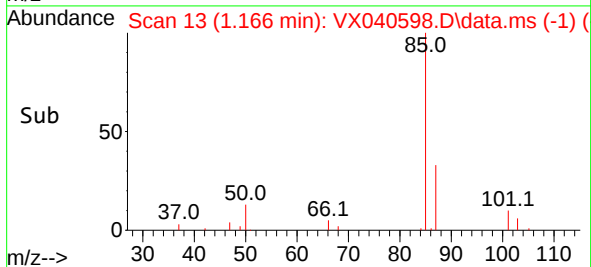
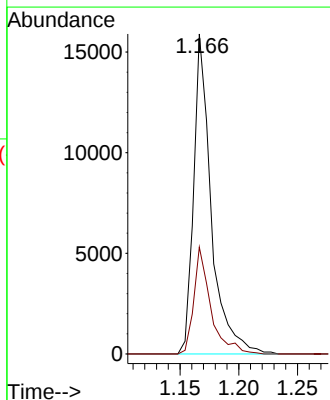
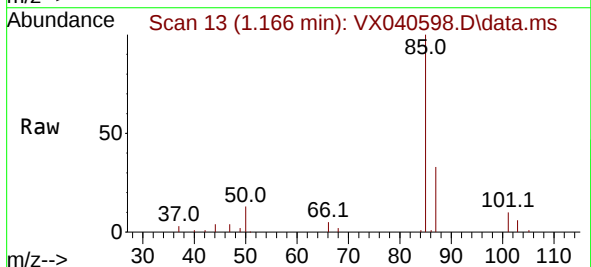
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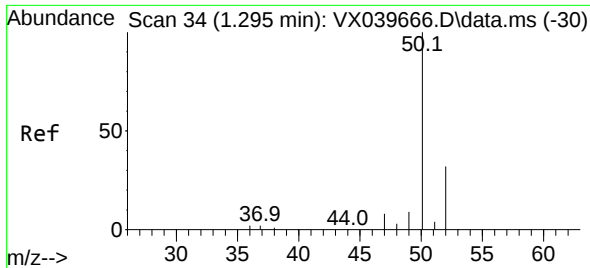
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 17.760 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

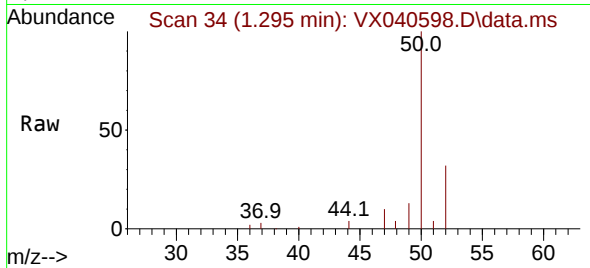
Tgt Ion: 85 Resp: 16583
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3
Chloromethane
Concen: 18.012 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

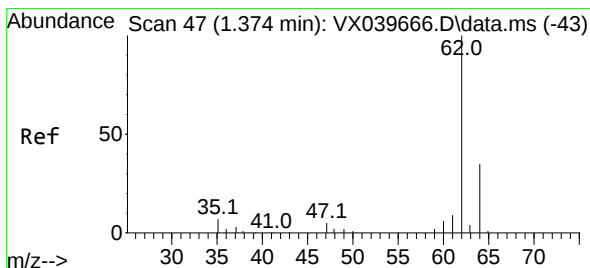
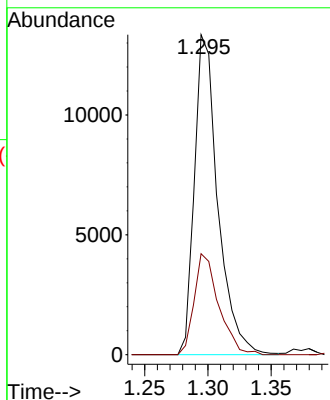
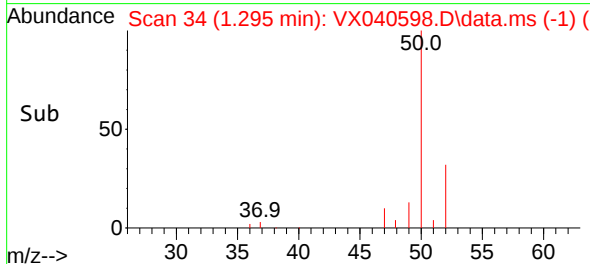
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 1723
Ion Ratio Lower Upper
50 100
52 31.5 27.8 41.8

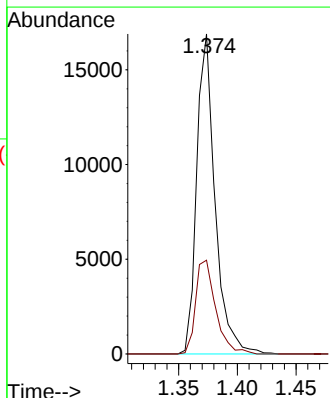
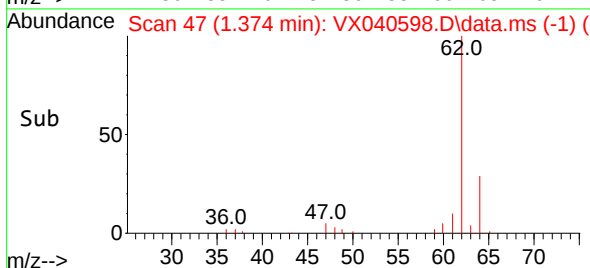
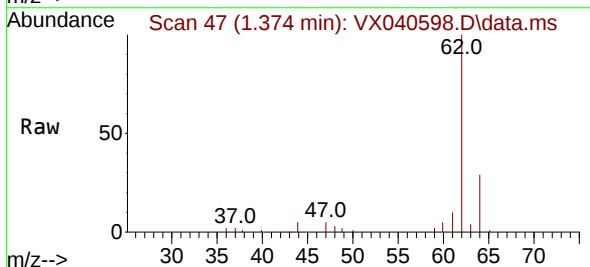
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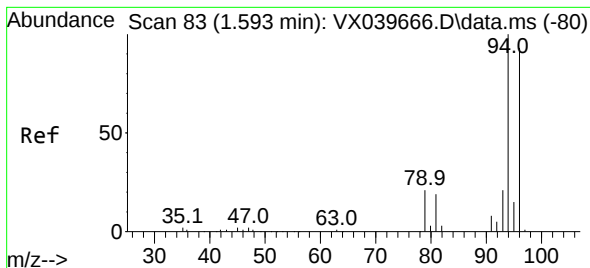
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#4
Vinyl Chloride
Concen: 17.741 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 62 Resp: 18343
Ion Ratio Lower Upper
62 100
64 29.3 26.3 39.5





#5

Bromomethane

Concen: 21.081 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 94 Resp: 1331

Ion Ratio Lower Upper

94 100

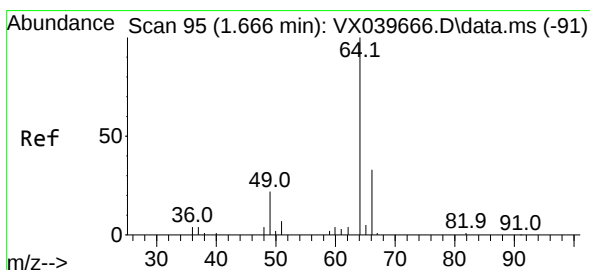
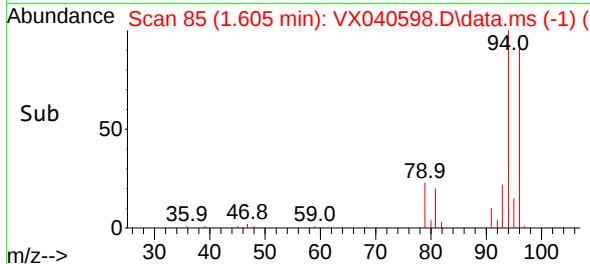
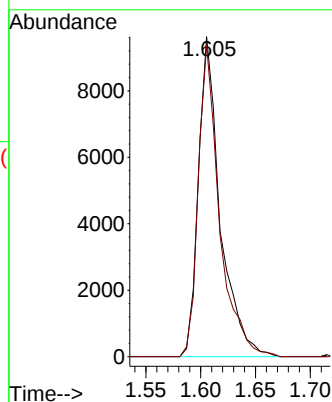
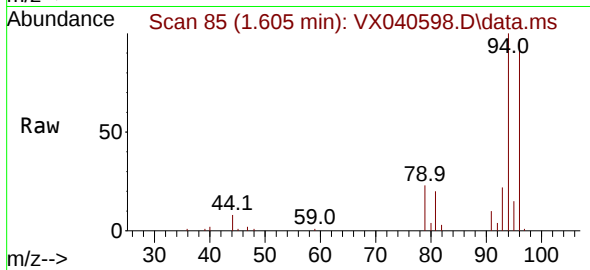
96 97.4 74.9 112.3

Manual Integrations

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Supervised By :Mahesh Dadoda 03/07/2024



#6

Chloroethane

Concen: 18.615 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.019 min

Lab File: VX040598.D

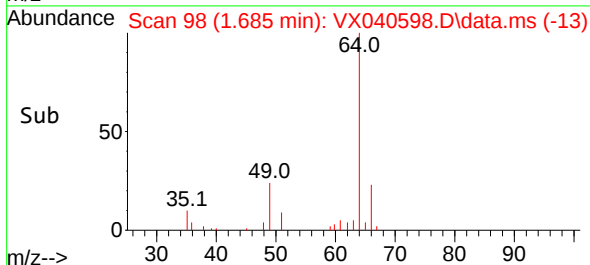
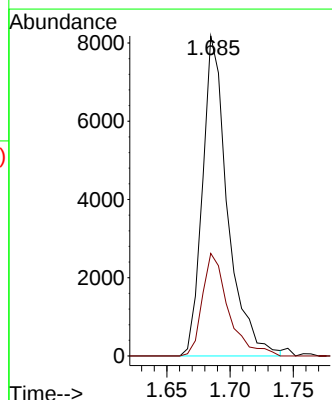
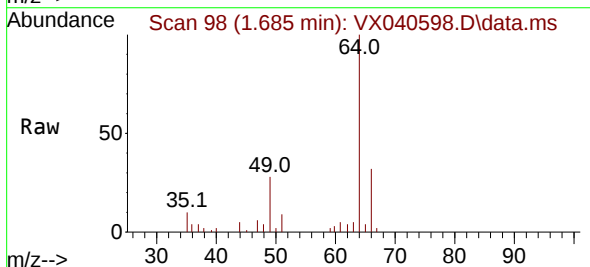
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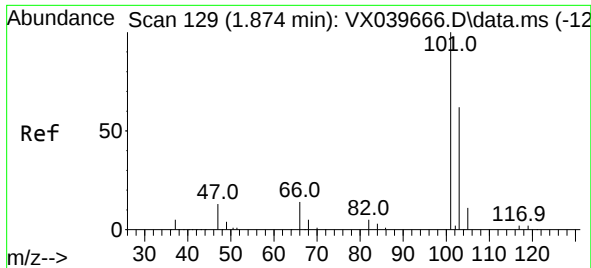
Tgt Ion: 64 Resp: 11308

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.6





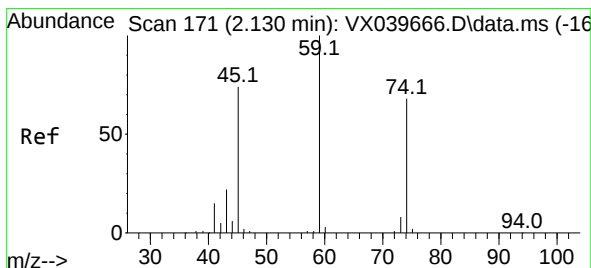
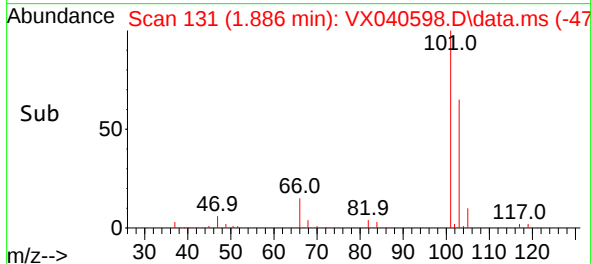
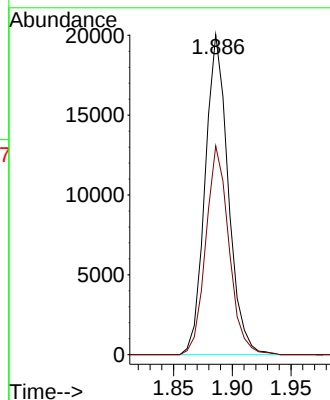
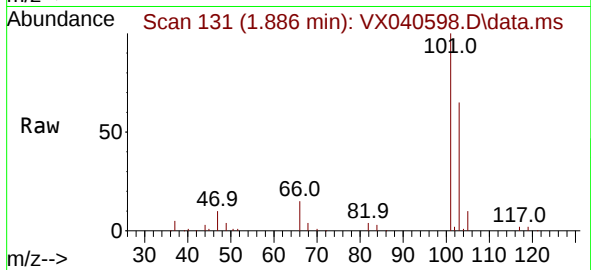
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Trichlorofluoromethane
Concen: 17.433 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2744
Ion Ratio Lower Upper
101 100
103 65.3 49.1 73.7

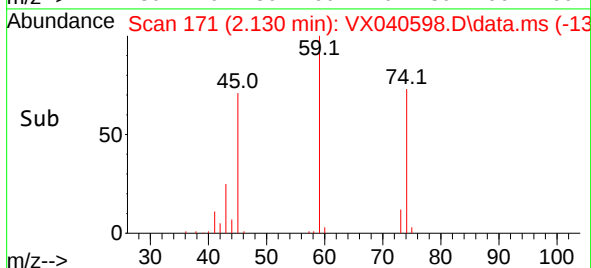
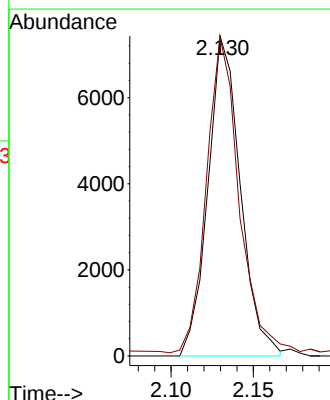
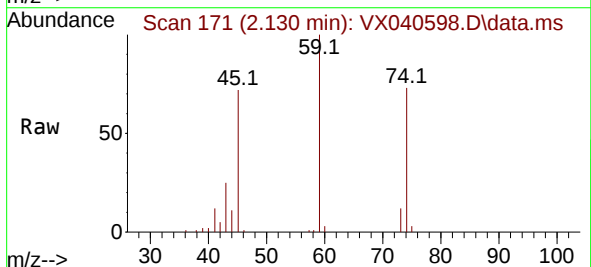
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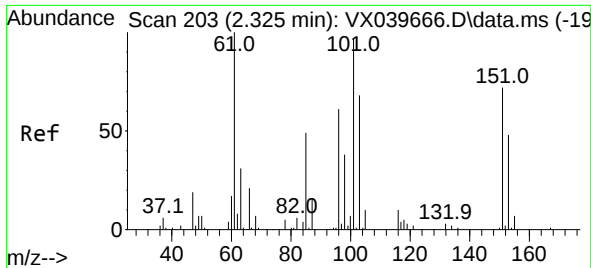
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#8
Diethyl Ether
Concen: 18.995 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 74 Resp: 10153
Ion Ratio Lower Upper
74 100
45 102.1 20.5 184.5





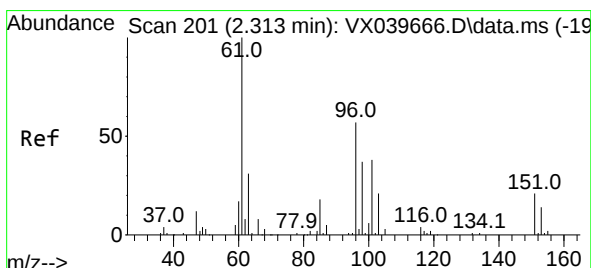
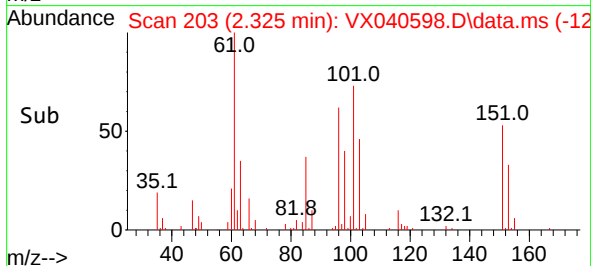
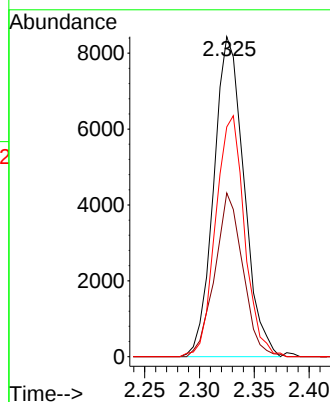
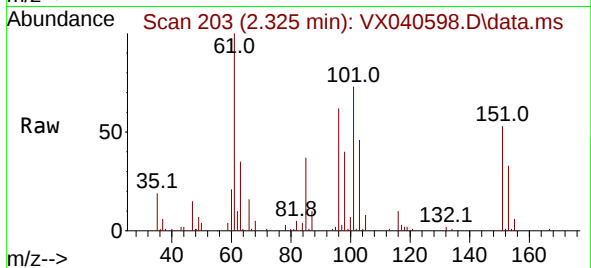
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1,1,2-Trichlorotrifluoroethane
Concen: 18.734 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 16154
Ion Ratio Lower Upper
101 100
85 47.4 0.0 95.2
151 72.1 0.0 136.8

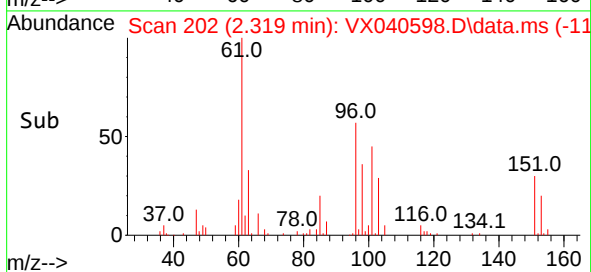
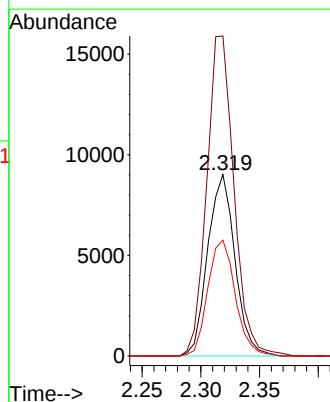
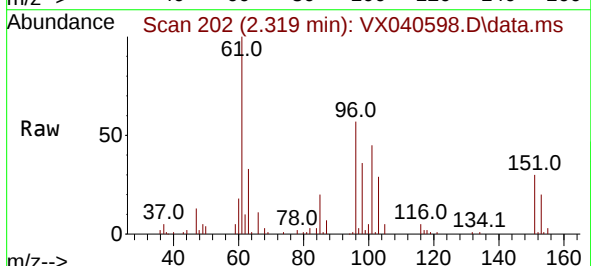
Manual Integrations
APPROVED

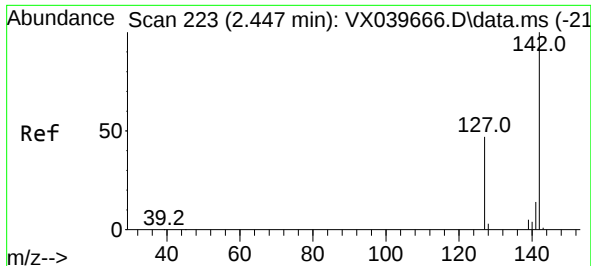
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
1,1-Dichloroethene
Concen: 17.745 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

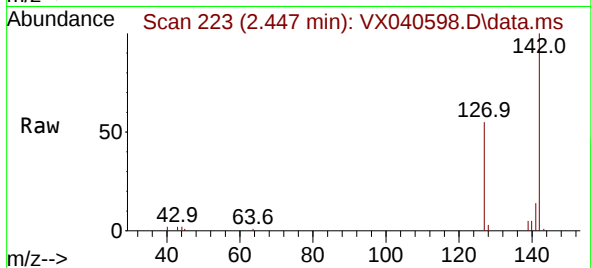
Tgt Ion: 96 Resp: 14568
Ion Ratio Lower Upper
96 100
61 176.3 138.3 207.5
98 63.8 49.8 74.6





#11
Methyl Iodide
Concen: 16.995 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

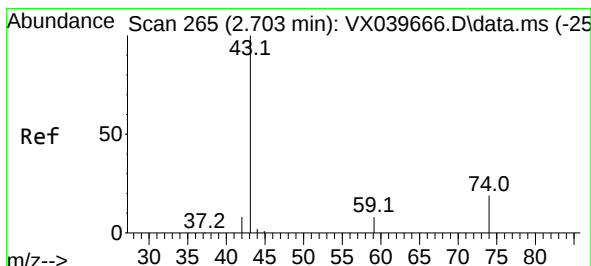
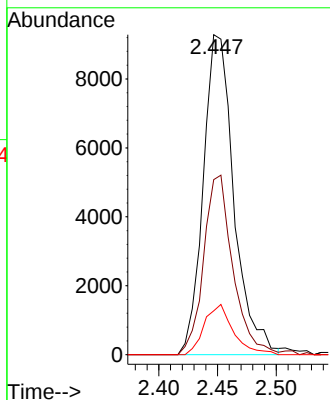
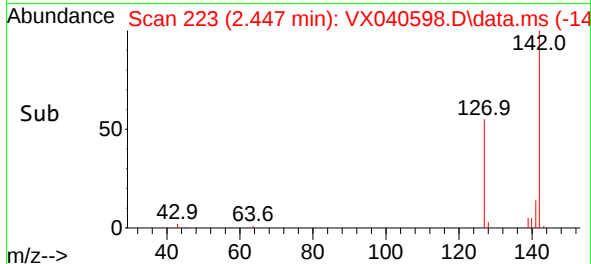
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



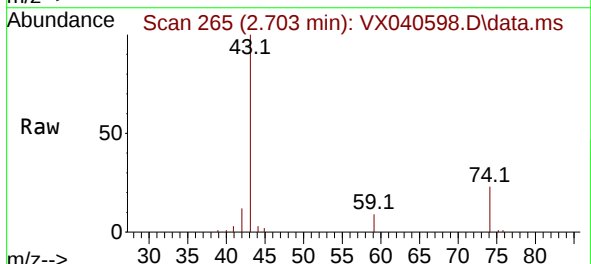
Tgt Ion:142 Resp: 16875
Ion Ratio Lower Upper
142 100
127 54.9 23.8 71.4
141 13.8 6.9 20.6

Manual Integrations
APPROVED

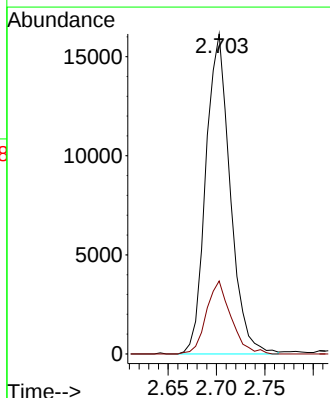
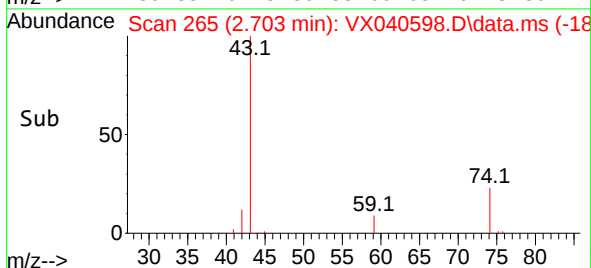
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

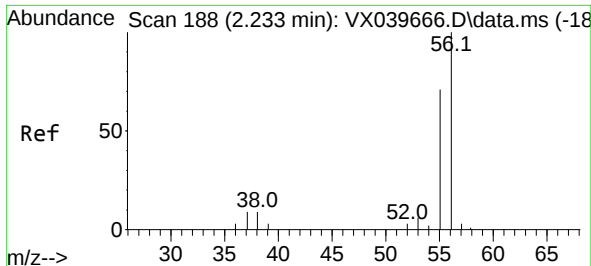


#12
Methyl Acetate
Concen: 20.908 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54



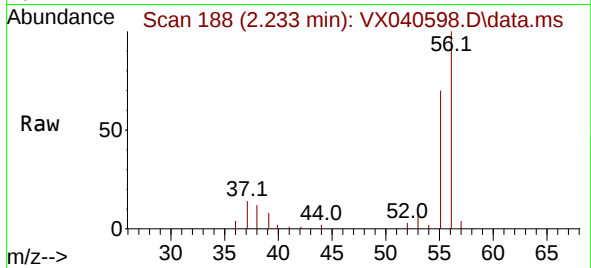
Tgt Ion: 43 Resp: 28274
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.6





#13
Acrolein
Concen: 93.847 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

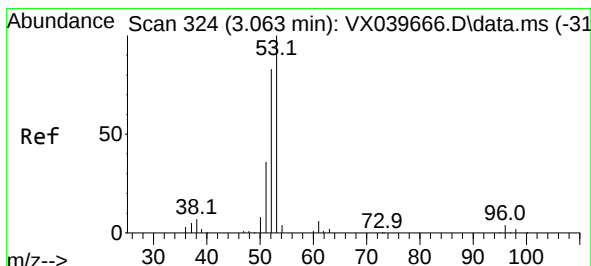
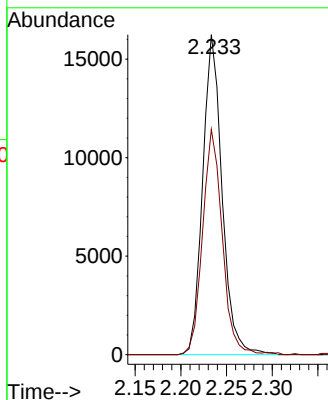
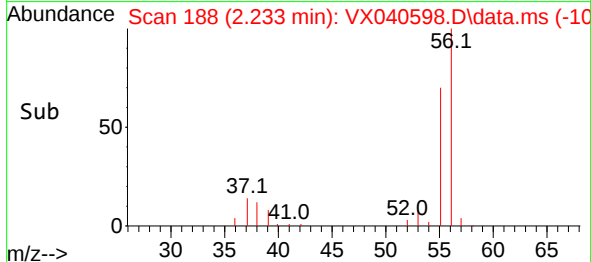
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



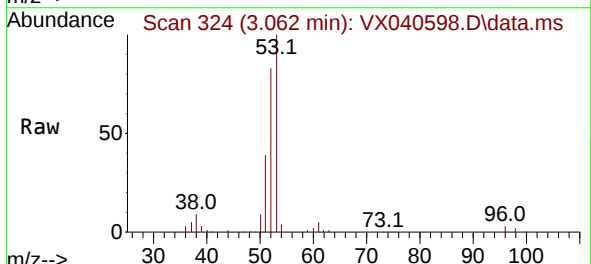
Tgt Ion: 56 Resp: 23920
Ion Ratio Lower Upper
56 100
55 70.9 57.2 85.8

Manual Integrations
APPROVED

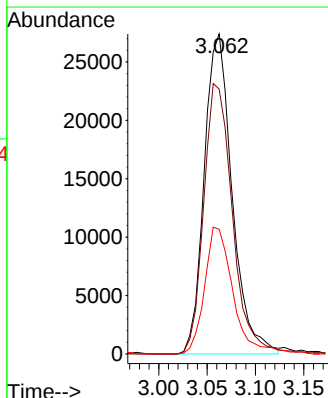
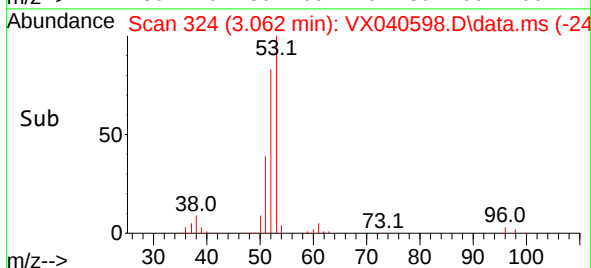
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

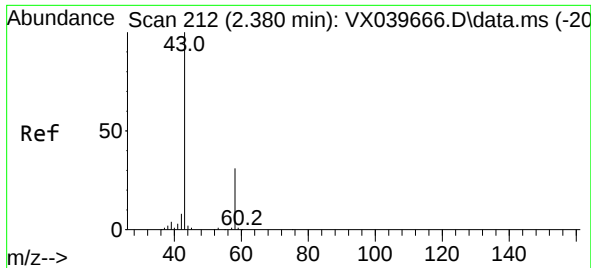


#14
Acrylonitrile
Concen: 103.512 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54



Tgt Ion: 53 Resp: 55121
Ion Ratio Lower Upper
53 100
52 87.1 41.9 125.6
51 40.1 18.3 54.9





#15

Acetone

Concen: 99.058 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 15078

Ion Ratio Lower Upper

58 100

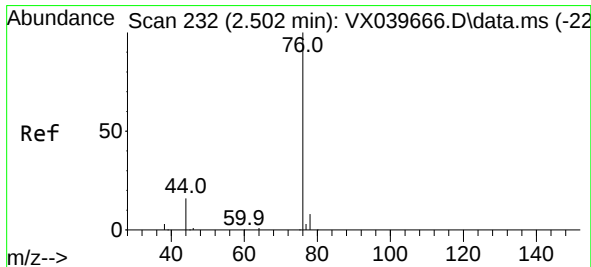
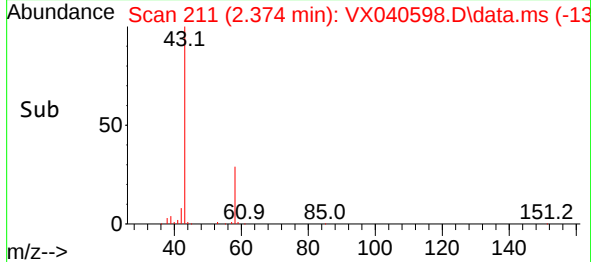
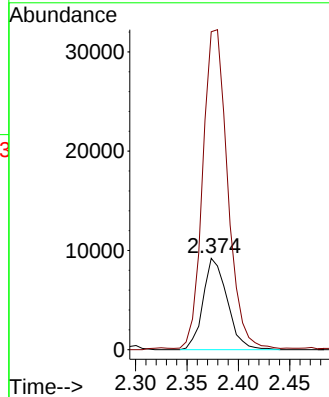
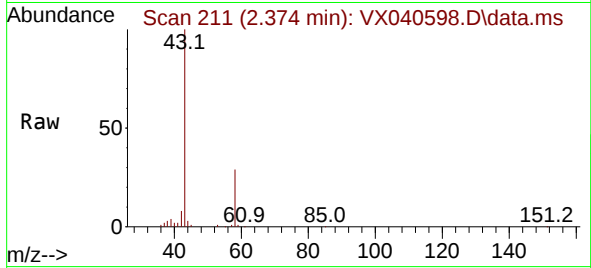
43 346.5 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#16

Carbon Disulfide

Concen: 16.920 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX040598.D

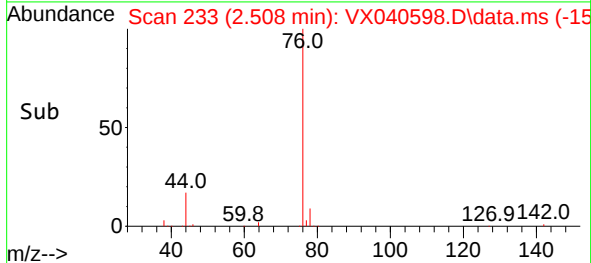
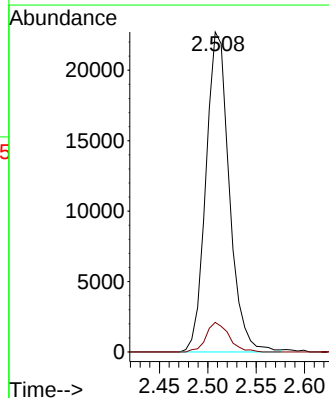
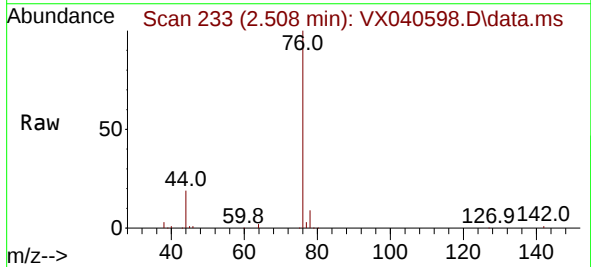
Acq: 06 Mar 2024 11:54

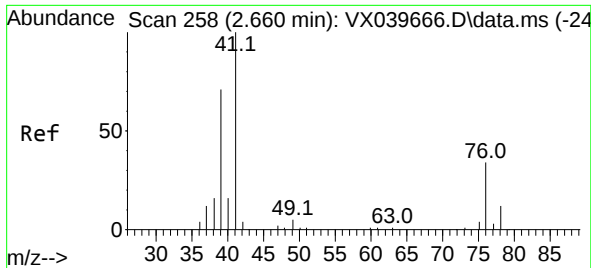
Tgt Ion: 76 Resp: 38177

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0





#17
 Allyl chloride
 Concen: 18.533 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX040598.D
 Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

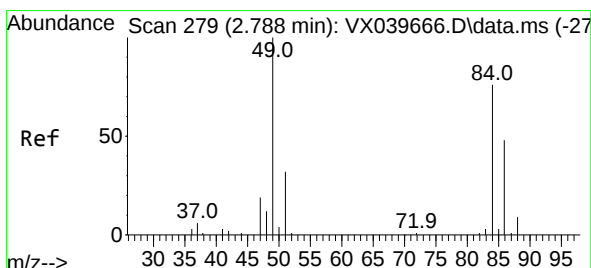
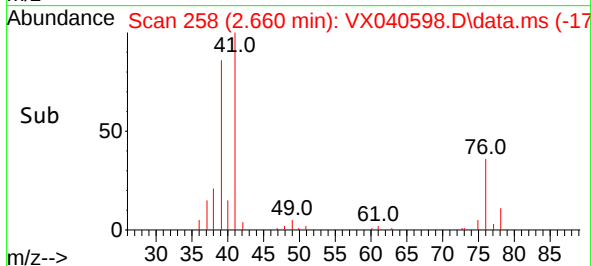
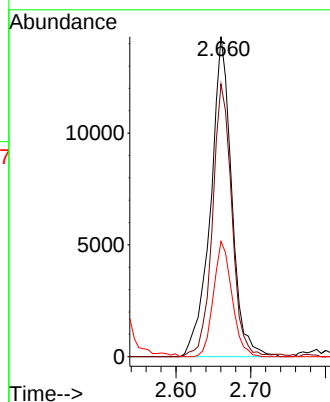
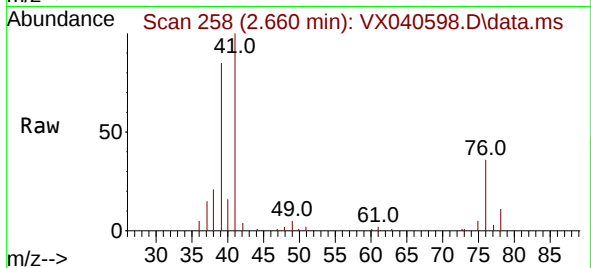
Tgt Ion: 41 Resp: 28078
 Ion Ratio Lower Upper
 41 100
 39 85.2 36.5 109.5
 76 36.0 19.7 59.0

Manual Integrations

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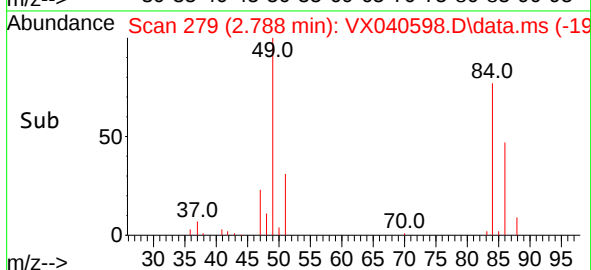
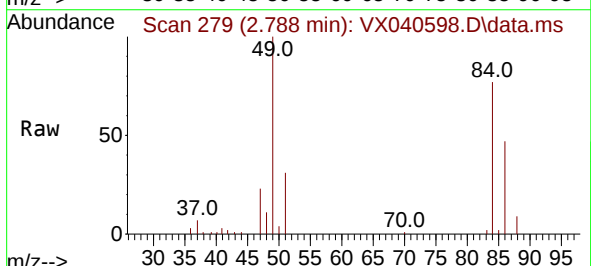
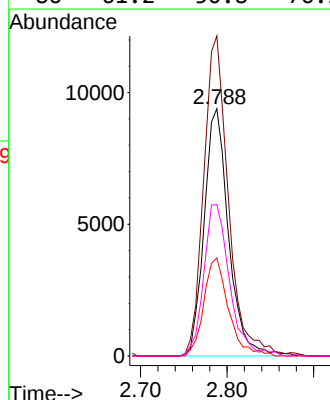
Reviewed By :John Carlone 03/07/2024

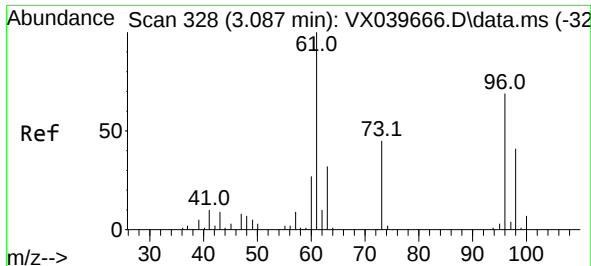
Supervised By :Mahesh Dadoda 03/07/2024



#18
 Methylene Chloride
 Concen: 19.600 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040598.D
 Acq: 06 Mar 2024 11:54

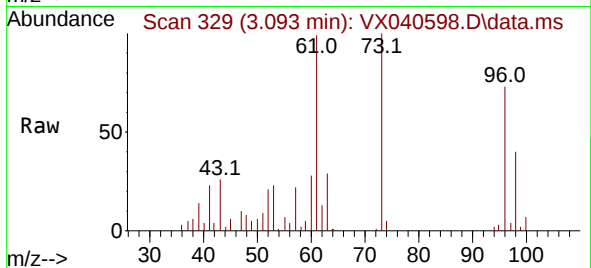
Tgt Ion: 84 Resp: 18371
 Ion Ratio Lower Upper
 84 100
 49 129.5 103.8 155.8
 51 39.7 31.8 47.6
 86 61.2 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 18.395 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

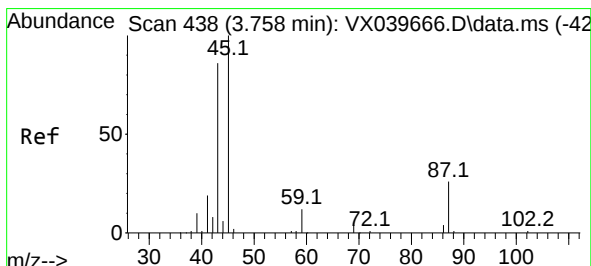
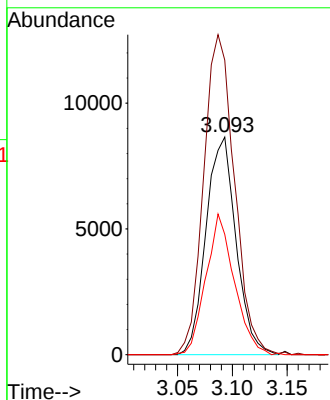
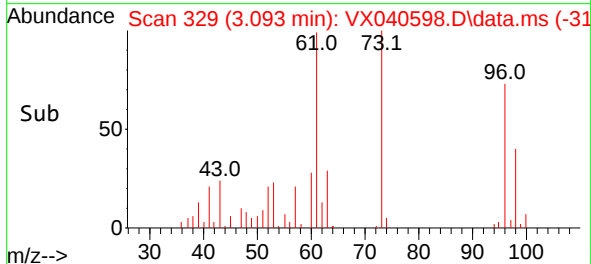
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 1648
Ion Ratio Lower Upper
96 100
61 134.8 117.9 176.9
98 54.7 51.0 76.6

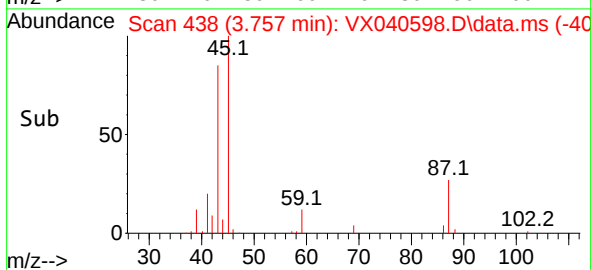
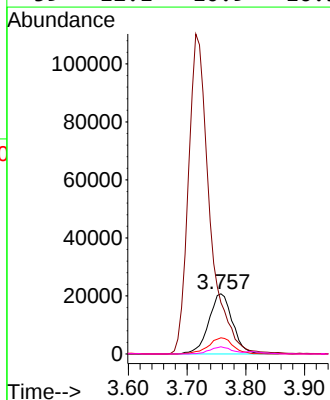
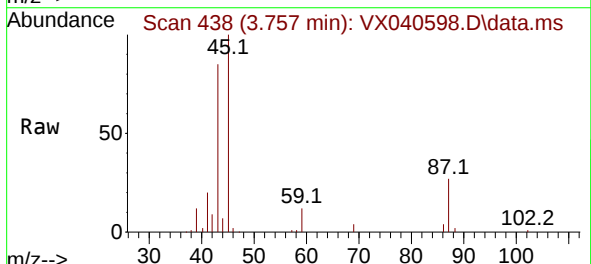
Manual Integrations
APPROVED

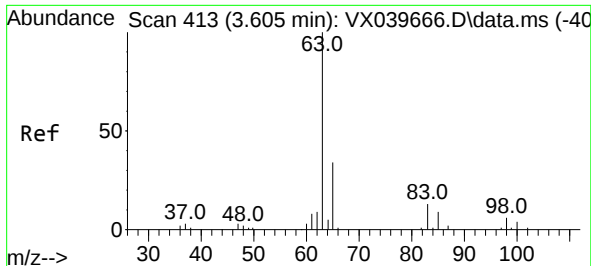
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Diisopropyl ether
Concen: 19.266 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 45 Resp: 58375
Ion Ratio Lower Upper
45 100
43 83.1 67.7 101.5
87 26.7 21.5 32.3
59 12.1 10.9 16.3





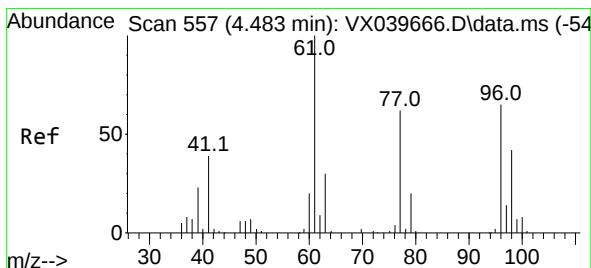
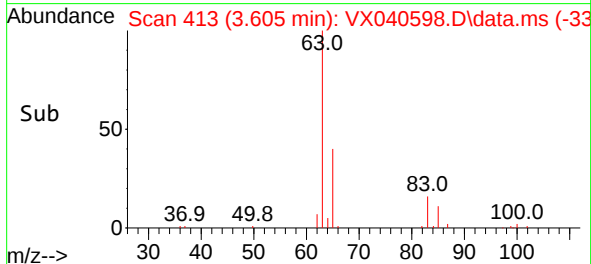
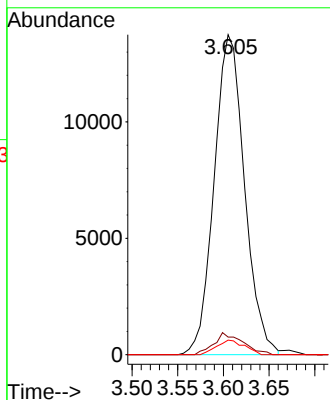
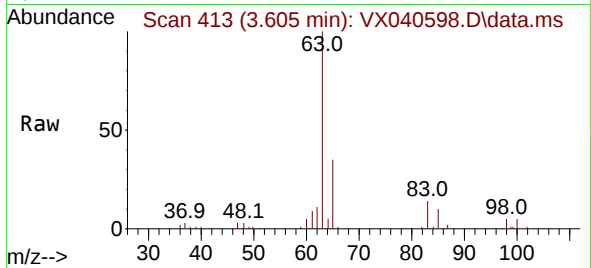
#21
1,1-Dichloroethane
Concen: 18.235 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 3179
Ion Ratio Lower Upper
63 100
98 5.5 2.9 8.8
100 4.6 2.0 5.8

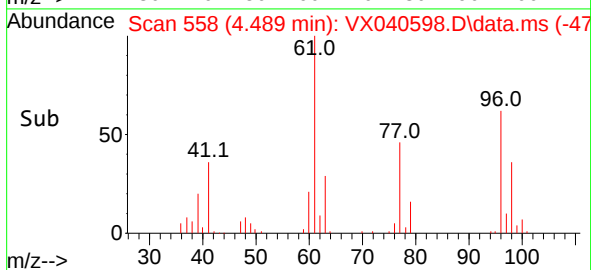
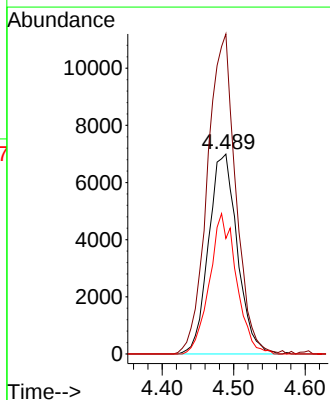
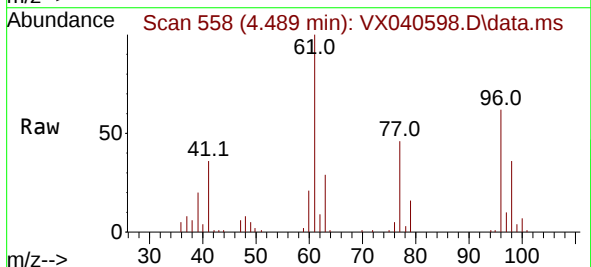
Manual Integrations
APPROVED

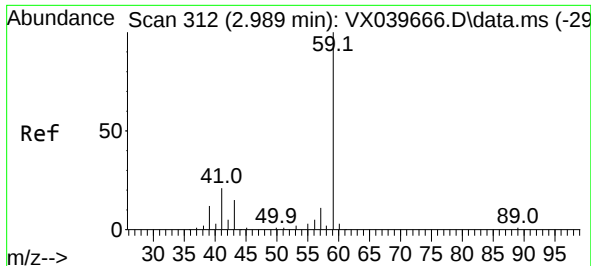
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#22
cis-1,2-Dichloroethene
Concen: 18.755 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 96 Resp: 19521
Ion Ratio Lower Upper
96 100
61 157.8 119.8 179.6
98 65.7 50.9 76.3





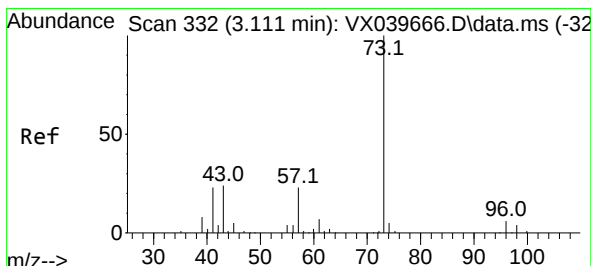
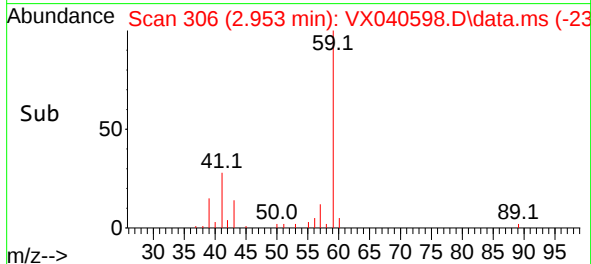
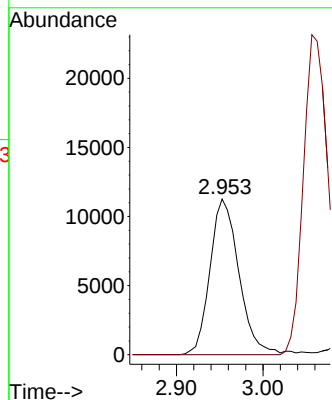
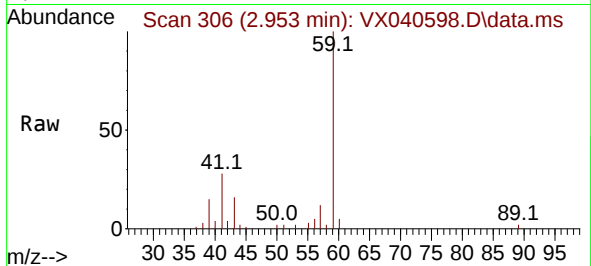
#23
tert-Butyl Alcohol
Concen: 103.625 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 26072
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

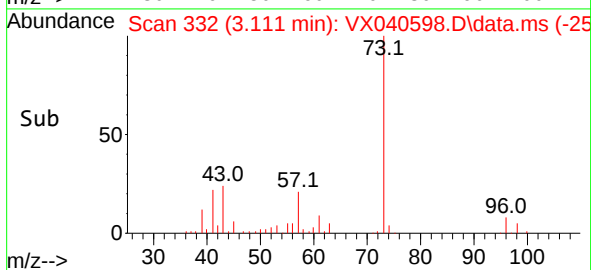
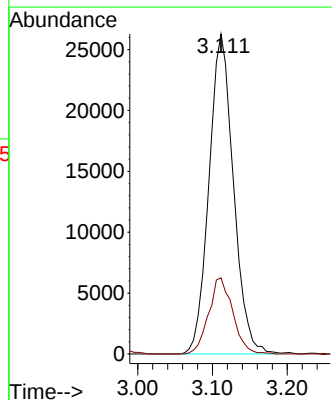
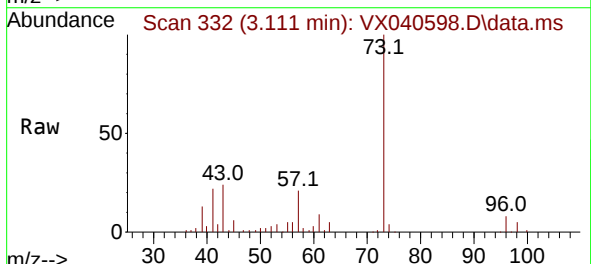
Manual Integrations
APPROVED

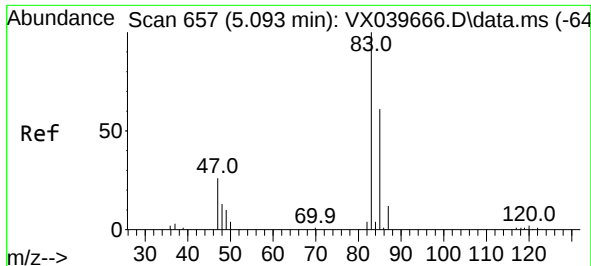
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#24
Methyl tert-Butyl Ether
Concen: 19.764 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 73 Resp: 59881
Ion Ratio Lower Upper
73 100
43 23.4 17.0 25.6





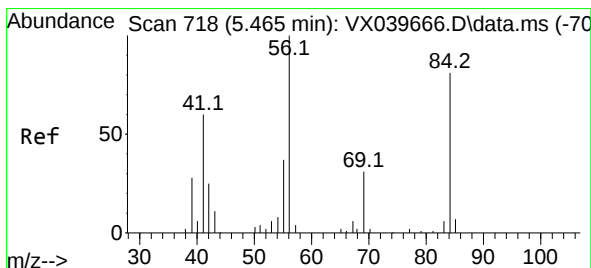
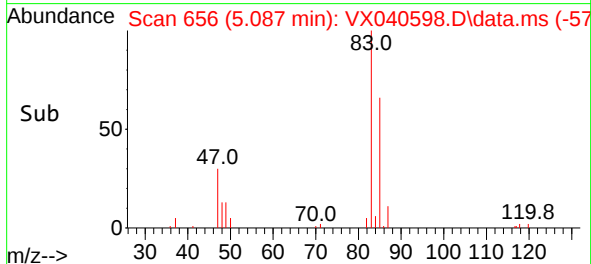
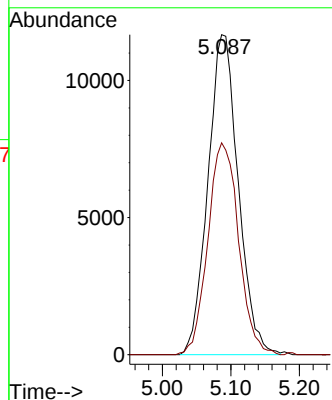
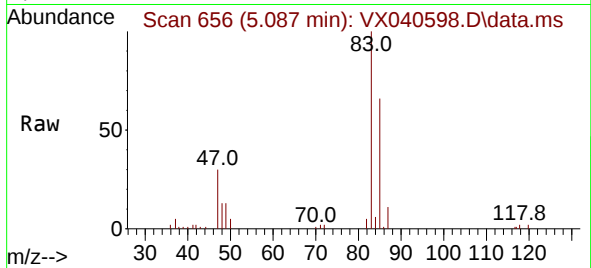
#25
Chloroform
Concen: 18.785 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3584
Ion Ratio Lower Upper
83 100
85 66.2 54.6 81.8

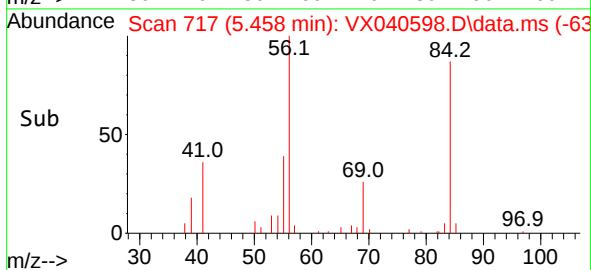
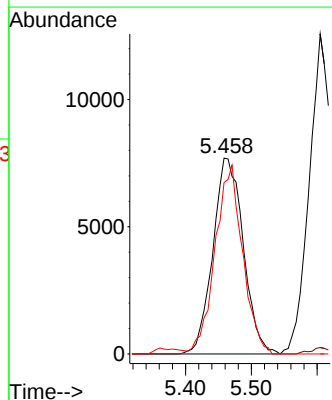
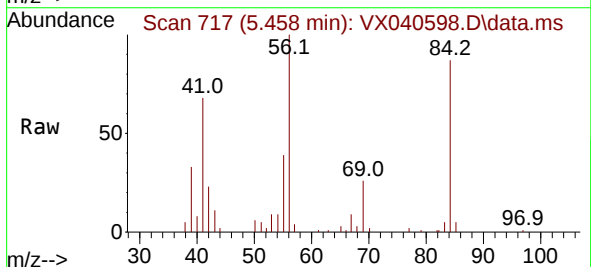
Manual Integrations
APPROVED

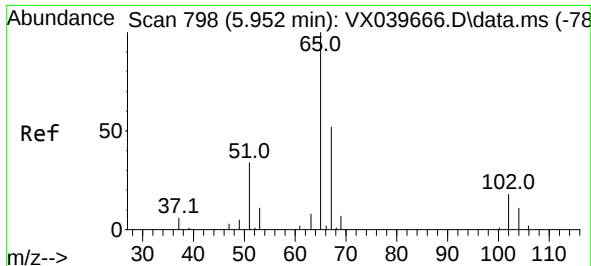
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#26
Cyclohexane
Concen: 17.568 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 56 Resp: 24720
Ion Ratio Lower Upper
56 100
89 0.4 0.0 0.0#
84 87.4 67.2 100.8





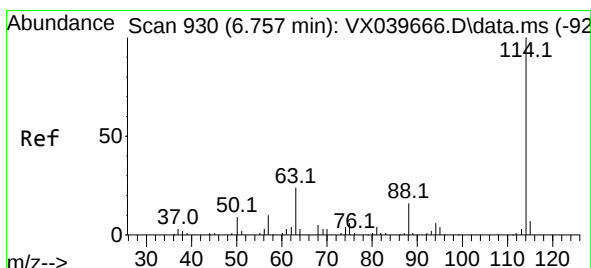
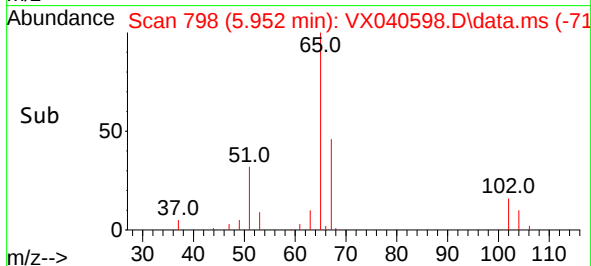
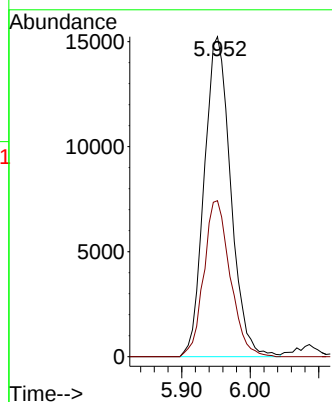
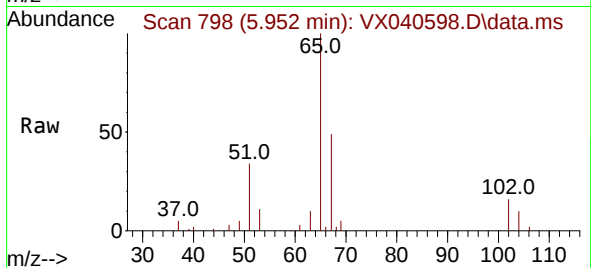
#27
1,2-Dichloroethane-d4
Concen: 29.757 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 4091
Ion Ratio Lower Upper
65 100
67 48.6 42.5 63.7

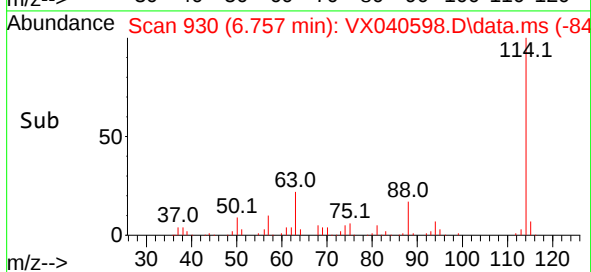
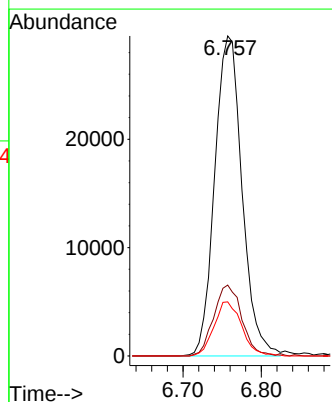
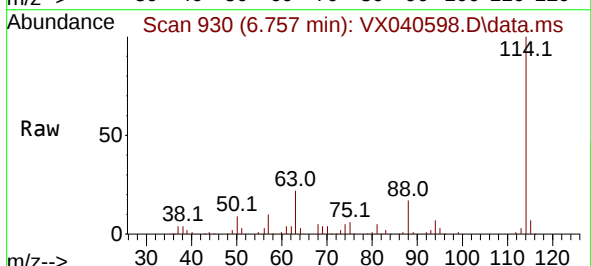
Manual Integrations
APPROVED

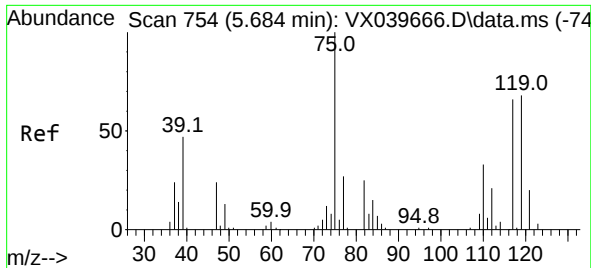
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion:114 Resp: 71752
Ion Ratio Lower Upper
114 100
63 22.6 17.0 25.4
88 17.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.826 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

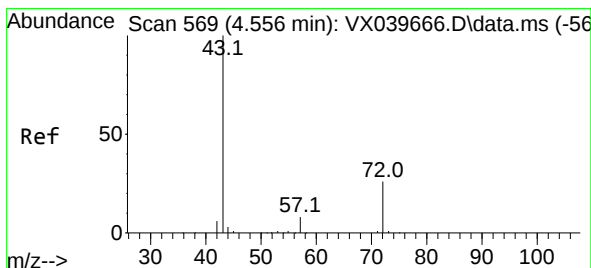
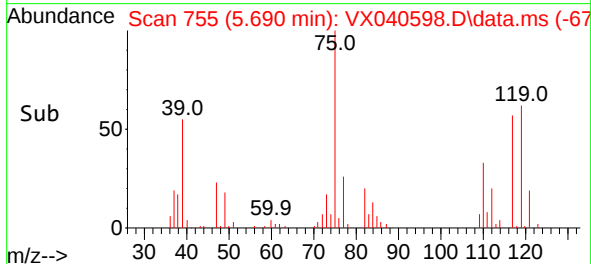
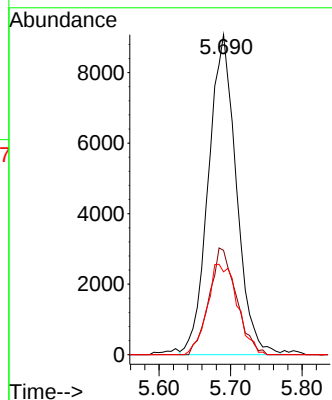
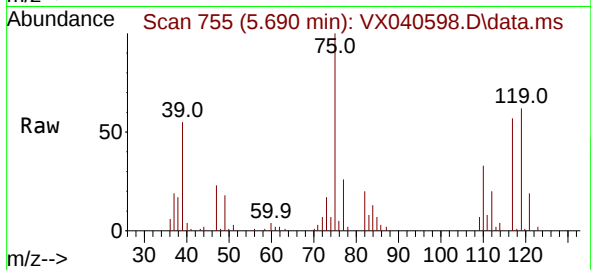
VSTDCCC020EC

Tgt Ion: 75 Resp: 2462
Ion Ratio Lower Upper
75 100
110 32.4 0.0 71.2
77 30.6 0.0 62.6

Manual Integrations

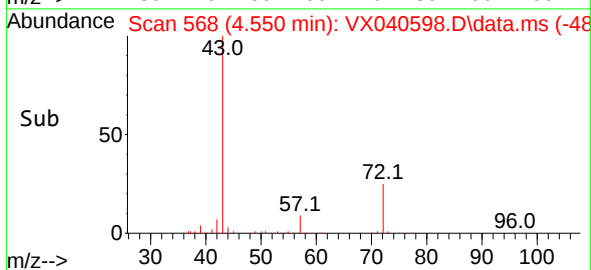
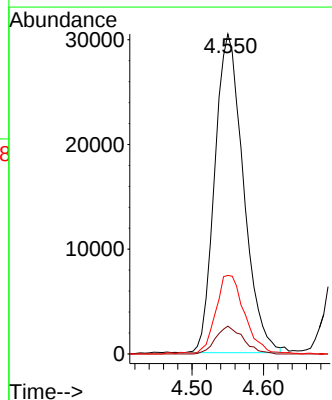
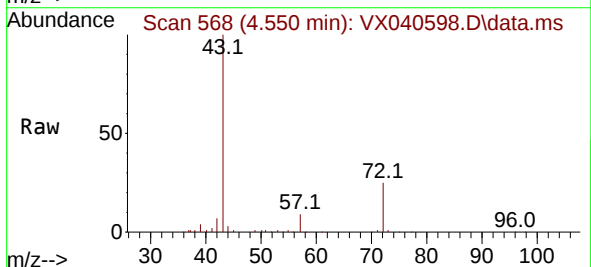
APPROVED

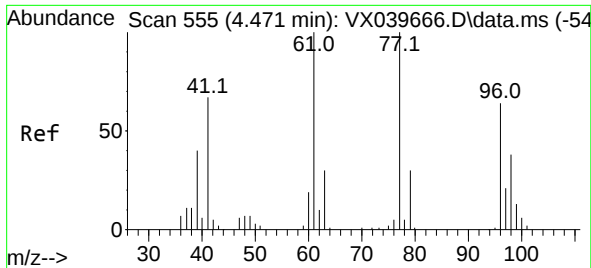
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#30
2-Butanone
Concen: 111.576 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 43 Resp: 84561
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 24.8 20.6 31.0





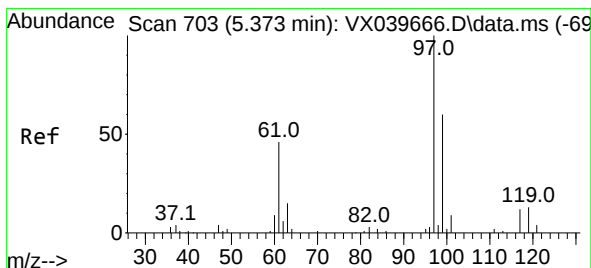
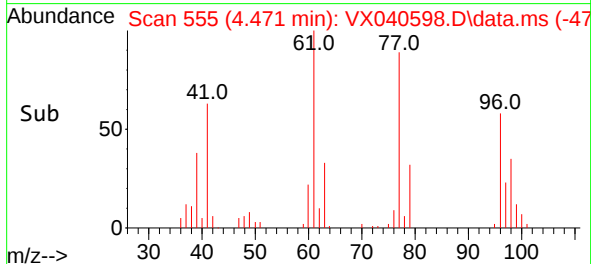
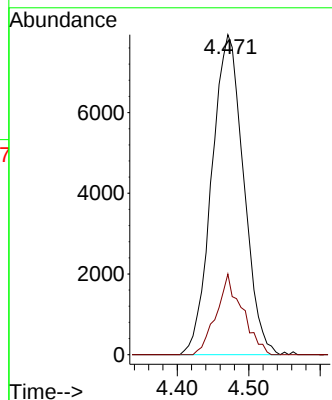
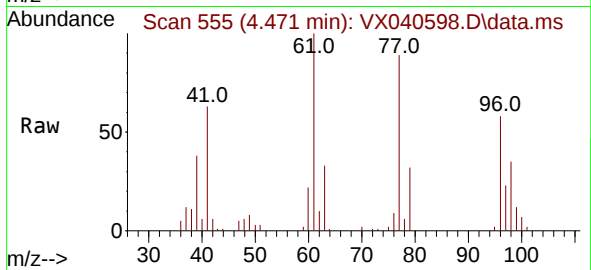
#31
2,2-Dichloropropane
Concen: 18.298 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 24528
Ion Ratio Lower Upper
77 100
97 20.7 18.2 27.4

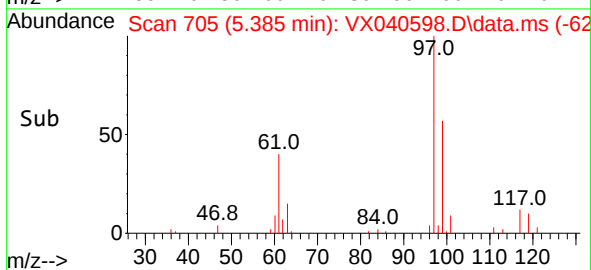
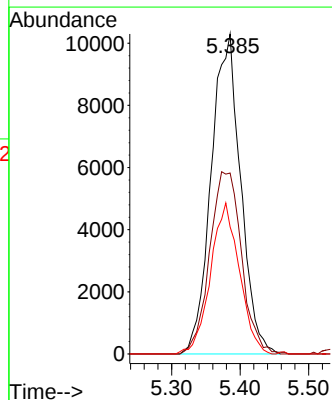
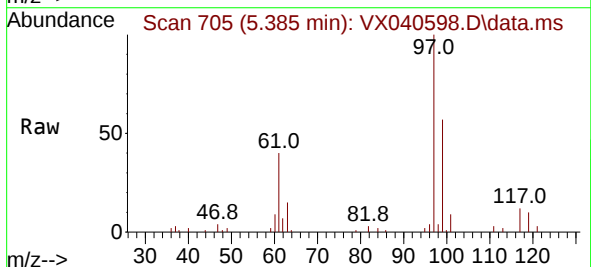
Manual Integrations
APPROVED

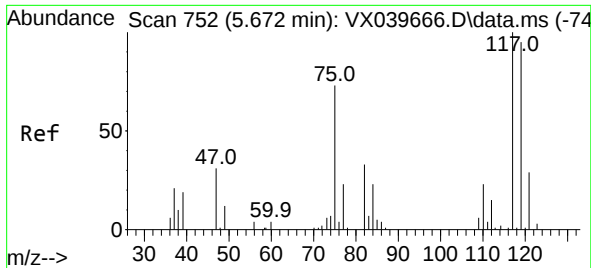
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#32
1,1,1-Trichloroethane
Concen: 19.643 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 97 Resp: 30740
Ion Ratio Lower Upper
97 100
99 61.5 52.6 79.0
61 46.1 36.9 55.3





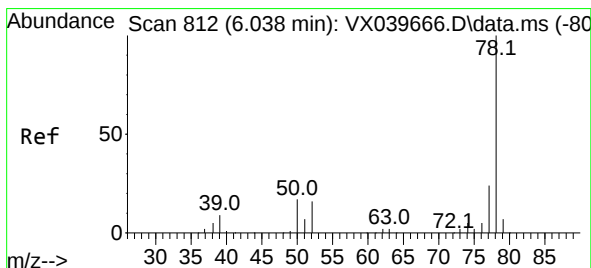
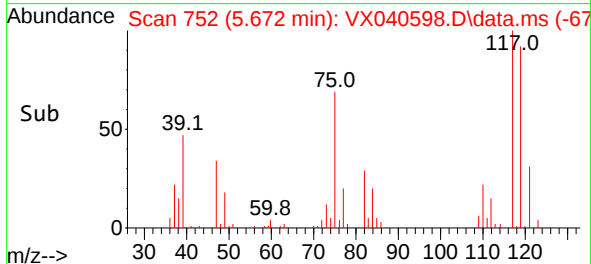
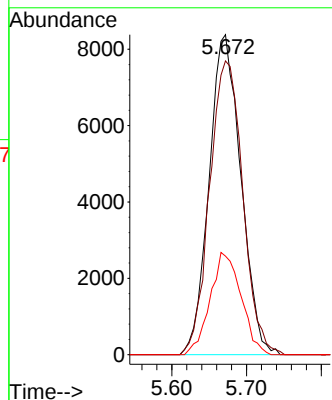
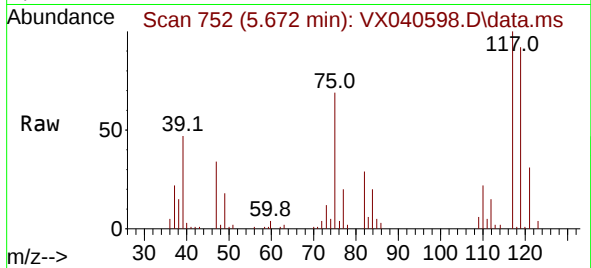
#33
Carbon Tetrachloride
Concen: 18.836 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 2480
Ion Ratio Lower Upper
117 100
119 91.8 78.2 117.4
121 30.8 24.7 37.1

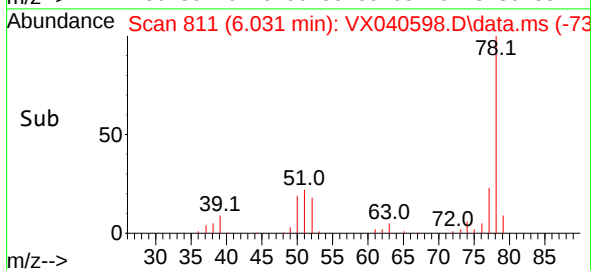
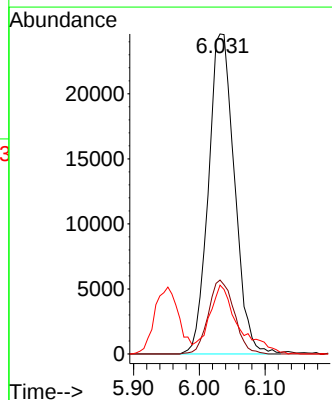
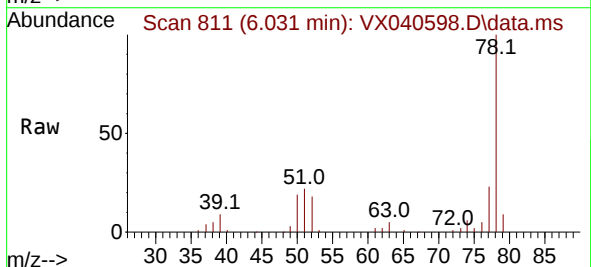
Manual Integrations
APPROVED

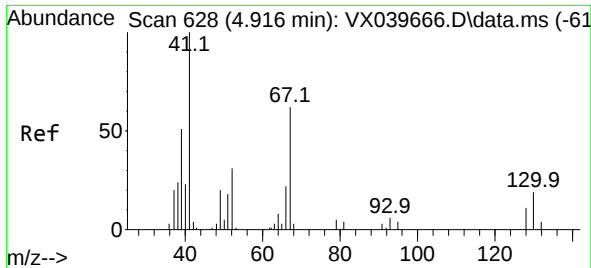
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#34
Benzene
Concen: 20.205 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

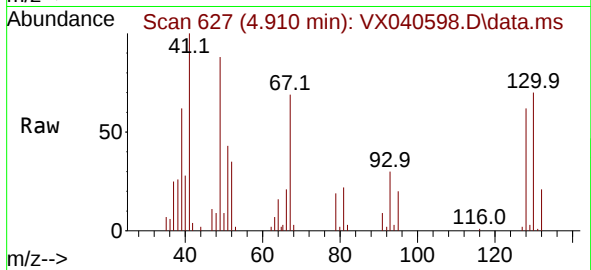
Tgt Ion: 78 Resp: 67743
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 21.0 14.4 21.6





#35
Methacrylonitrile
Concen: 22.625 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

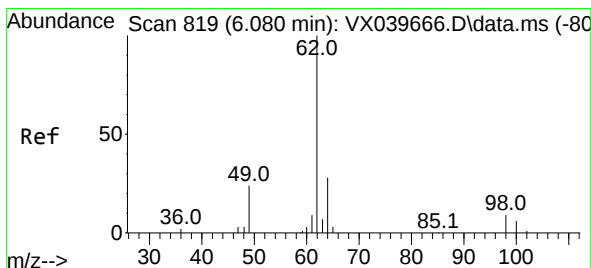
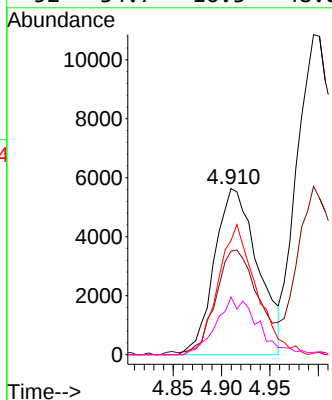
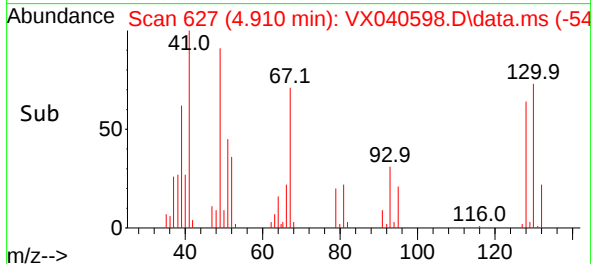
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 1760
Ion Ratio Lower Upper
41 100
39 61.2 28.2 84.7
67 68.8 34.5 103.5
52 34.7 16.3 48.8

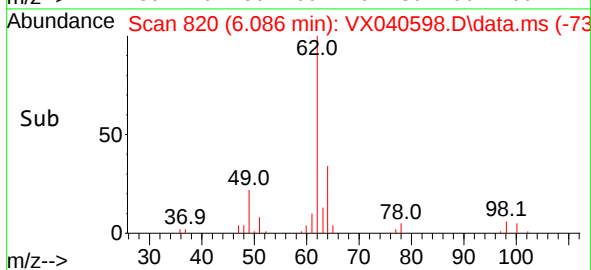
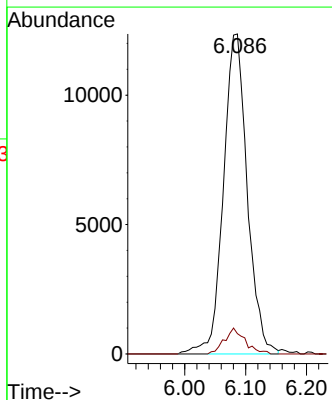
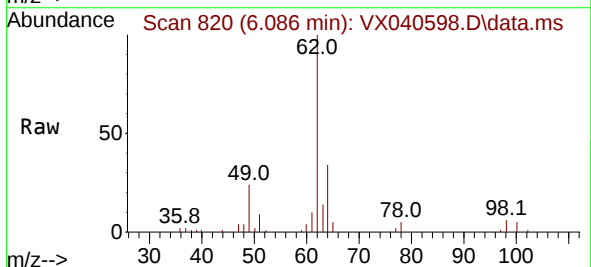
Manual Integrations
APPROVED

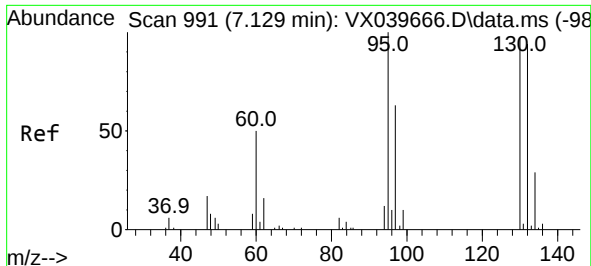
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#36
1,2-Dichloroethane
Concen: 21.687 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

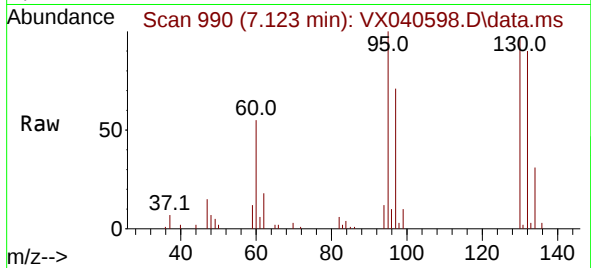
Tgt Ion: 62 Resp: 33619
Ion Ratio Lower Upper
62 100
98 6.8 7.0 10.4#





#37
Trichloroethene
Concen: 19.929 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

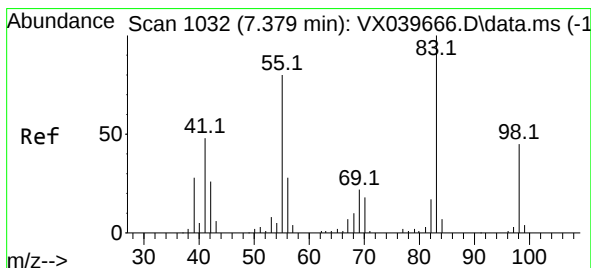
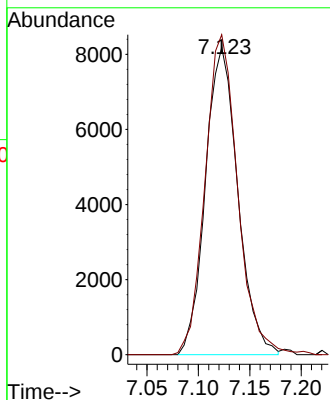
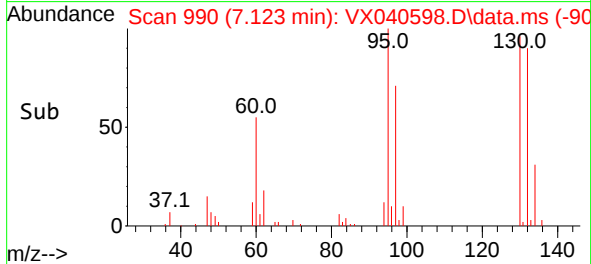
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 17950
Ion Ratio Lower Upper
130 100
95 103.4 85.8 128.8

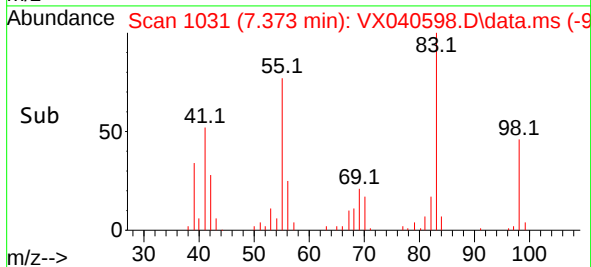
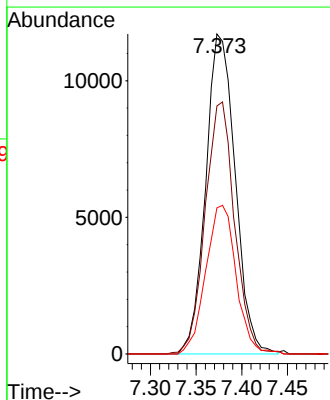
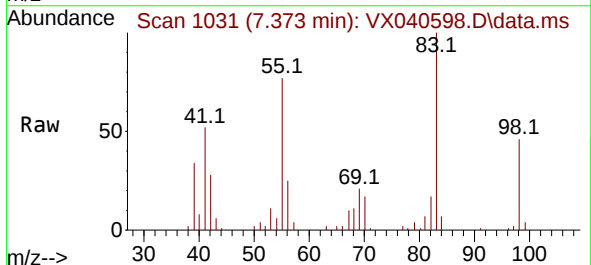
Manual Integrations
APPROVED

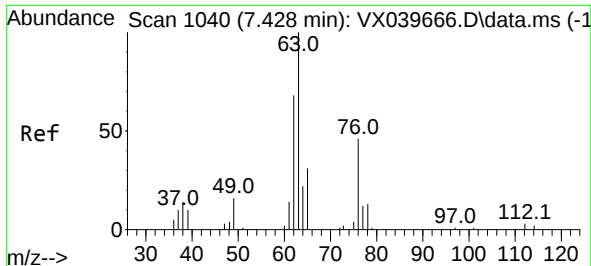
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#38
Methylcyclohexane
Concen: 19.687 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 83 Resp: 26328
Ion Ratio Lower Upper
83 100
55 78.2 38.6 116.0
98 47.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 21.465 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 18324

Ion Ratio Lower Upper

63 100

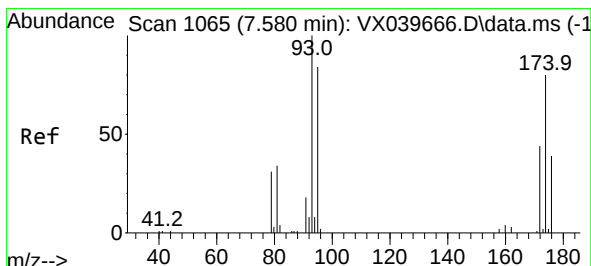
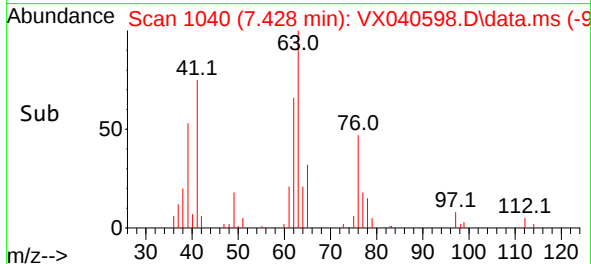
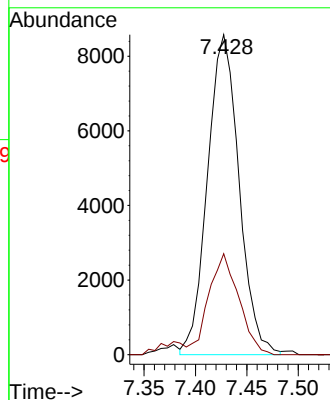
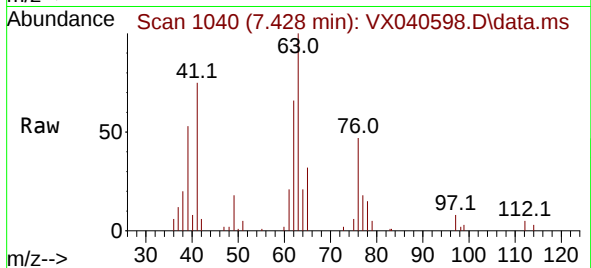
65 31.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Dibromomethane

Concen: 21.818 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

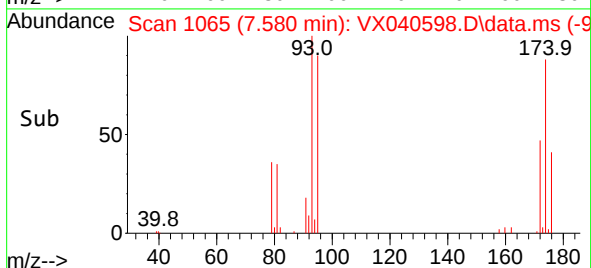
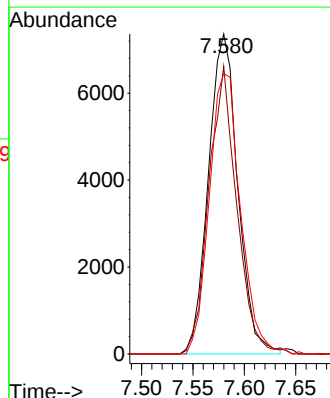
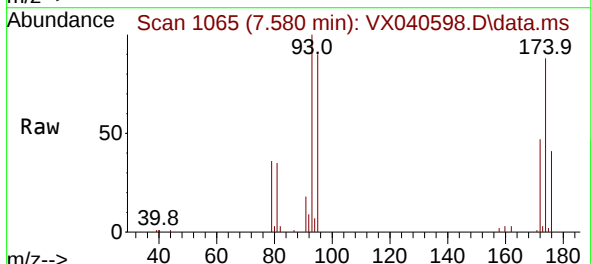
Tgt Ion: 93 Resp: 14632

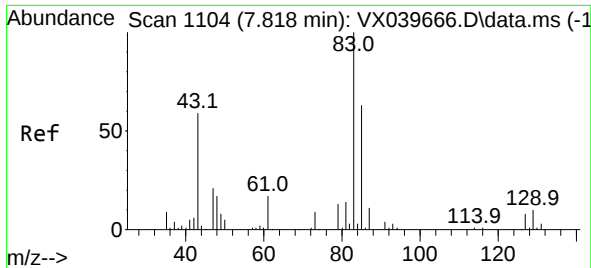
Ion Ratio Lower Upper

93 100

95 84.8 0.0 163.4

174 92.8 0.0 166.4





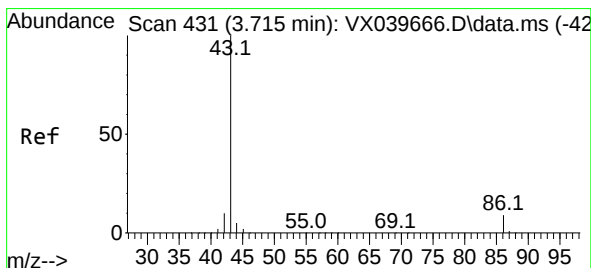
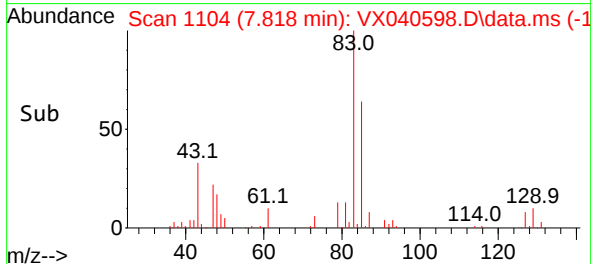
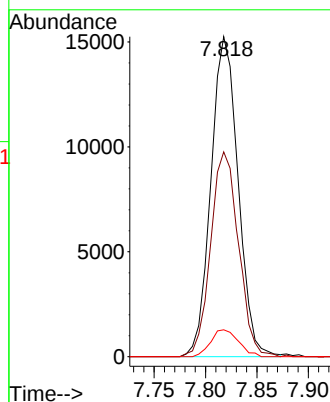
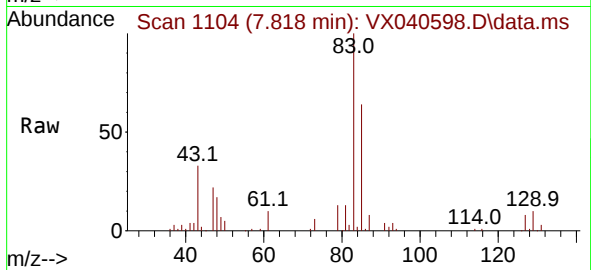
#41
Bromodichloromethane
Concen: 20.998 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 28014
Ion Ratio Lower Upper
83 100
85 64.0 50.8 76.2
127 8.4 5.9 8.9

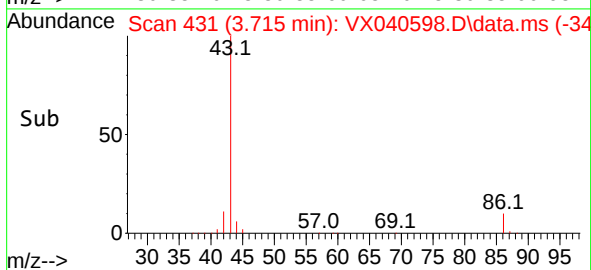
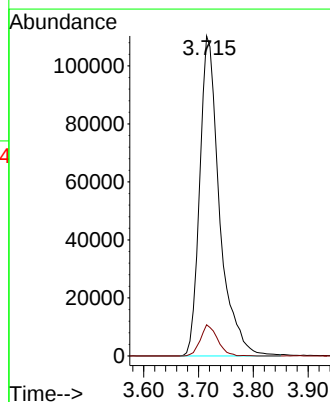
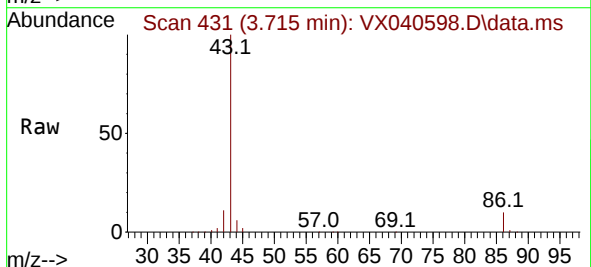
Manual Integrations
APPROVED

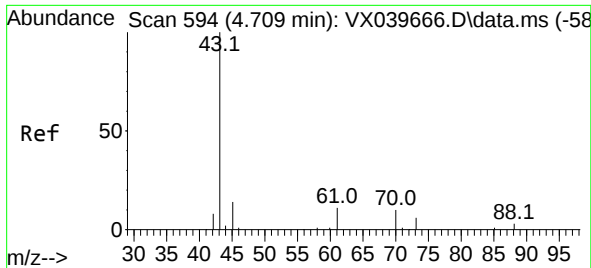
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
Vinyl Acetate
Concen: 106.100 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 43 Resp: 276855
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





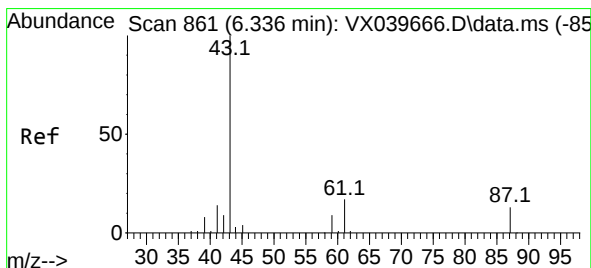
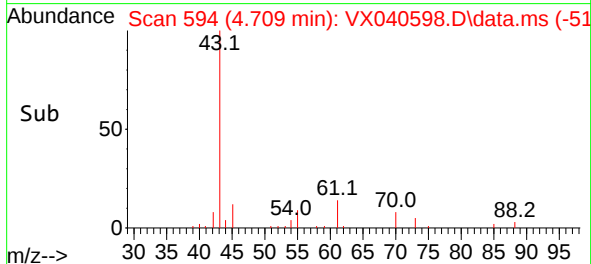
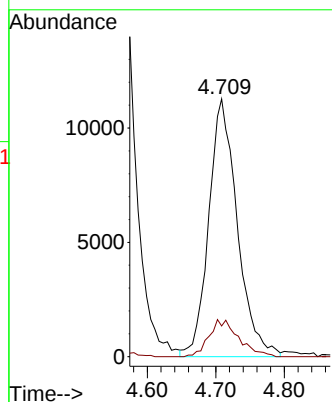
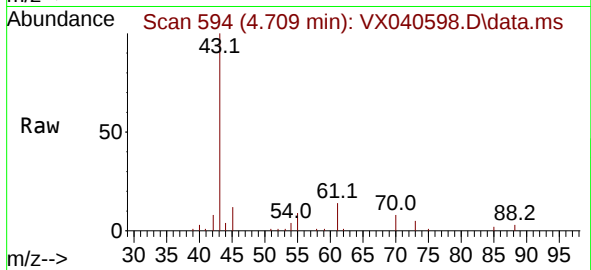
#43
Ethyl Acetate
Concen: 22.863 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 3263
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.8

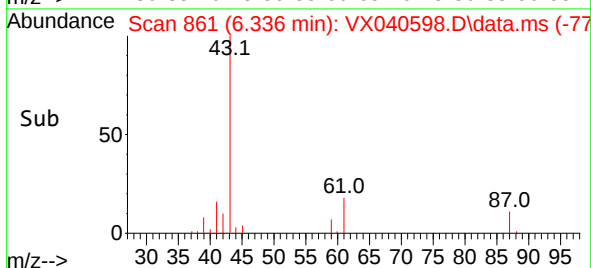
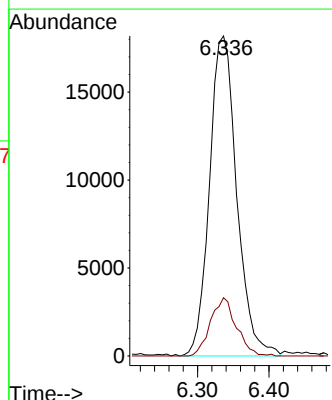
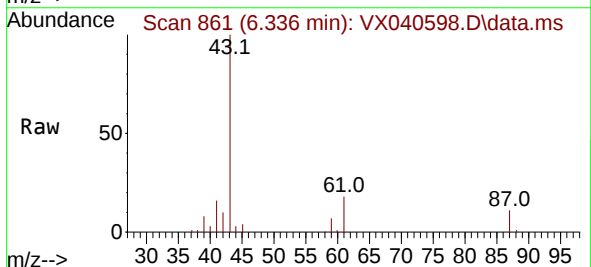
Manual Integrations
APPROVED

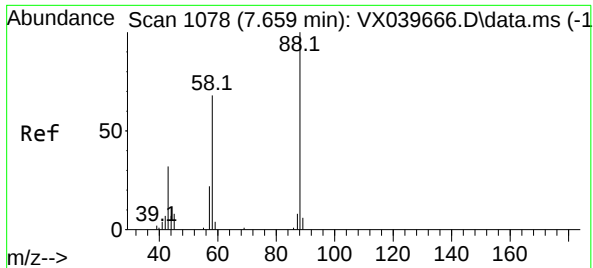
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#44
Isopropyl Acetate
Concen: 21.172 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 43 Resp: 48238
Ion Ratio Lower Upper
43 100
61 17.1 15.6 23.4





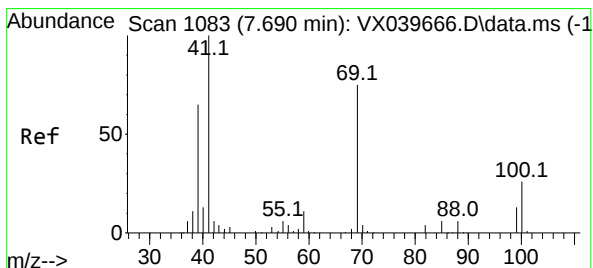
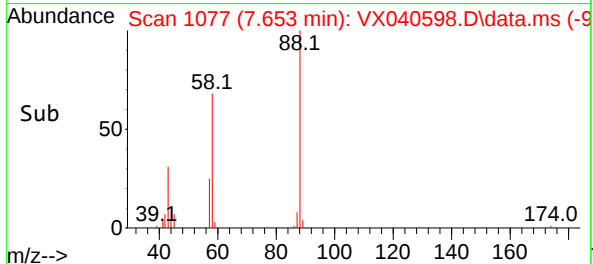
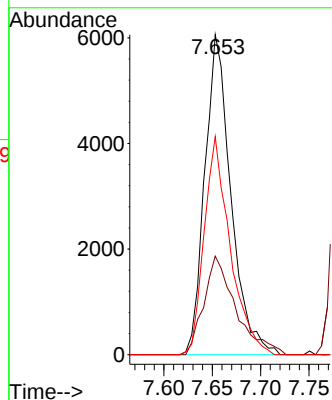
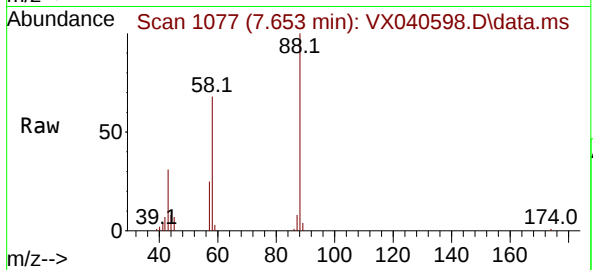
#45
1,4-Dioxane
Concen: 487.277 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 1141
Ion Ratio Lower Upper
88 100
43 37.6 28.1 42.1
58 67.8 57.7 86.5

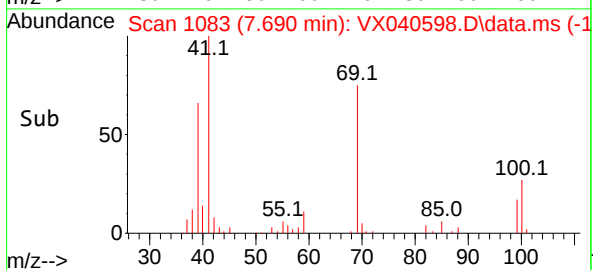
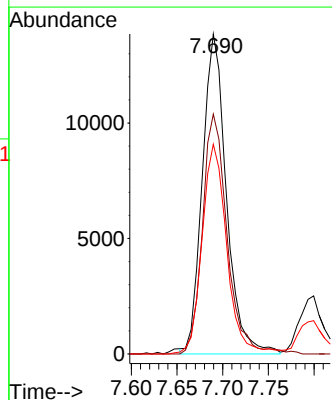
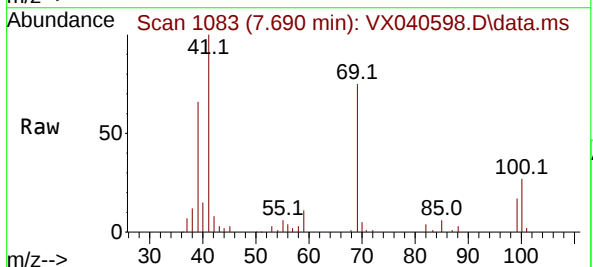
Manual Integrations
APPROVED

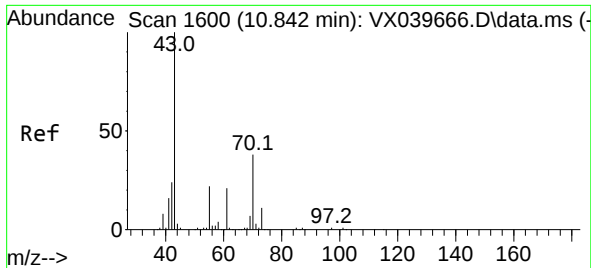
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#46
Methyl methacrylate
Concen: 22.395 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 41 Resp: 25343
Ion Ratio Lower Upper
41 100
69 75.4 39.6 118.8
39 65.3 30.1 90.3





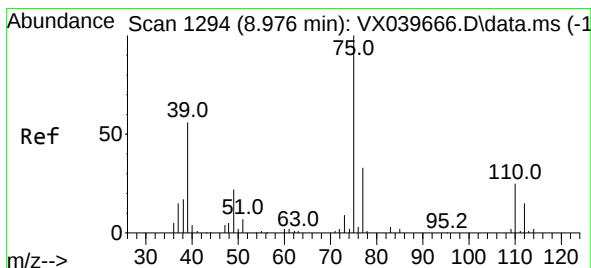
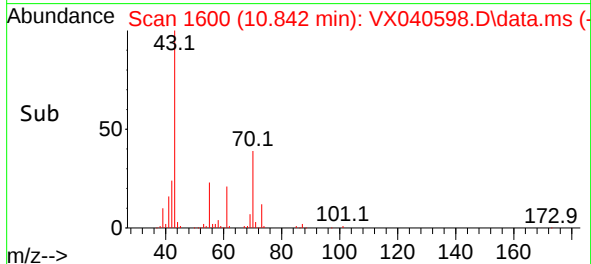
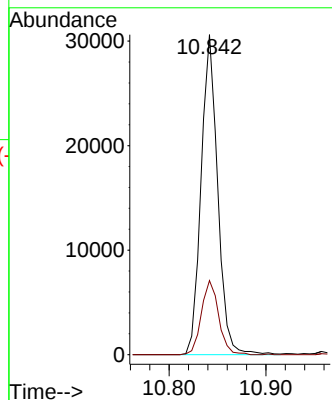
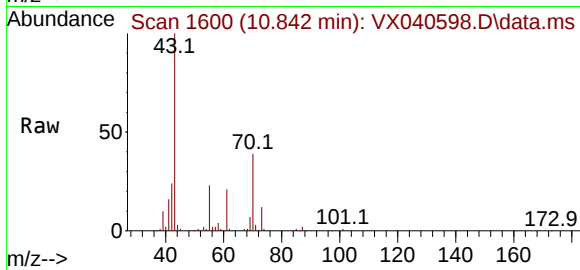
#47
n-amyl acetate
Concen: 18.624 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 3657
Ion Ratio Lower Upper
43 100
55 23.9 18.2 27.2

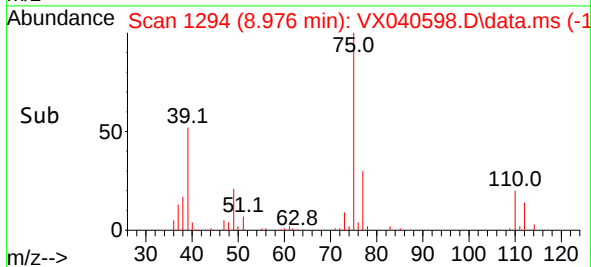
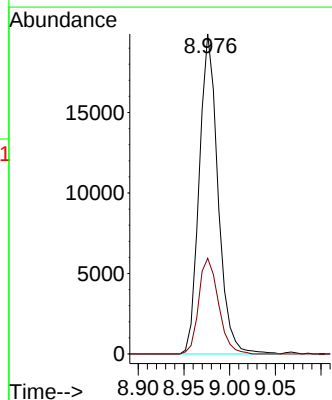
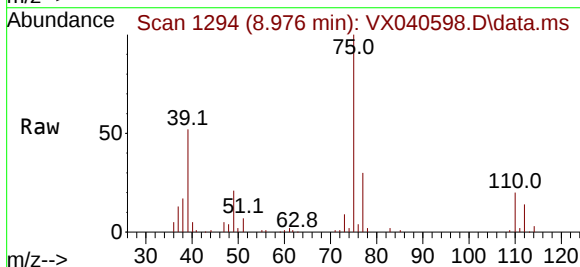
Manual Integrations
APPROVED

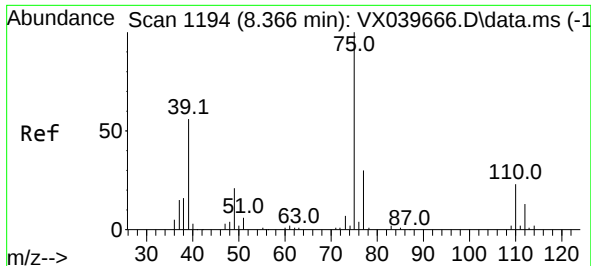
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
t-1,3-Dichloropropene
Concen: 20.120 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 75 Resp: 28372
Ion Ratio Lower Upper
75 100
77 29.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.890 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3000

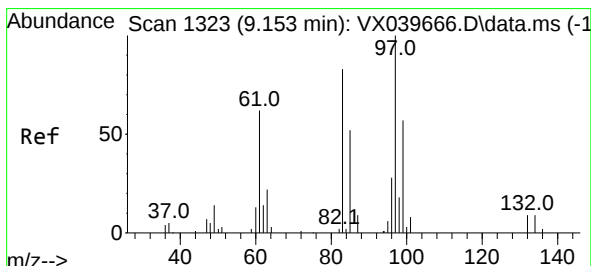
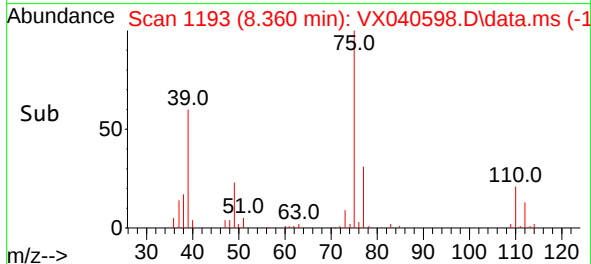
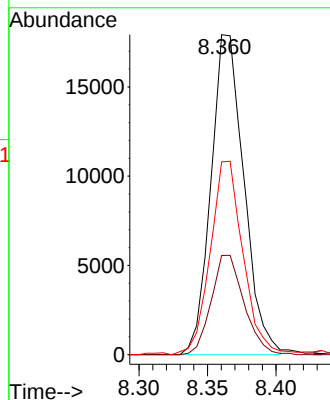
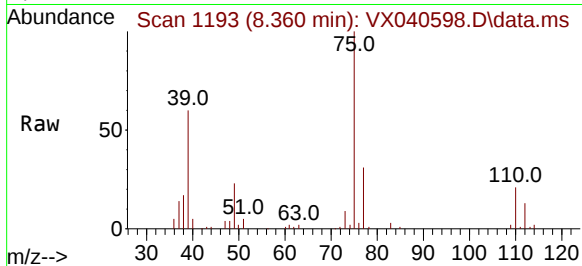
Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.4	36.6
39	59.3	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#50

1,1,2-Trichloroethane

Concen: 21.957 ug/l

RT: 9.147 min Scan# 1322

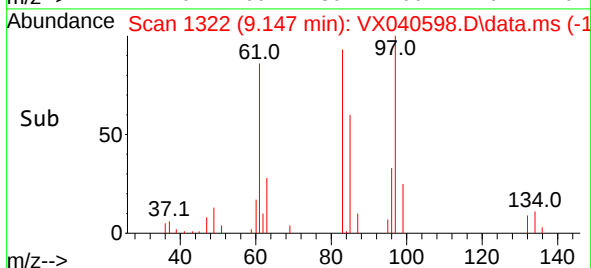
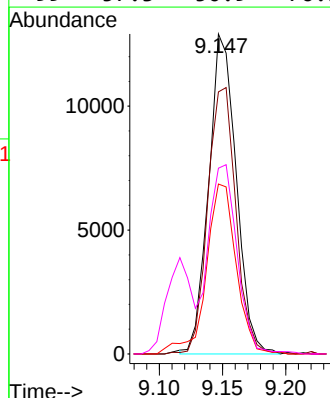
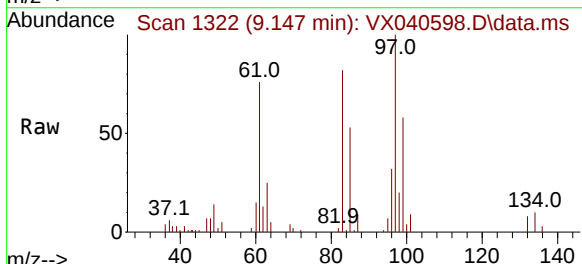
Delta R.T. -0.006 min

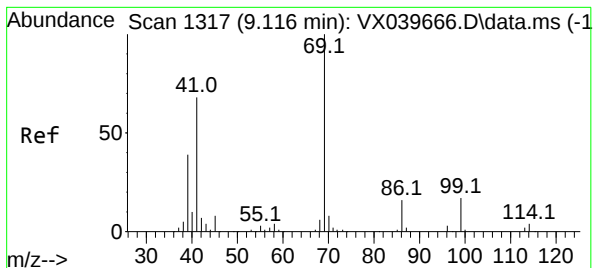
Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Tgt Ion: 97 Resp: 19559

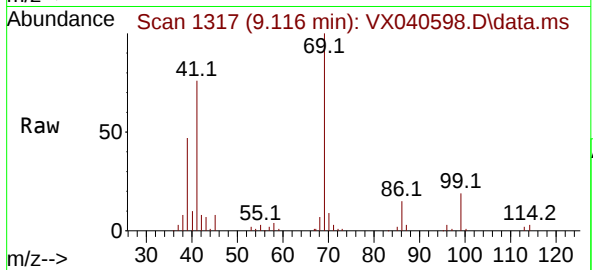
Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.6
85	52.4	46.3	69.5
99	57.3	50.9	76.3





#51
Ethyl methacrylate
Concen: 21.187 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

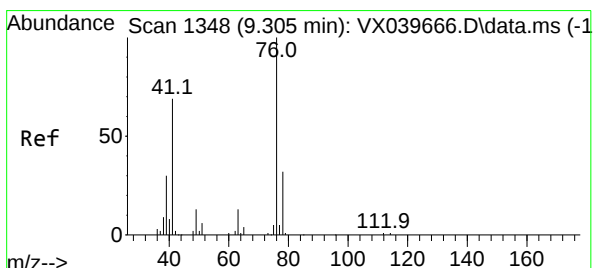
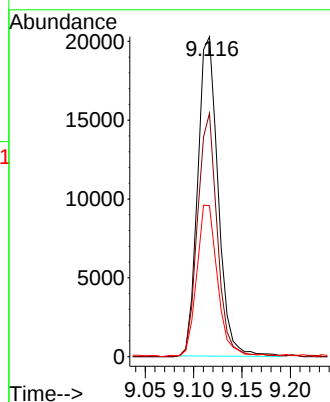
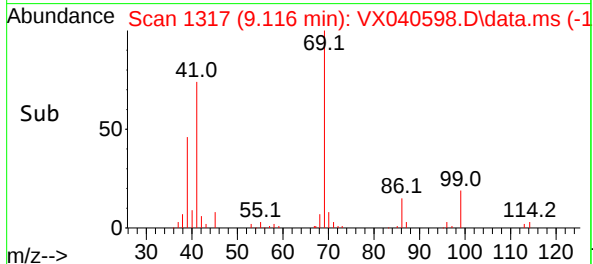
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 2971
Ion Ratio Lower Upper
69 100
41 75.8 36.2 108.6
39 47.0 21.1 63.4

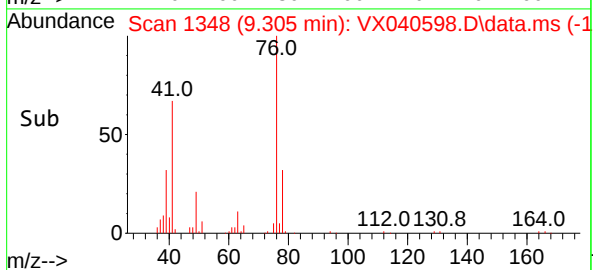
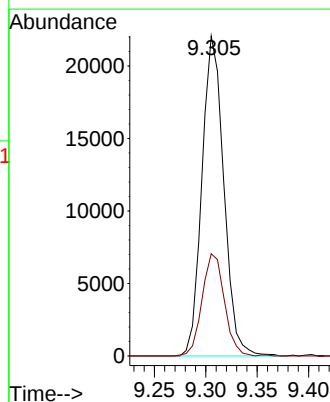
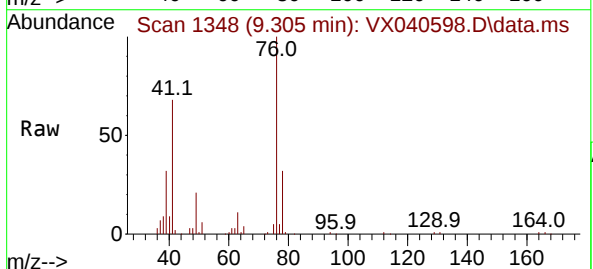
Manual Integrations
APPROVED

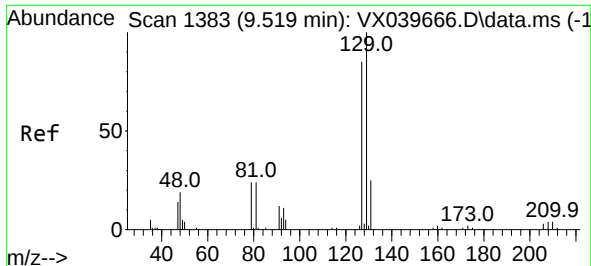
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
1,3-Dichloropropane
Concen: 21.484 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

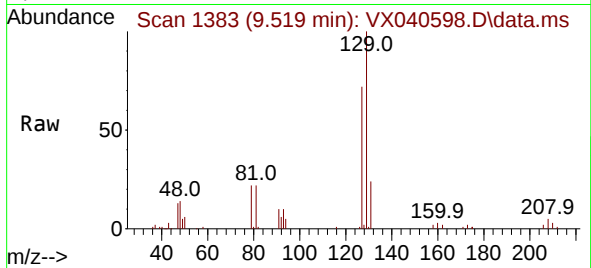
Tgt Ion: 76 Resp: 32657
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0





#53
Dibromochloromethane
Concen: 20.735 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

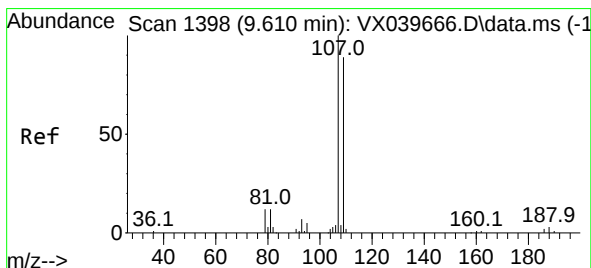
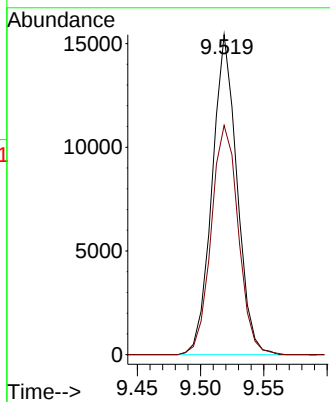
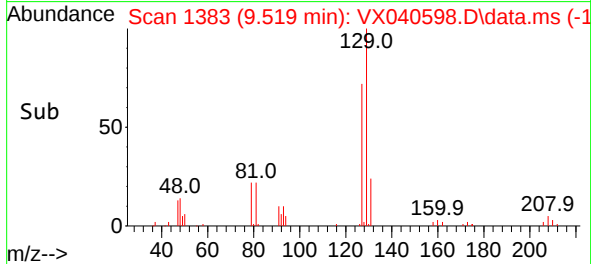
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 2105
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9

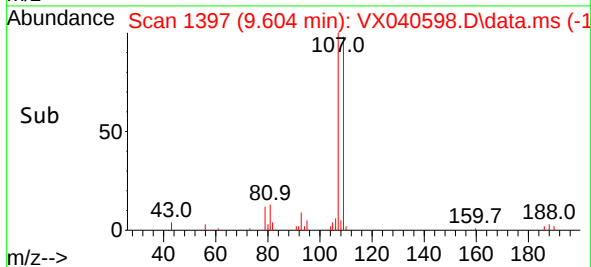
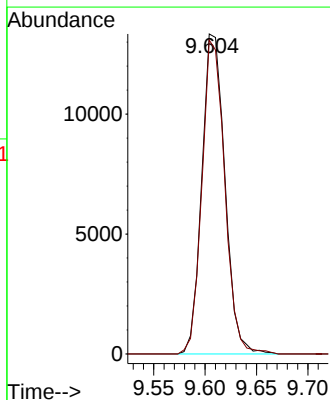
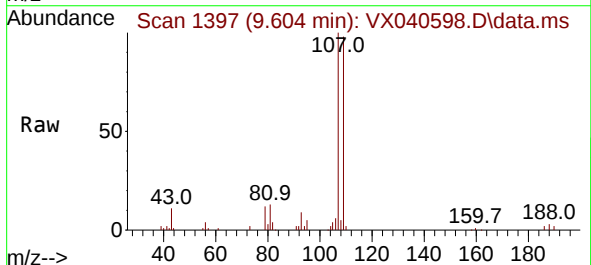
Manual Integrations
APPROVED

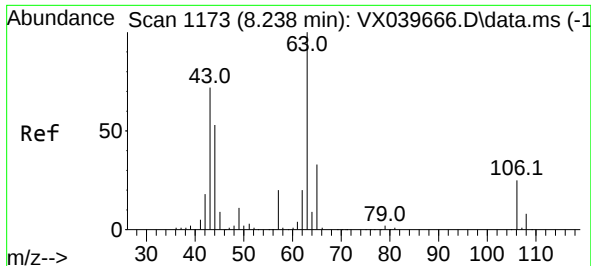
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#54
1,2-Dibromoethane
Concen: 21.209 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion:107 Resp: 20905
Ion Ratio Lower Upper
107 100
109 96.7 75.1 112.7





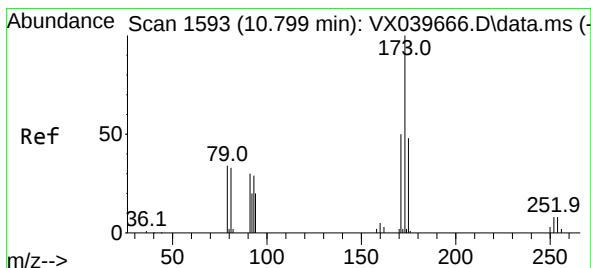
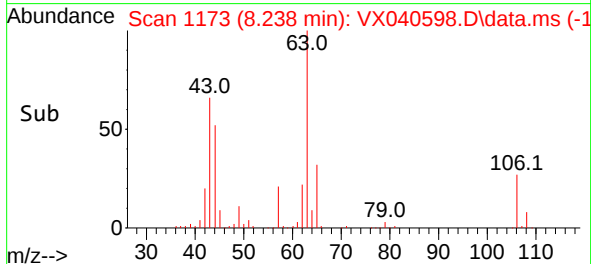
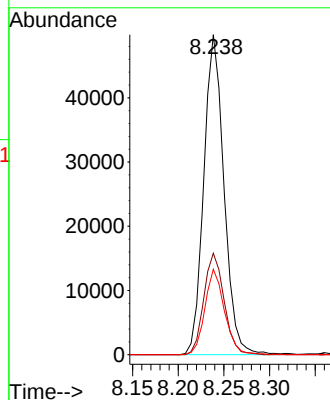
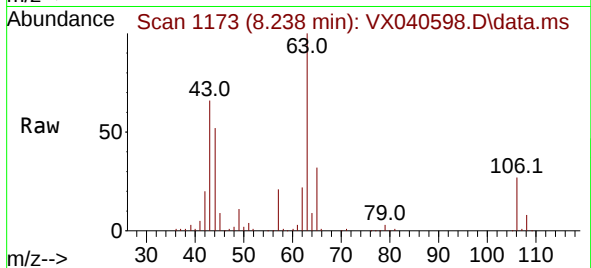
#55
2-Chloroethyl vinyl ether
Concen: 107.058 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 76460
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.6
106 25.9 20.6 31.0

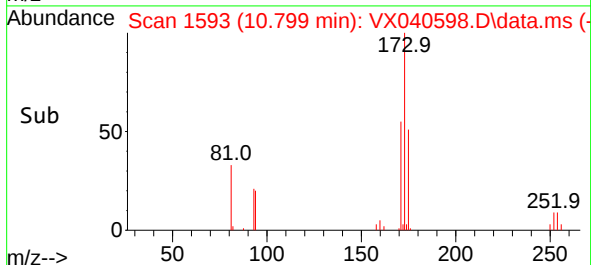
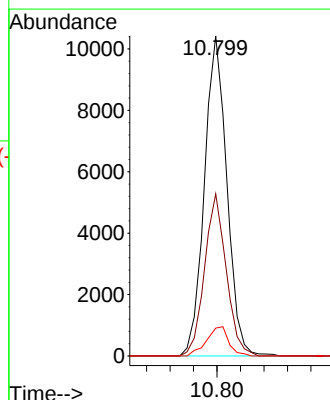
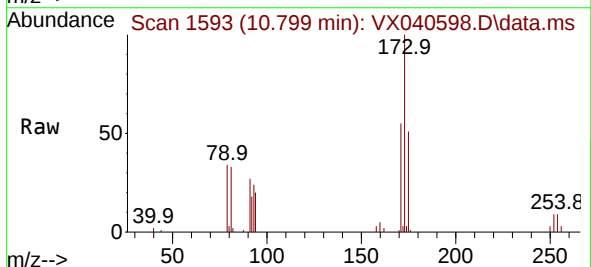
Manual Integrations
APPROVED

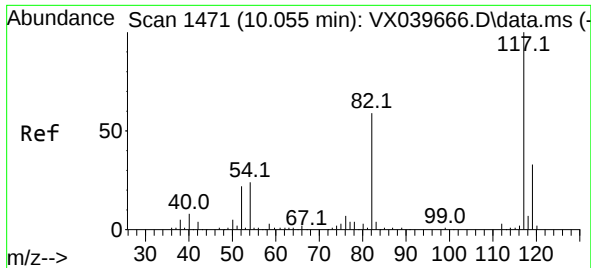
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#56
Bromoform
Concen: 19.190 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion:173 Resp: 13822
Ion Ratio Lower Upper
173 100
175 48.9 37.6 56.4
254 9.1 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 6829

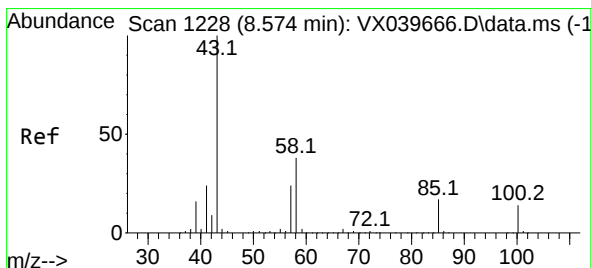
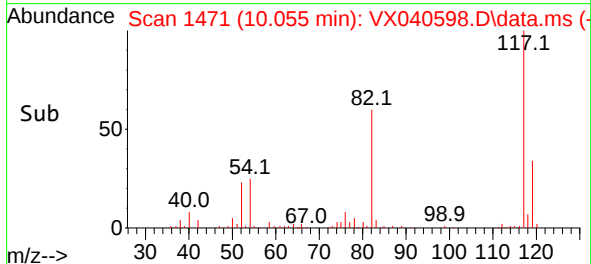
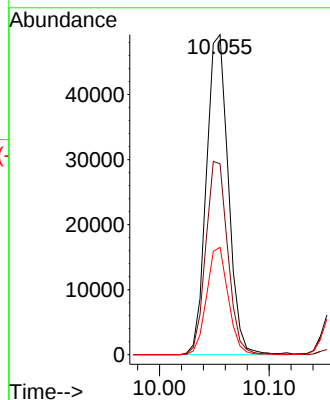
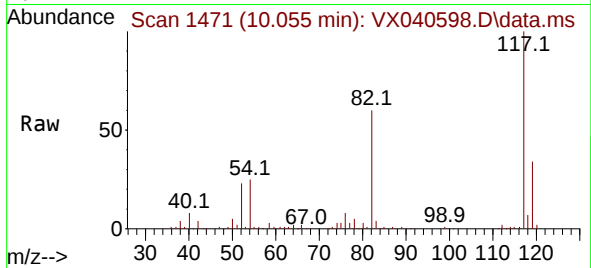
Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.0	70.6
119	33.2	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#58

4-Methyl-2-Pentanone

Concen: 110.811 ug/l

RT: 8.568 min Scan# 1227

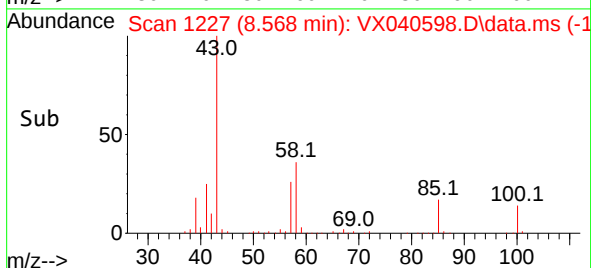
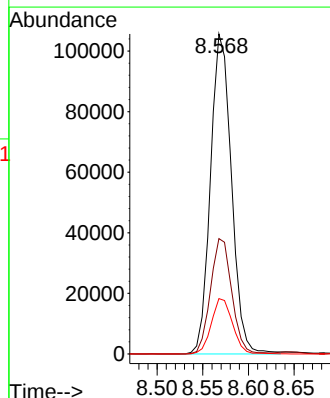
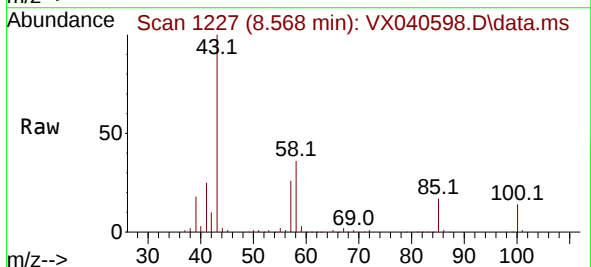
Delta R.T. -0.006 min

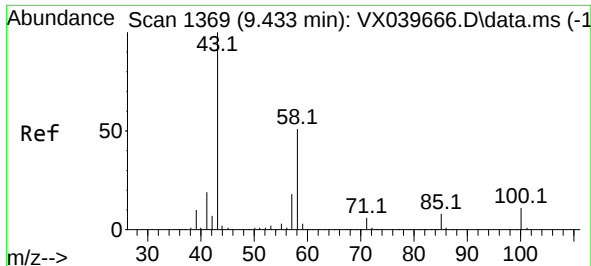
Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Tgt Ion: 43 Resp: 168512

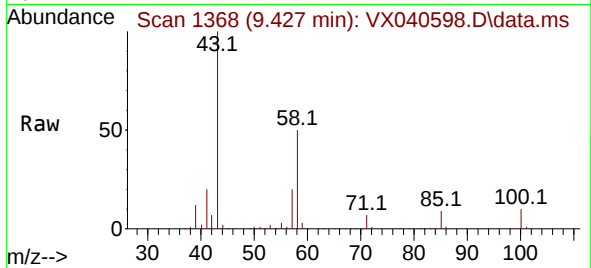
Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.1	45.1
85	17.5	13.9	20.9





#59
2-Hexanone
Concen: 109.799 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

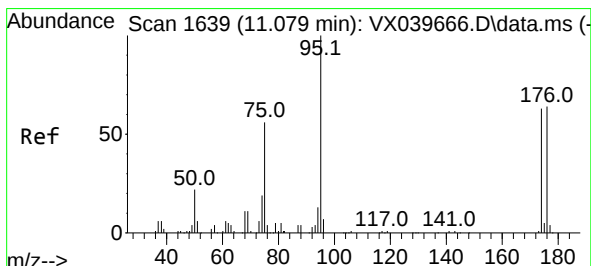
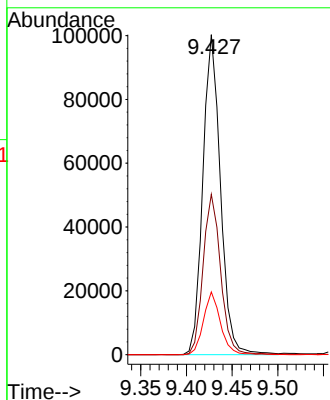
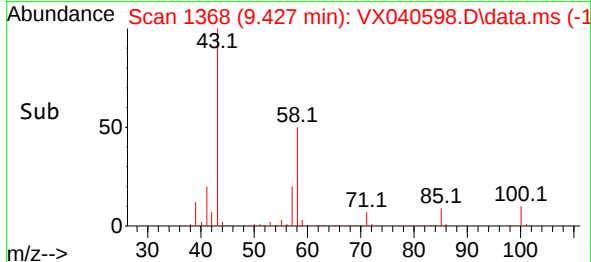
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 134870
Ion Ratio Lower Upper
43 100
58 49.7 42.7 64.1
57 19.0 14.8 22.2

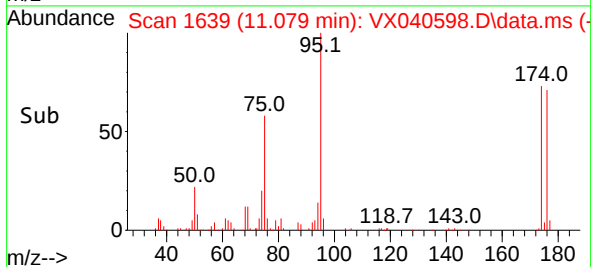
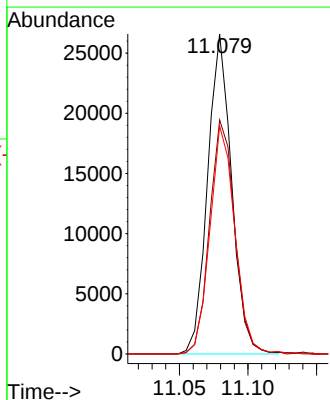
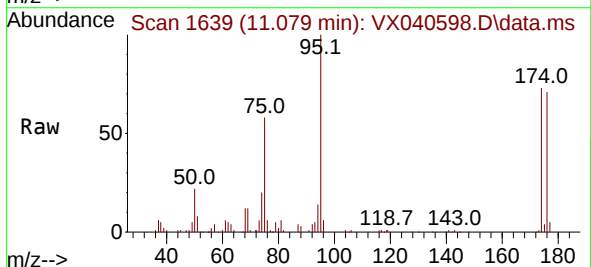
Manual Integrations
APPROVED

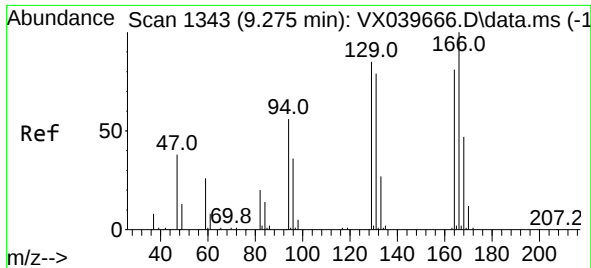
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
4-Bromofluorobenzene
Concen: 27.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

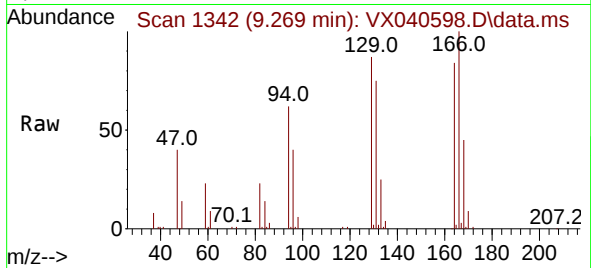
Tgt Ion: 95 Resp: 32490
Ion Ratio Lower Upper
95 100
174 76.2 55.4 83.2
176 74.1 52.6 78.8





#61
Tetrachloroethene
Concen: 20.920 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

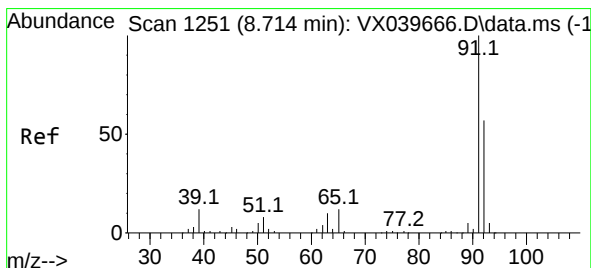
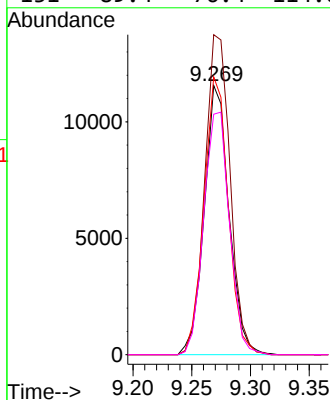
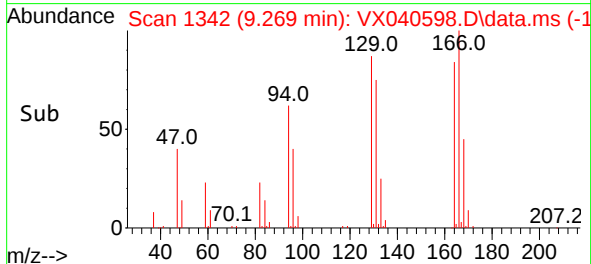
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 1695
Ion Ratio Lower Upper
164 100
166 118.9 104.0 156.0
129 103.2 82.0 123.0
131 89.4 76.4 114.6

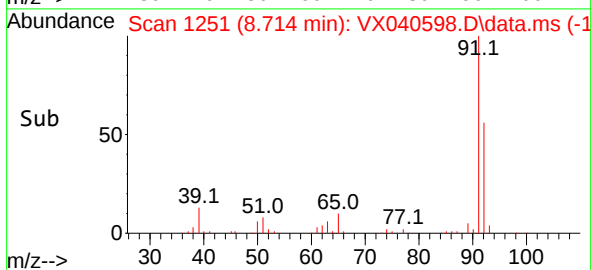
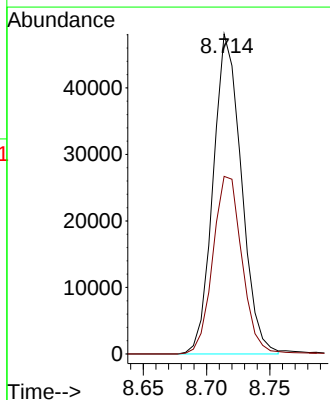
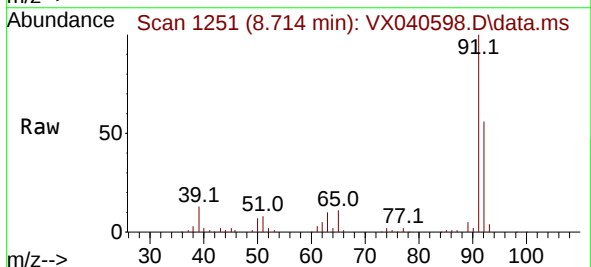
Manual Integrations
APPROVED

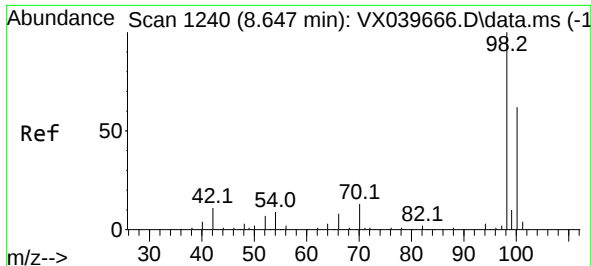
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#62
Toluene
Concen: 19.835 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 91 Resp: 74607
Ion Ratio Lower Upper
91 100
92 57.7 45.9 68.9





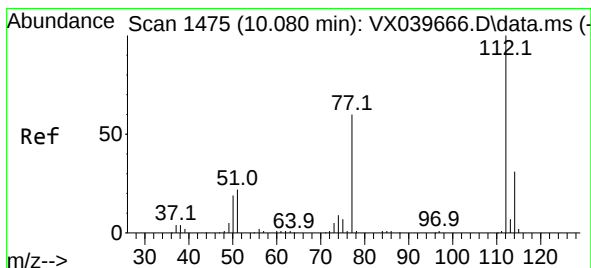
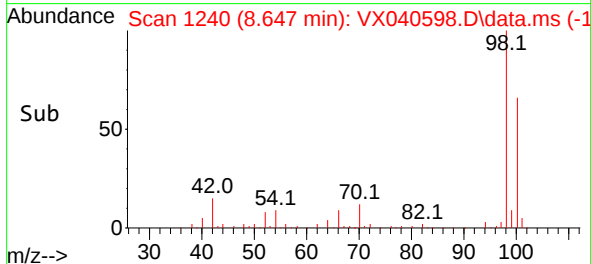
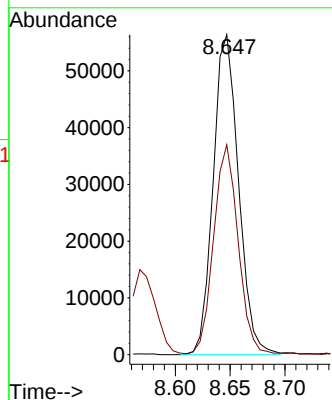
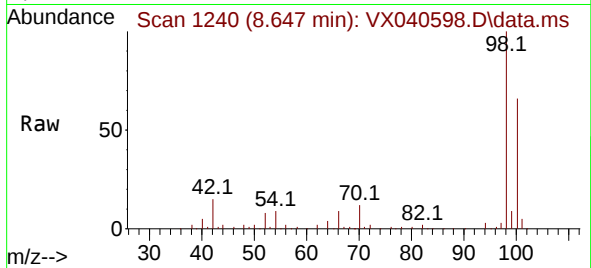
#63
Toluene-d8
Concen: 30.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 90662
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.4

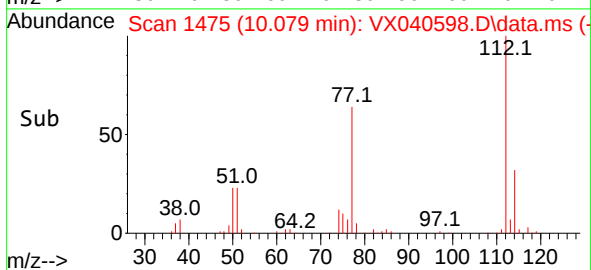
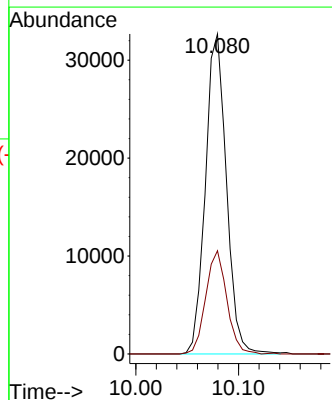
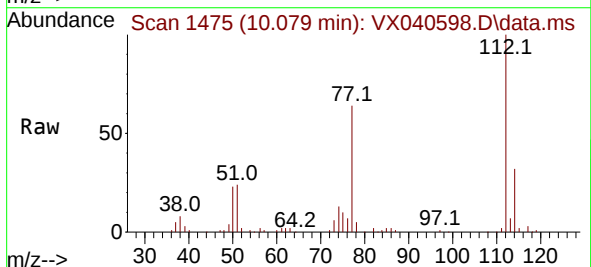
Manual Integrations
APPROVED

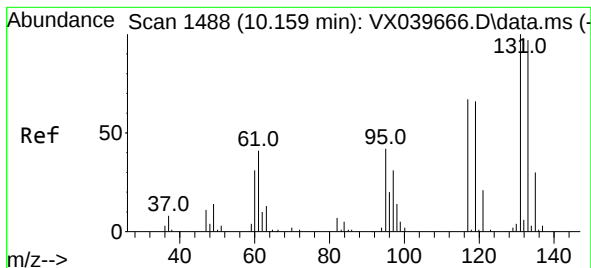
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#64
Chlorobenzene
Concen: 20.217 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

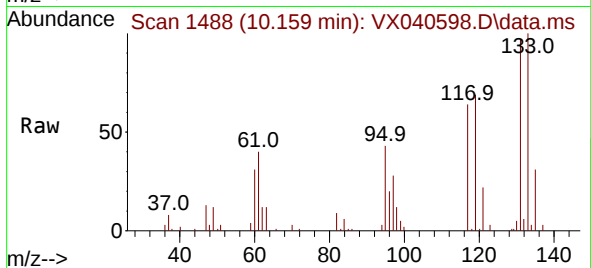
Tgt Ion:112 Resp: 46477
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.570 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

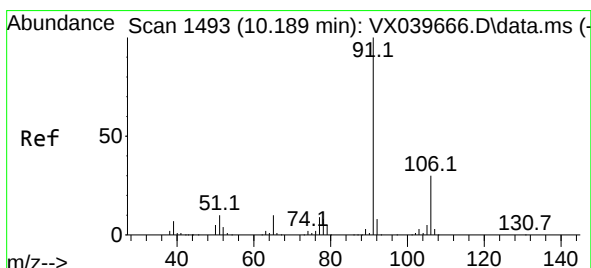
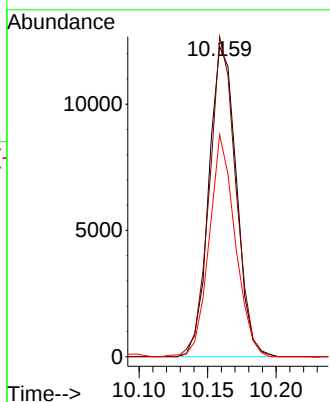
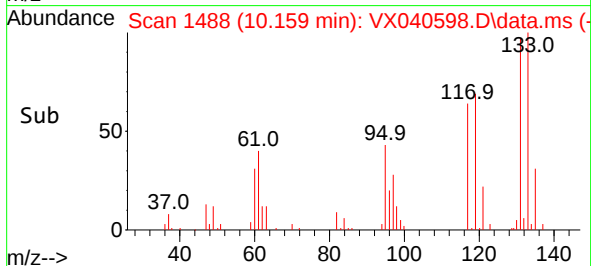
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 17160
Ion Ratio Lower Upper
131 100
133 98.4 0.0 191.8
119 67.2 0.0 135.4

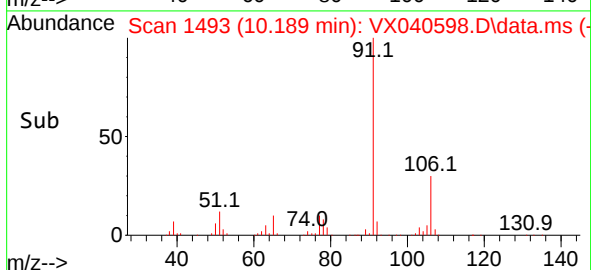
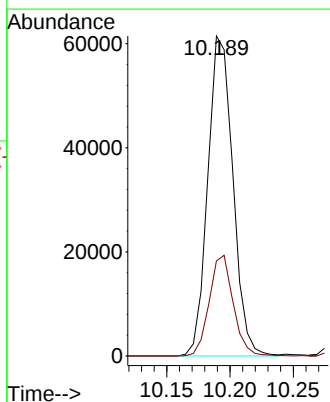
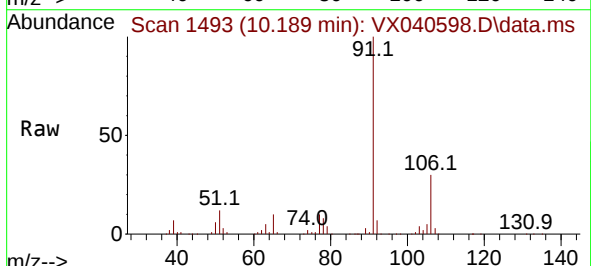
Manual Integrations
APPROVED

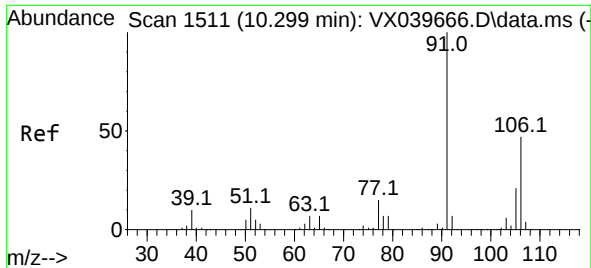
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
Ethyl Benzene
Concen: 19.574 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 91 Resp: 84889
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6





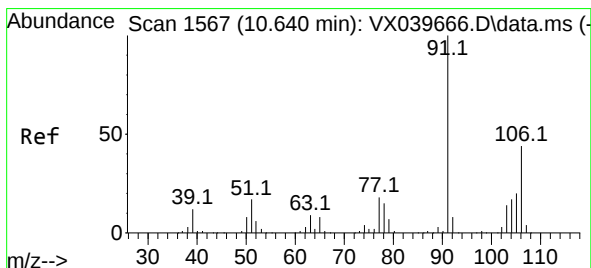
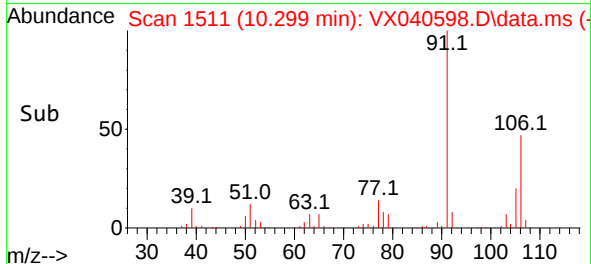
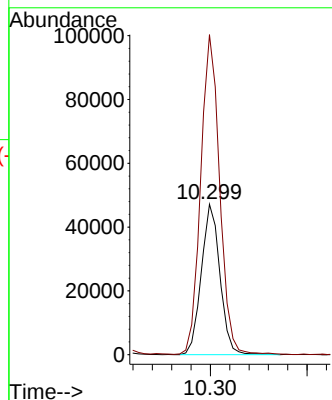
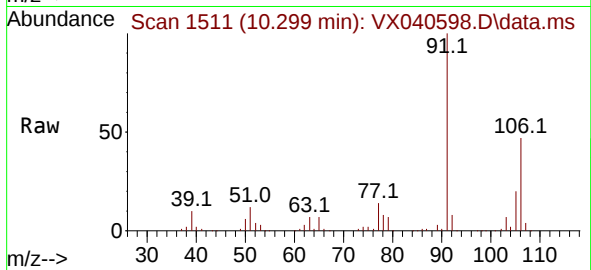
#67
m/p-Xylenes
Concen: 39.517 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 63285
Ion Ratio Lower Upper
106 100
91 216.8 169.4 254.0

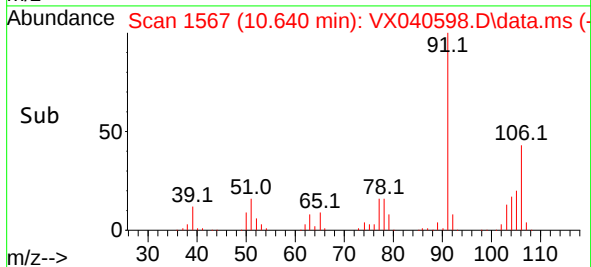
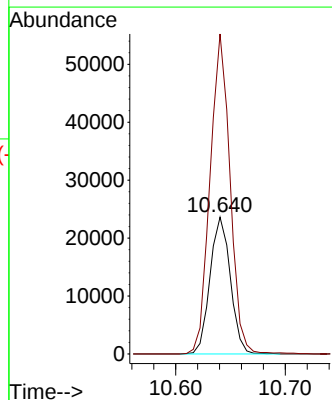
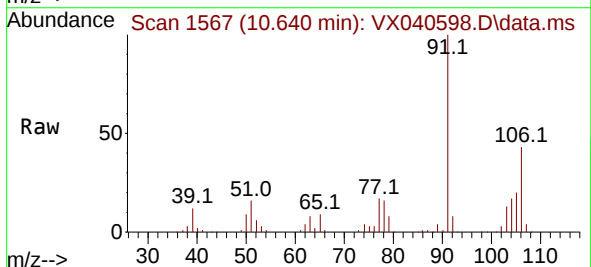
Manual Integrations
APPROVED

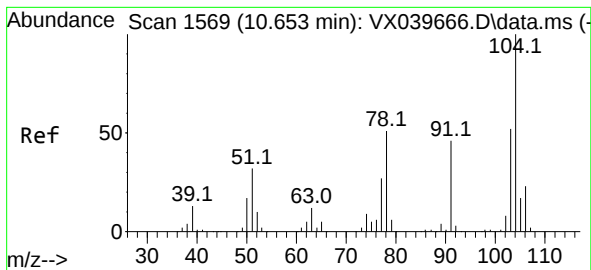
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#68
o-Xylene
Concen: 19.800 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion:106 Resp: 30525
Ion Ratio Lower Upper
106 100
91 228.9 111.2 333.6





#69

Styrene

Concen: 19.854 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

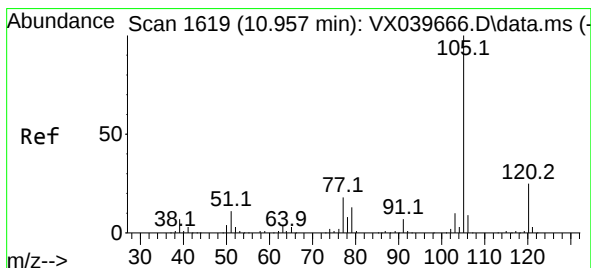
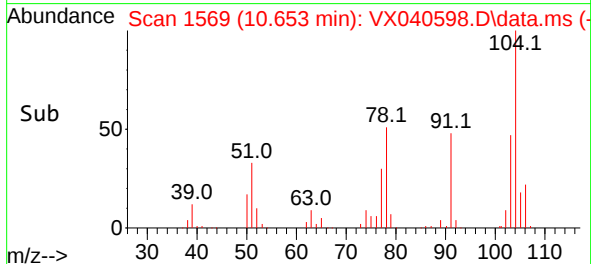
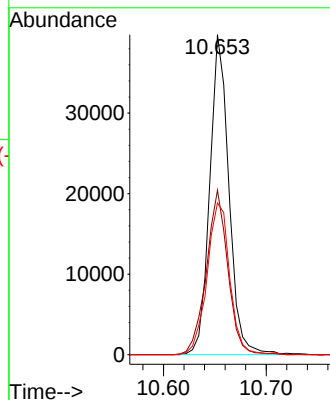
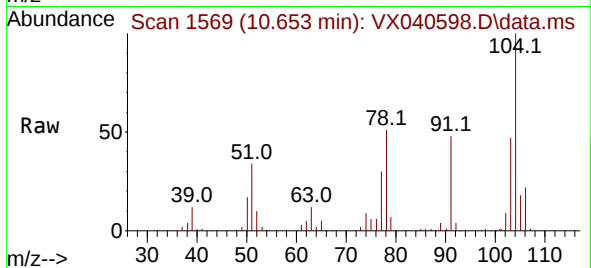
Tgt Ion:104 Resp: 5142
 Ion Ratio Lower Upper
 104 100
 78 57.8 43.7 65.5
 103 56.1 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#70

Isopropylbenzene

Concen: 18.316 ug/l

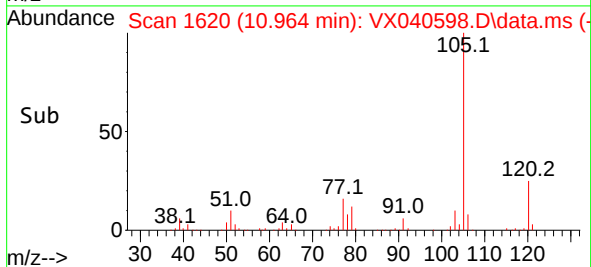
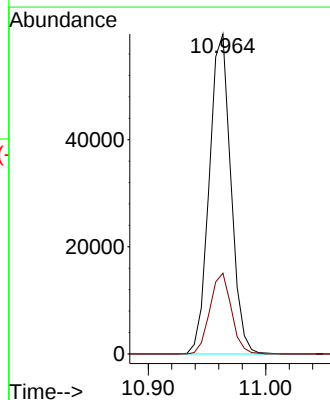
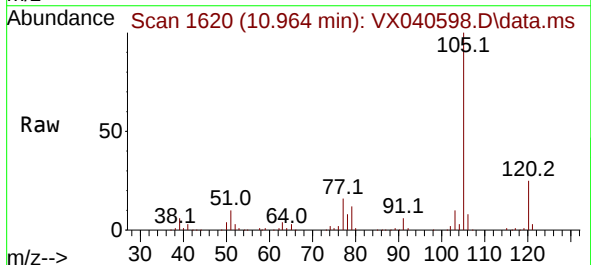
RT: 10.964 min Scan# 1620

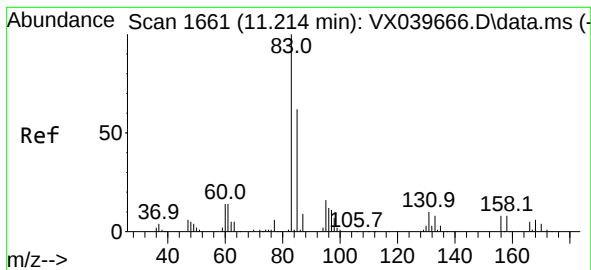
Delta R.T. 0.006 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Tgt Ion:105 Resp: 76299
 Ion Ratio Lower Upper
 105 100
 120 25.1 18.5 34.3





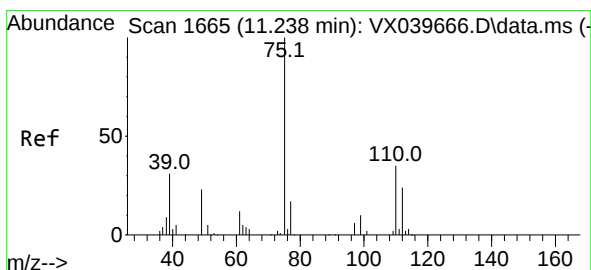
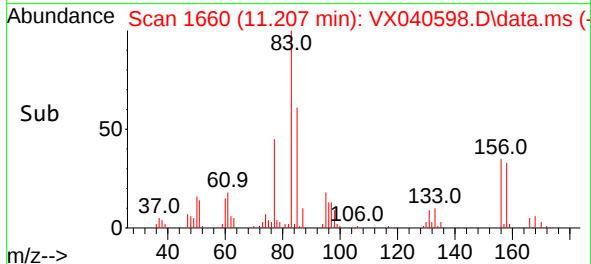
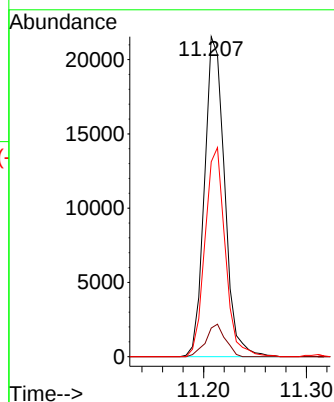
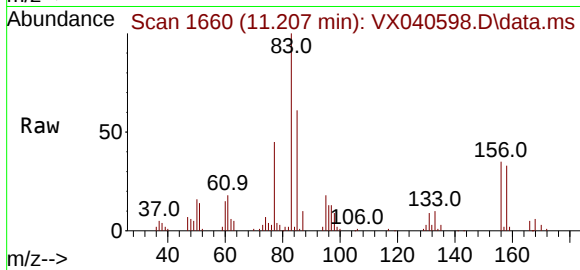
#71
1,1,2,2-Tetrachloroethane
Concen: 20.057 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 2929
Ion Ratio Lower Upper
83 100
131 9.8 4.6 13.8
85 65.7 32.5 97.4

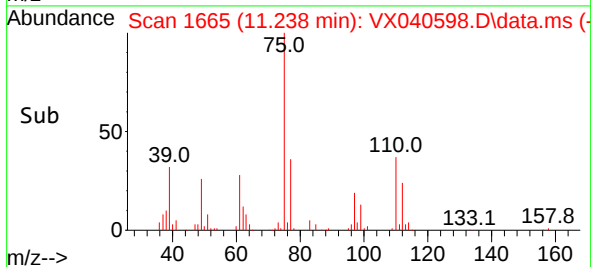
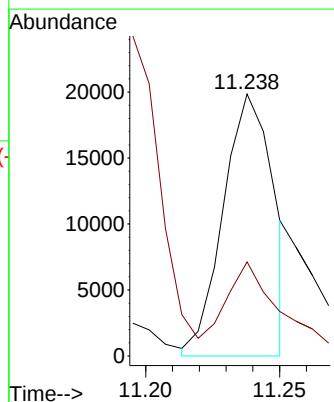
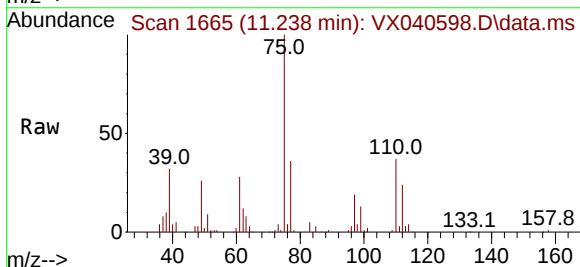
Manual Integrations
APPROVED

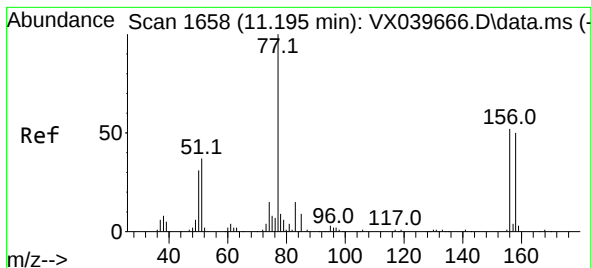
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#72
1,2,3-Trichloropropane
Concen: 19.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Tgt Ion: 75 Resp: 25944
Ion Ratio Lower Upper
75 100
77 40.8 0.0 76.4





#73

Bromobenzene

Concen: 18.829 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

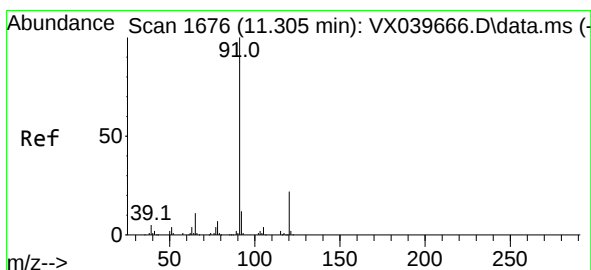
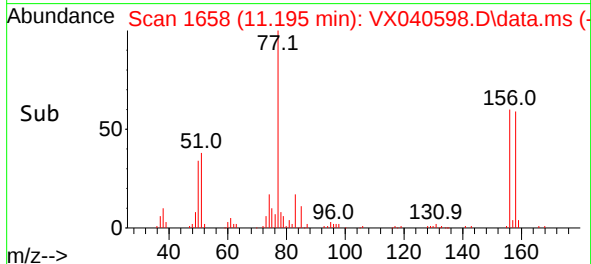
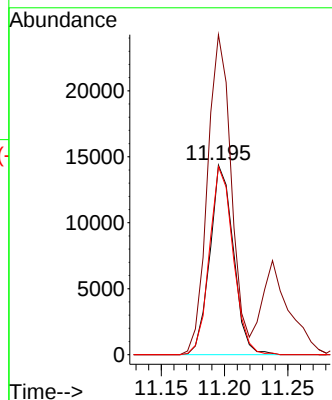
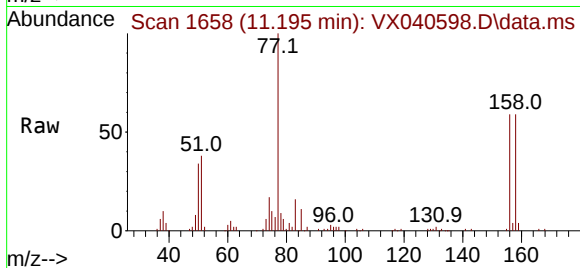
Tgt Ion:	156	Resp:	1856
Ion Ratio	Lower	Upper	
156	100		
77	171.4	0.0	363.2
158	100.2	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#74

n-propylbenzene

Concen: 18.125 ug/l

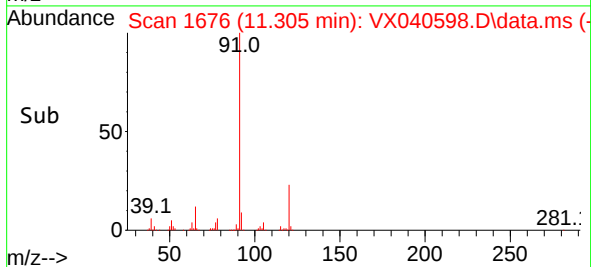
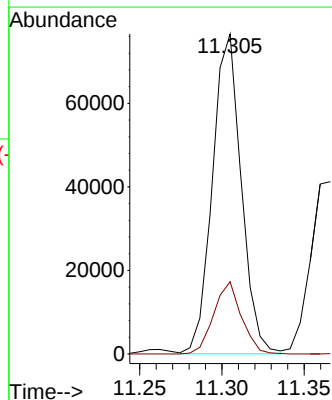
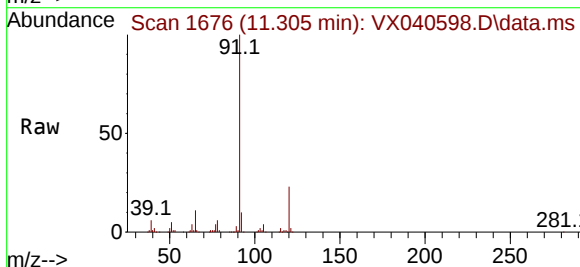
RT: 11.305 min Scan# 1676

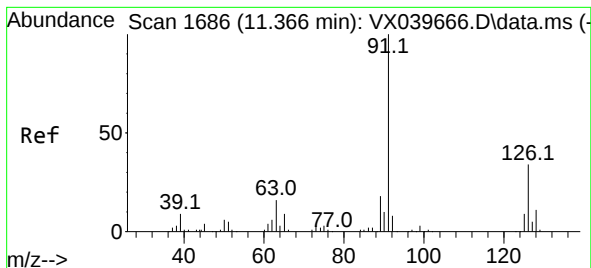
Delta R.T. -0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Tgt Ion:	91	Resp:	93250
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	43.4





#75

2-Chlorotoluene

Concen: 17.885 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040598.D

Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 5460

Ion Ratio Lower Upper

91 100

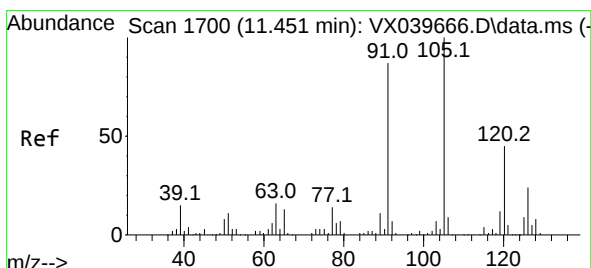
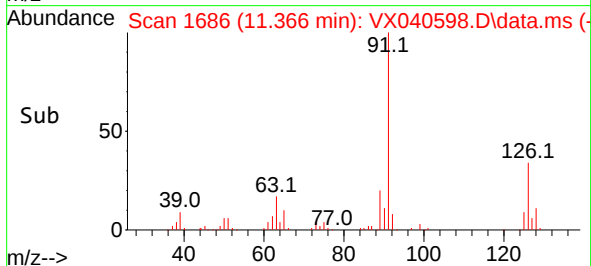
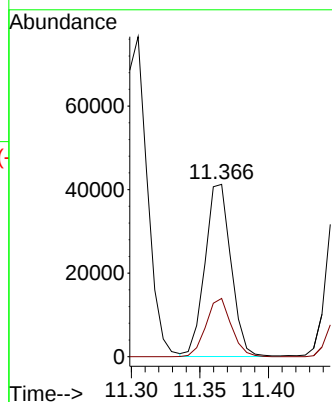
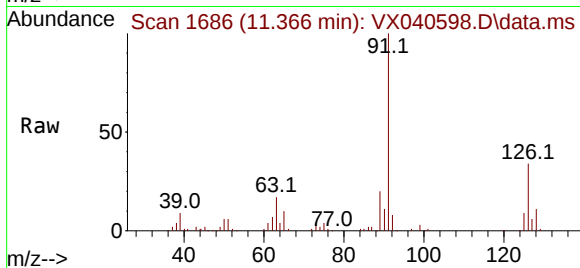
126 32.8 0.0 64.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#76

1,3,5-Trimethylbenzene

Concen: 18.351 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040598.D

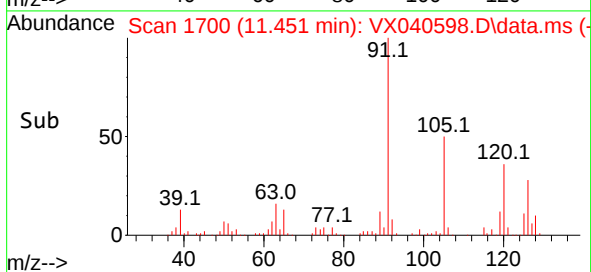
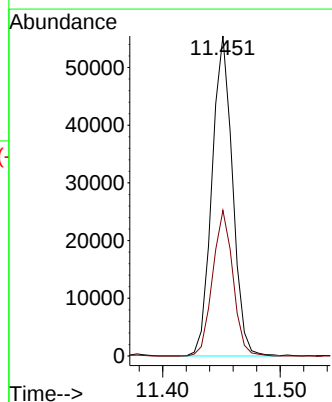
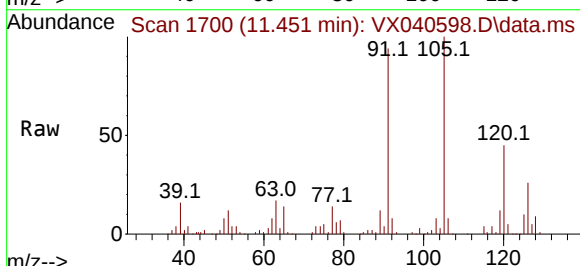
Acq: 06 Mar 2024 11:54

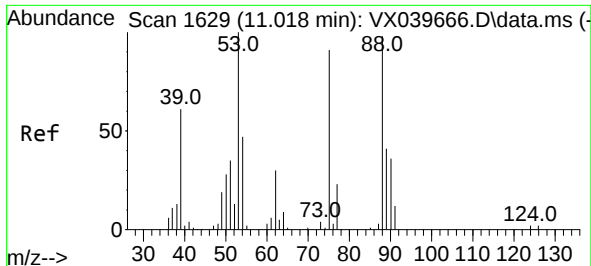
Tgt Ion:105 Resp: 67302

Ion Ratio Lower Upper

105 100

120 44.9 0.0 92.6





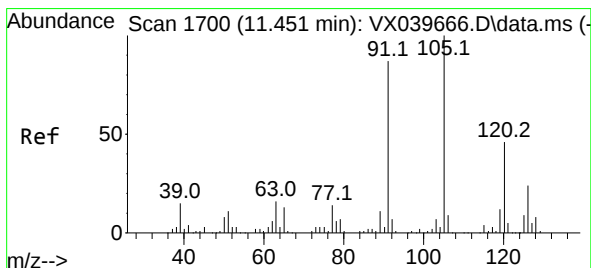
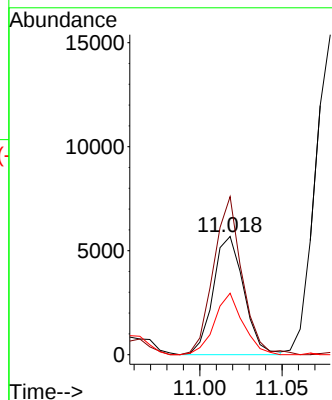
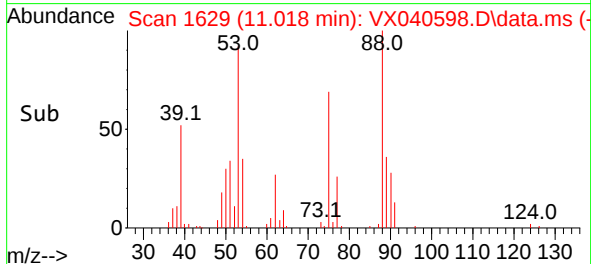
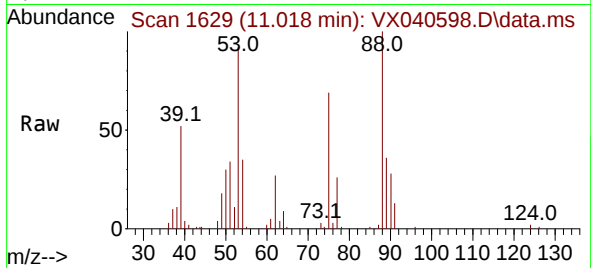
#77
t-1,4-Dichloro-2-butene
Concen: 18.094 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 7389
Ion Ratio Lower Upper
75 100
53 133.7 46.9 140.8
89 52.0 21.3 63.7

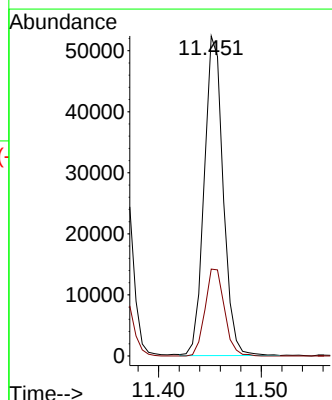
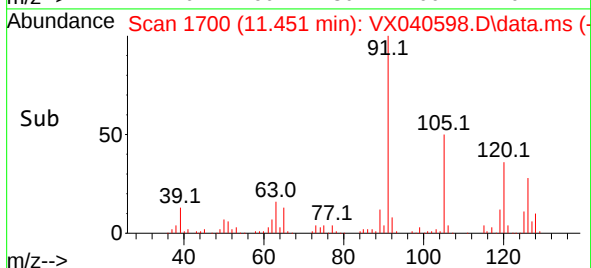
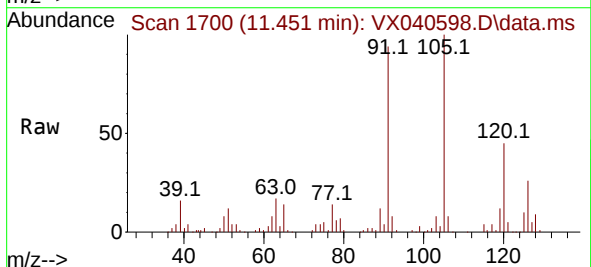
Manual Integrations
APPROVED

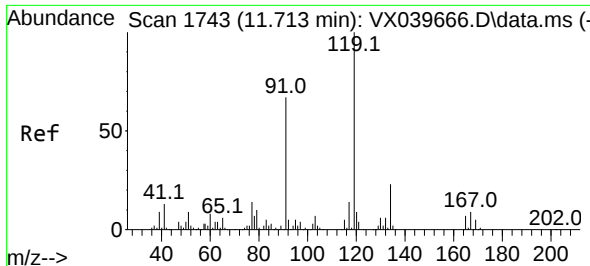
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#78
4-Chlorotoluene
Concen: 18.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

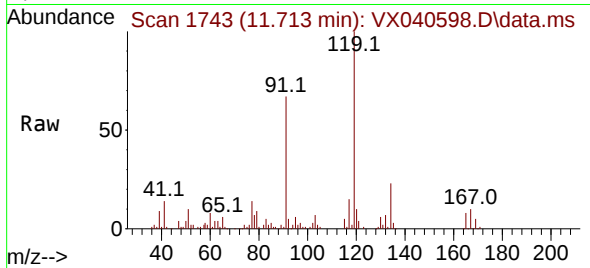
Tgt Ion: 91 Resp: 67083
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.4





#79
tert-butylbenzene
Concen: 19.339 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

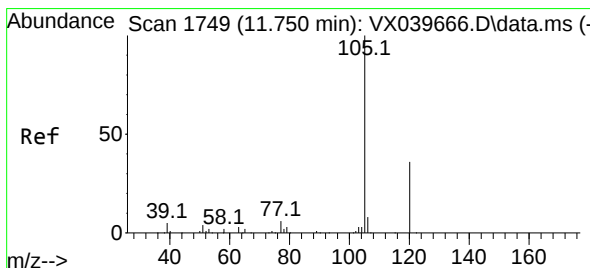
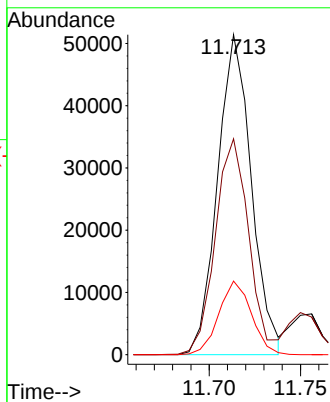
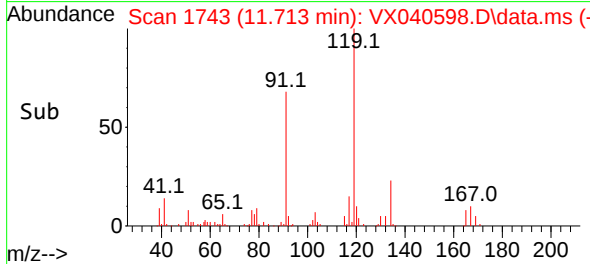
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 6619
Ion Ratio Lower Upper
119 100
91 65.8 0.0 125.6
134 22.2 0.0 43.8

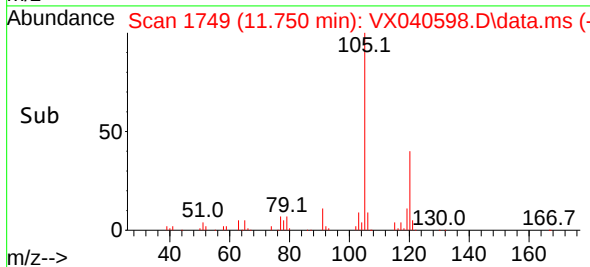
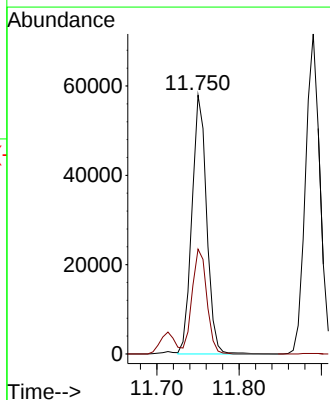
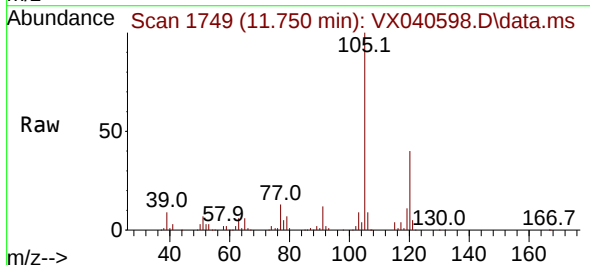
Manual Integrations
APPROVED

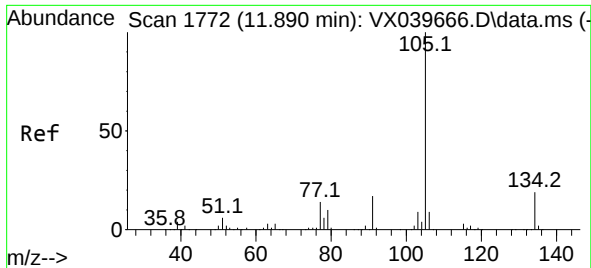
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.945 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

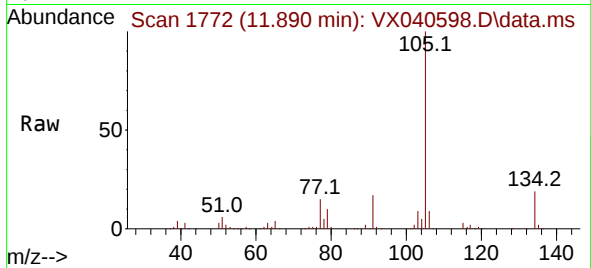
Tgt Ion:105 Resp: 72070
Ion Ratio Lower Upper
105 100
120 40.2 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.340 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040598.D
 Acq: 06 Mar 2024 11:54

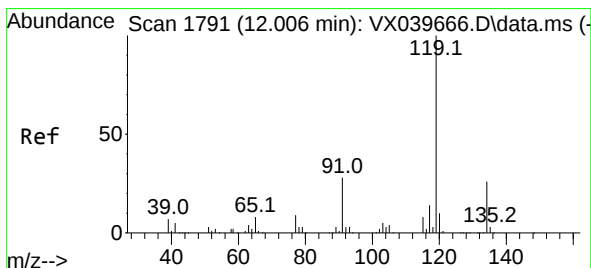
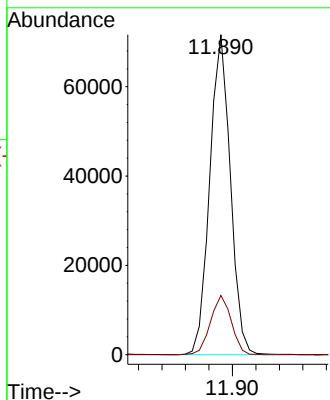
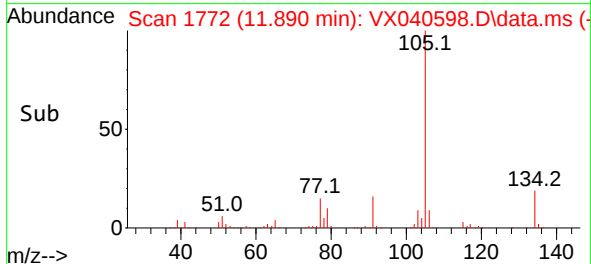
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



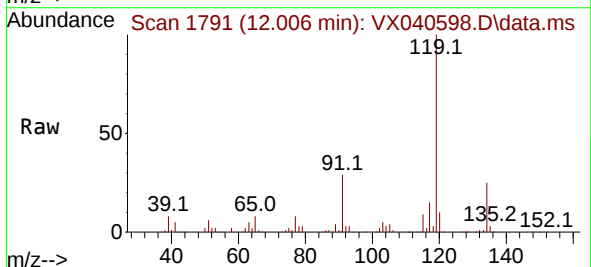
Tgt Ion:105 Resp: 87404
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4

Manual Integrations
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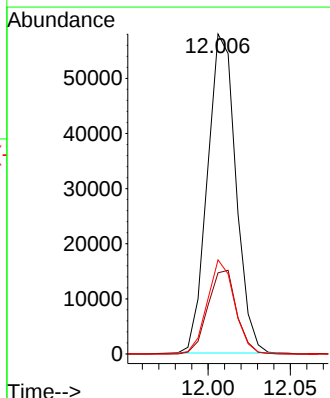
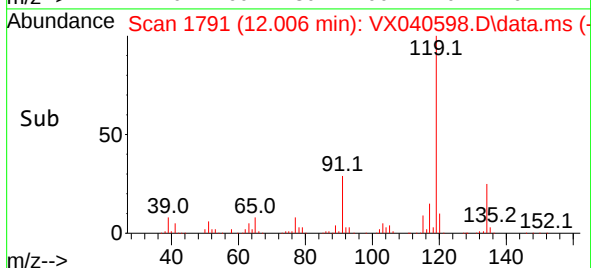
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

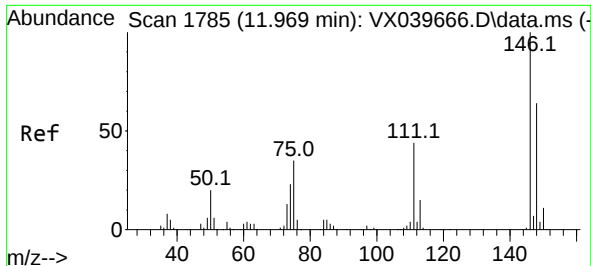


#82
 p-Isopropyltoluene
 Concen: 18.873 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040598.D
 Acq: 06 Mar 2024 11:54



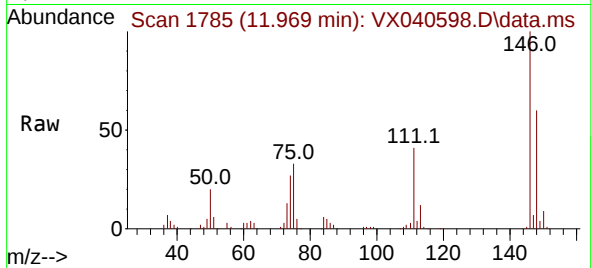
Tgt Ion:119 Resp: 69816
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 28.2 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 20.379 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

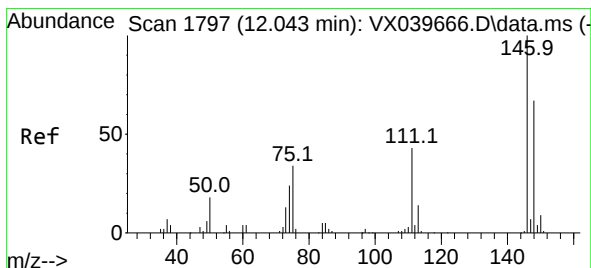
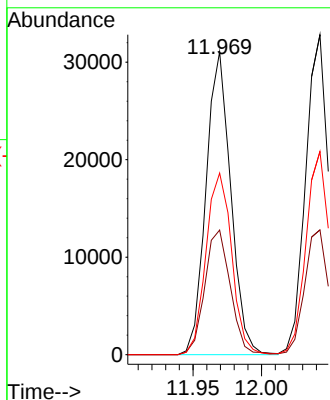
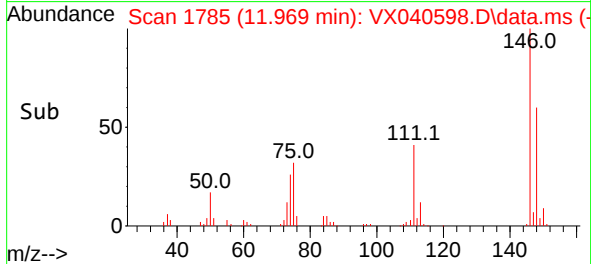
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



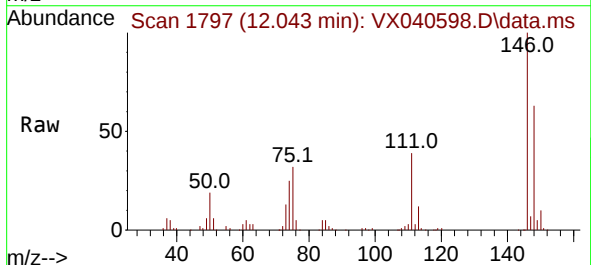
Tgt Ion:146 Resp: 39100
Ion Ratio Lower Upper
146 100
111 42.6 22.3 66.9
148 62.3 32.8 98.3

Manual Integrations
APPROVED

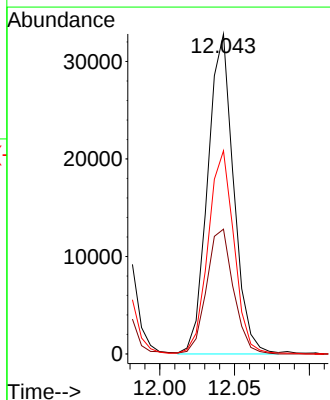
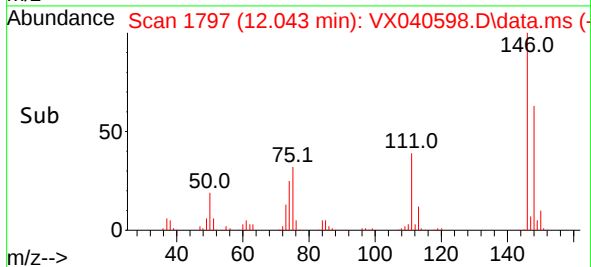
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

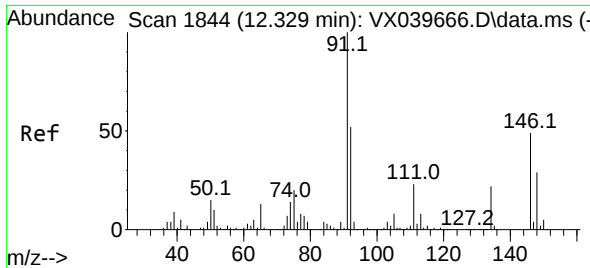


#84
1,4-Dichlorobenzene
Concen: 20.192 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54



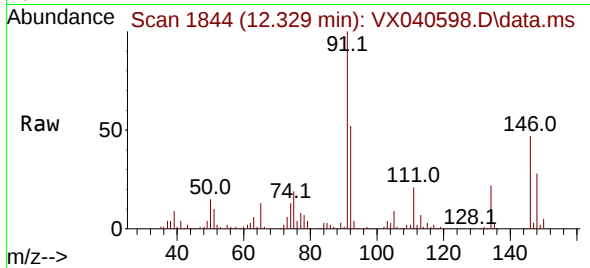
Tgt Ion:146 Resp: 39624
Ion Ratio Lower Upper
146 100
111 40.3 21.4 64.2
148 63.7 31.8 95.4





#85
n-Butylbenzene
Concen: 18.833 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

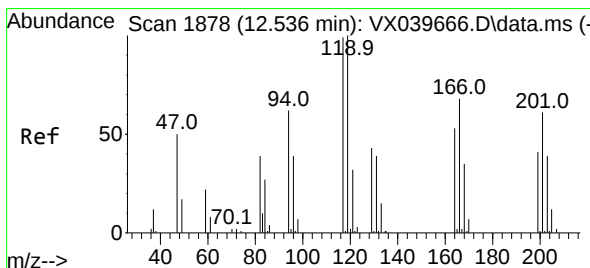
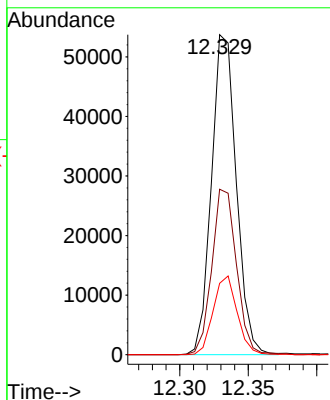
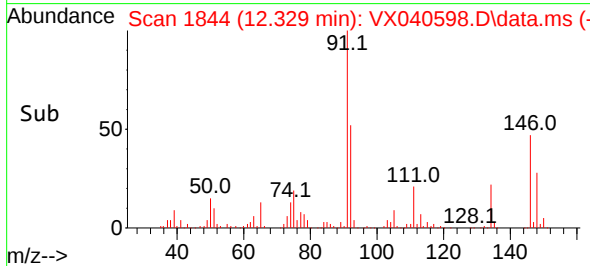
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 67789
Ion Ratio Lower Upper
91 100
92 51.4 0.0 106.2
134 23.7 0.0 48.8

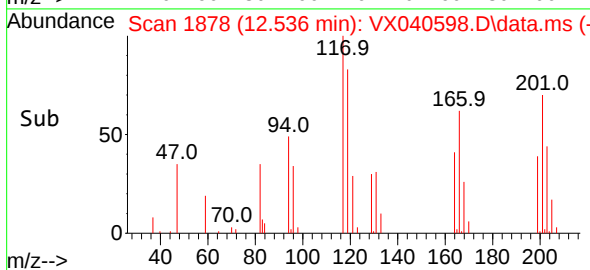
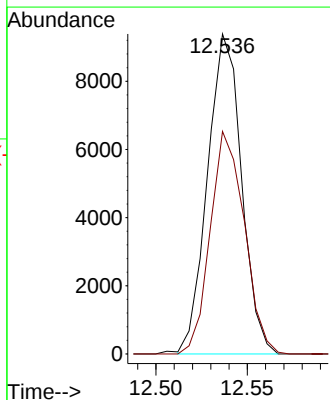
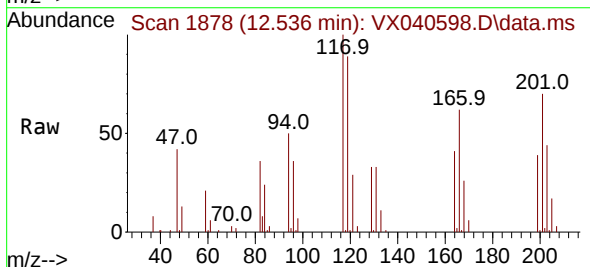
Manual Integrations
APPROVED

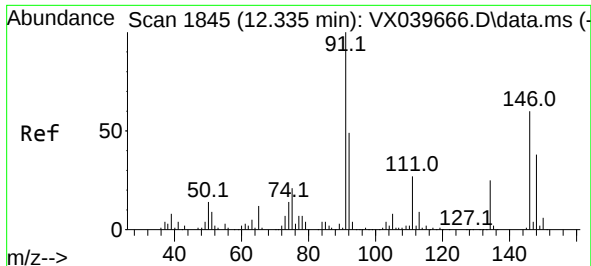
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#86
Hexachloroethane
Concen: 18.851 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

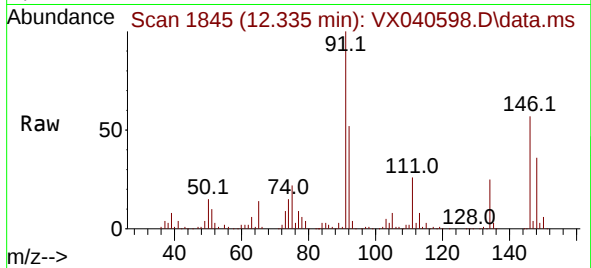
Tgt Ion:117 Resp: 12168
Ion Ratio Lower Upper
117 100
201 69.7 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.971 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

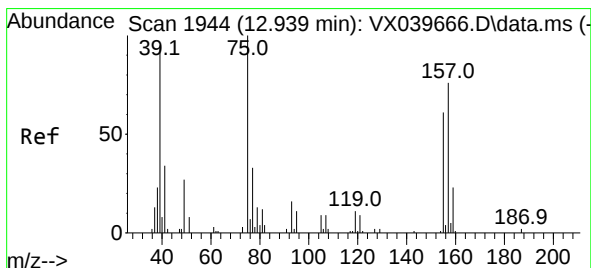
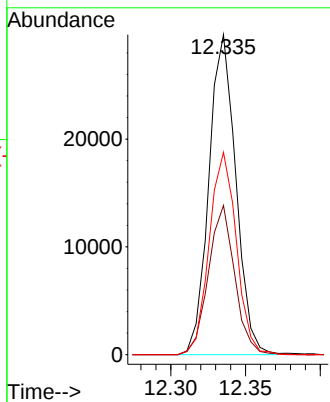
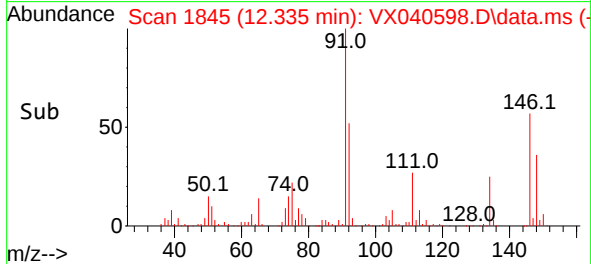
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



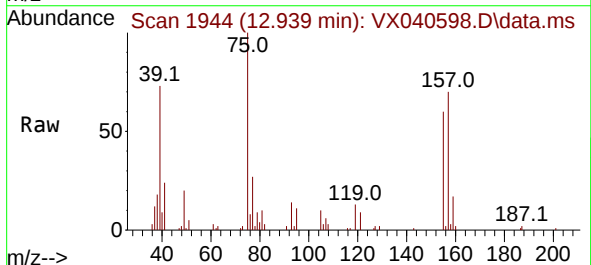
Tgt Ion:146 Resp: 37240
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.2
148 63.6 31.9 95.7

Manual Integrations
APPROVED

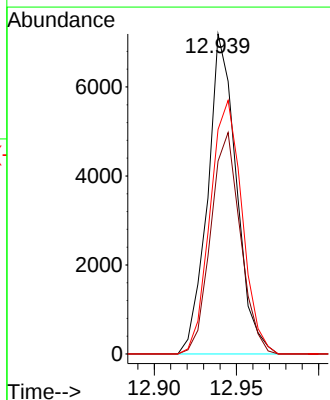
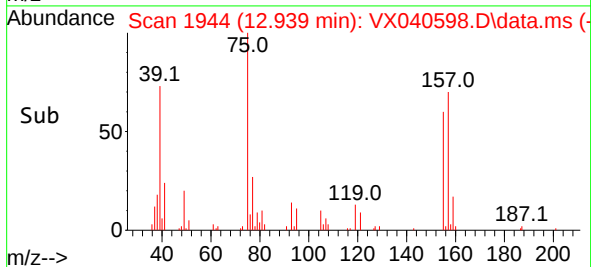
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

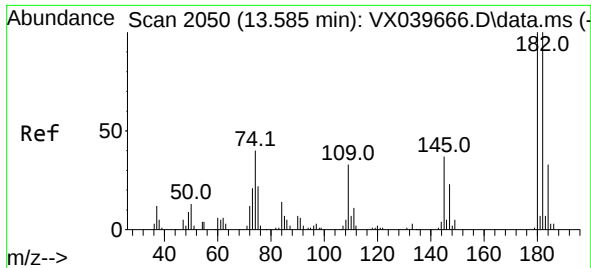


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.413 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54



Tgt Ion: 75 Resp: 8752
Ion Ratio Lower Upper
75 100
155 71.4 58.2 87.4
157 87.9 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.576 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

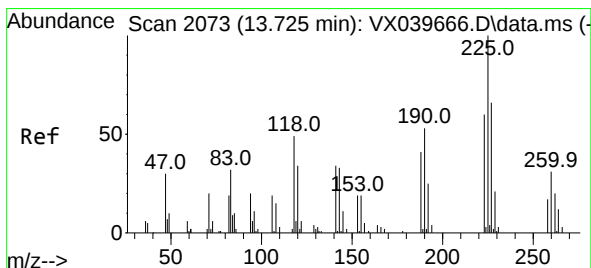
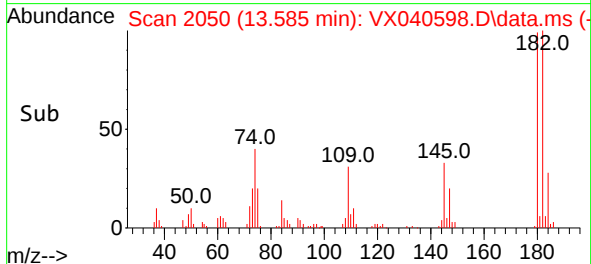
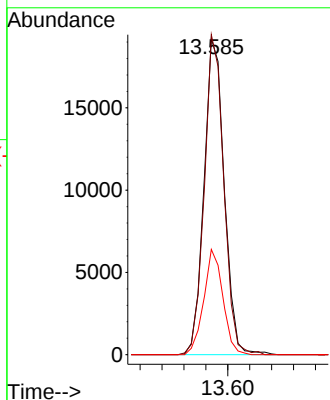
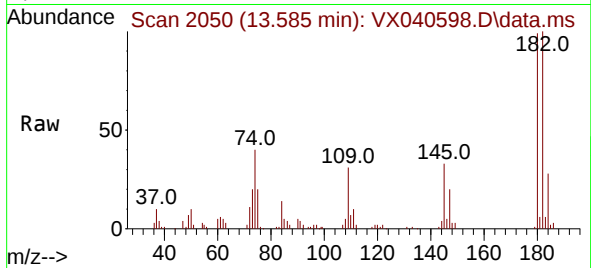
Tgt Ion:180 Resp: 24579
Ion Ratio Lower Upper
180 100
182 97.2 74.5 111.7
145 31.5 26.6 40.0

Manual Integrations

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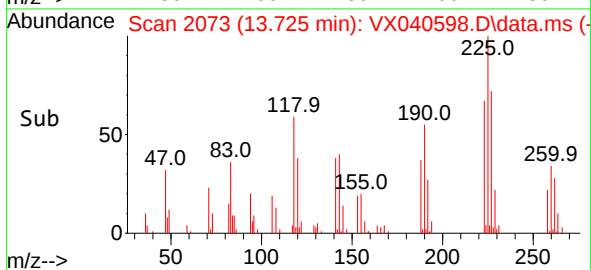
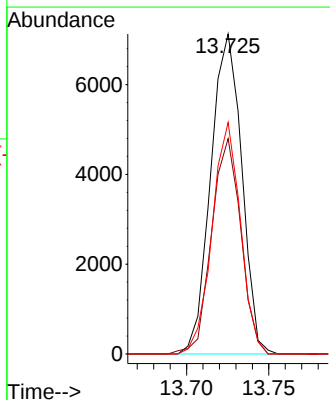
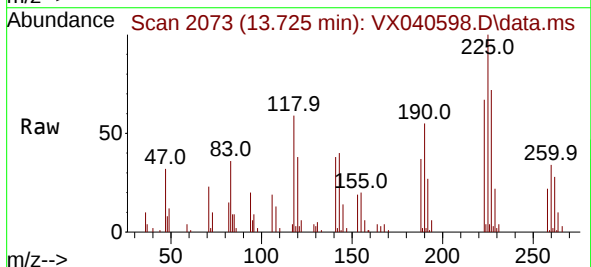
Reviewed By :John Carlone 03/07/2024

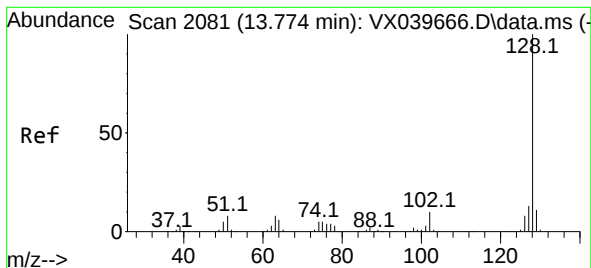
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachlorobutadiene
Concen: 18.390 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

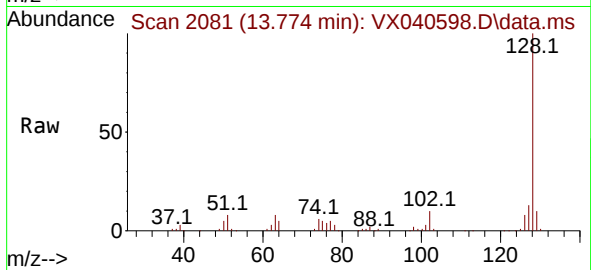
Tgt Ion:225 Resp: 9336
Ion Ratio Lower Upper
225 100
223 63.4 0.0 124.4
227 66.2 0.0 124.4





#91
Naphthalene
Concen: 20.276 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54

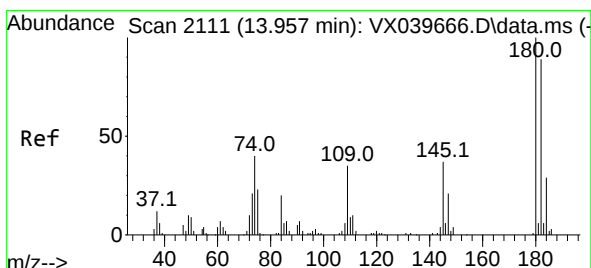
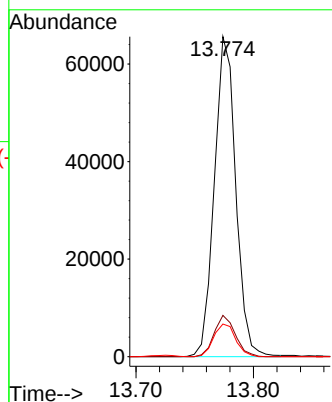
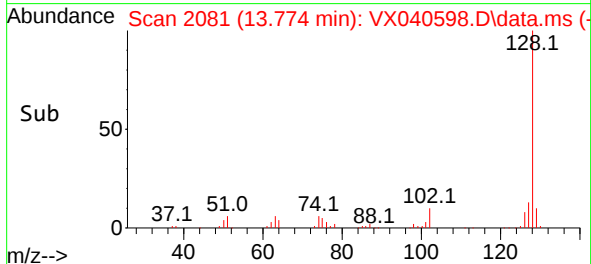
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



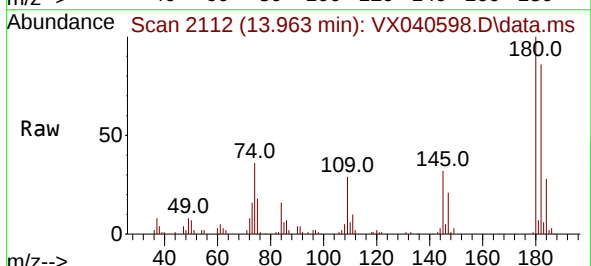
Tgt Ion:128 Resp: 8303
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.459 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040598.D
Acq: 06 Mar 2024 11:54



Tgt Ion:180 Resp: 24090
Ion Ratio Lower Upper
180 100
182 94.6 0.0 191.6
145 34.8 0.0 69.6

