

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040838.D
 Acq On : 29 Mar 2024 15:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 29 23:00:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	3480m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	28146	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	35127	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	18052	30.267	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.900%			
60) 4-Bromofluorobenzene	11.079	95	23342	30.419	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.400%			
63) Toluene-d8	8.647	98	42067	30.548	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.833%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11996	19.690	ug/l	98
3) Chloromethane	1.300	50	11211	20.158	ug/l	97
4) Vinyl Chloride	1.374	62	12364	21.573	ug/l	94
5) Bromomethane	1.611	94	9288	25.655	ug/l	97
6) Chloroethane	1.691	64	7407	20.434	ug/l	98
7) Trichlorofluoromethane	1.892	101	19154	19.275	ug/l	98
8) Diethyl Ether	2.130	74	5558	17.939	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	10833	19.487	ug/l	95
10) 1,1-Dichloroethene	2.319	96	10273	19.718	ug/l	88
11) Methyl Iodide	2.453	142	12771	17.933	ug/l	100
12) Methyl Acetate	2.697	43	14374	19.218	ug/l	94
13) Acrolein	2.233	56	6768	82.598	ug/l	96
14) Acrylonitrile	3.056	53	31863	97.850	ug/l	97
15) Acetone	2.380	58	8443	91.430	ug/l	82
16) Carbon Disulfide	2.514	76	29209	19.961	ug/l	100
17) Allyl chloride	2.666	41	18355	19.190	ug/l	87
18) Methylene Chloride	2.788	84	10957	19.545	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	11062	20.317	ug/l	98
20) Diisopropyl ether	3.751	45	36097	19.383	ug/l	88
21) 1,1-Dichloroethane	3.605	63	20979	19.954	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	12948	20.241	ug/l	94
23) tert-Butyl Alcohol	2.953	59	14938	98.891	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	36875	19.890	ug/l	95
25) Chloroform	5.086	83	22895	20.091	ug/l	100
26) Cyclohexane	5.464	56	17078	19.541	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	15493	19.727	ug/l	87
30) 2-Butanone	4.544	43	47403	95.392	ug/l	97
31) 2,2-Dichloropropane	4.471	77	17401	18.760	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	19907	19.197	ug/l	97
33) Carbon Tetrachloride	5.666	117	17541	19.597	ug/l	95
34) Benzene	6.031	78	44450	19.730	ug/l	98
35) Methacrylonitrile	4.910	41	9714	18.471	ug/l	97
36) 1,2-Dichloroethane	6.080	62	19110	19.522	ug/l	96
37) Trichloroethene	7.123	130	11012	19.786	ug/l	95
38) Methylcyclohexane	7.373	83	17531	18.907	ug/l	94
39) 1,2-Dichloropropane	7.427	63	10896	20.357	ug/l	99
40) Dibromomethane	7.574	93	9086	20.473	ug/l	98
41) Bromodichloromethane	7.818	83	18309	20.321	ug/l	96
42) Vinyl Acetate	3.715	43	175587	95.597	ug/l	100

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Instrument :
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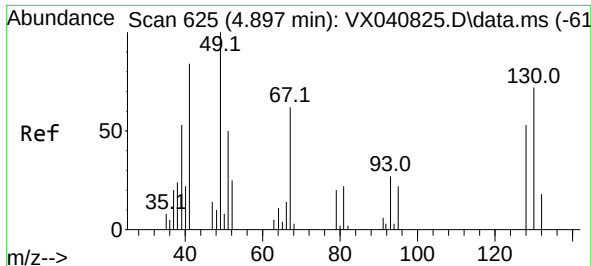
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 29 23:00:01 2024
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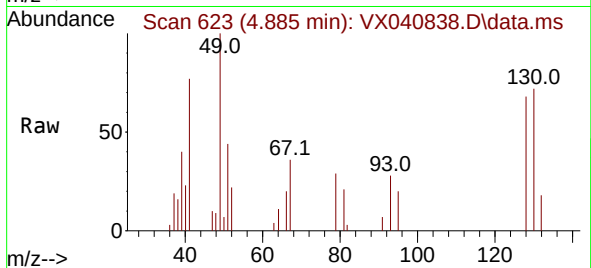
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	18860	19.500	ug/l	100
44) Isopropyl Acetate	6.336	43	29241	18.923	ug/l	95
45) 1,4-Dioxane	7.653	88	6144	424.614	ug/l	93
46) Methyl methacrylate	7.690	41	14899	20.026	ug/l	88
47) n-amyl Acetate	10.841	43	27141	19.505	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	16910	18.919	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	18014	19.509	ug/l	91
50) 1,1,2-Trichloroethane	9.147	97	11195	20.569	ug/l	92
51) Ethyl methacrylate	9.110	69	18565	19.530	ug/l	92
52) 1,3-Dichloropropane	9.305	76	18990	20.300	ug/l	99
53) Dibromochloromethane	9.518	129	12877	19.746	ug/l	96
54) 1,2-Dibromoethane	9.610	107	11683	19.394	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	49304	106.038	ug/l	99
56) Bromoform	10.799	173	8885	19.597	ug/l #	96
58) 4-Methyl-2-Pentanone	8.567	43	99520	100.314	ug/l	97
59) 2-Hexanone	9.427	43	75958	96.072	ug/l	95
61) Tetrachloroethene	9.269	164	9507	20.190	ug/l	97
62) Toluene	8.714	91	49513	20.841	ug/l	97
64) Chlorobenzene	10.079	112	31085	20.240	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	11362	21.110	ug/l	93
66) Ethyl Benzene	10.189	91	57535	20.603	ug/l	97
67) m/p-Xylenes	10.299	106	40802	39.799	ug/l	94
68) o-Xylene	10.640	106	19846	20.549	ug/l	95
69) Styrene	10.652	104	33655	20.083	ug/l	97
70) Isopropylbenzene	10.957	105	53687	20.406	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	17934	19.628	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	15910m	20.567	ug/l	
73) Bromobenzene	11.195	156	12854	20.489	ug/l	96
74) n-propylbenzene	11.299	91	67594	20.580	ug/l	100
75) 2-Chlorotoluene	11.360	91	40369	20.786	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	47384	20.813	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	5813	18.888	ug/l	87
78) 4-Chlorotoluene	11.451	91	47738	20.684	ug/l	98
79) tert-butylbenzene	11.713	119	44964	20.524	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	46571	20.642	ug/l	99
81) sec-Butylbenzene	11.890	105	57089	20.322	ug/l	98
82) p-Isopropyltoluene	12.006	119	48693	20.470	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	25066	20.577	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	25352	20.195	ug/l	99
85) n-Butylbenzene	12.329	91	42291	17.877	ug/l	99
86) Hexachloroethane	12.536	117	8195	19.391	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	22380	18.993	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	3852	16.380	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	14817	18.025	ug/l	96
90) Hexachlorobutadiene	13.725	225	6250	20.273	ug/l	99
91) Naphthalene	13.774	128	53744	19.548	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	15564	19.862	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.885 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

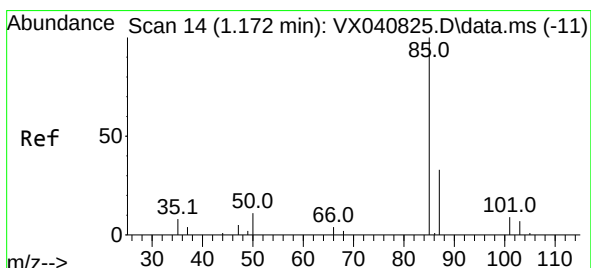
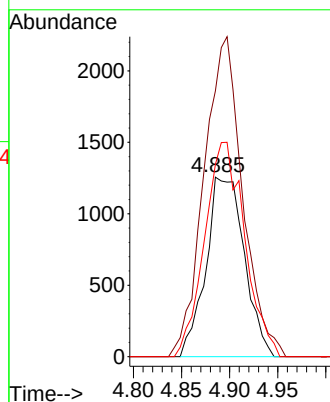
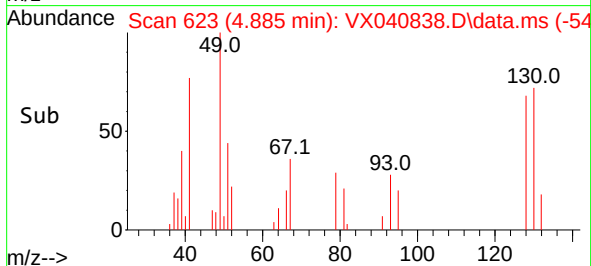
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 3480
Ion Ratio Lower Upper
128 100
49 179.3 0.0 444.0
130 124.9 0.0 297.8

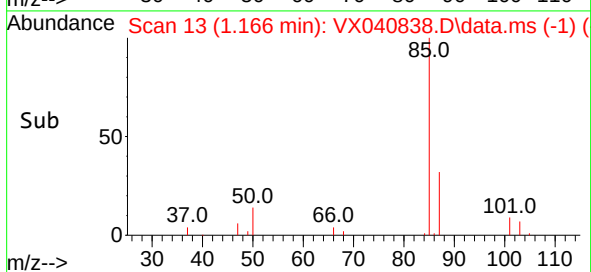
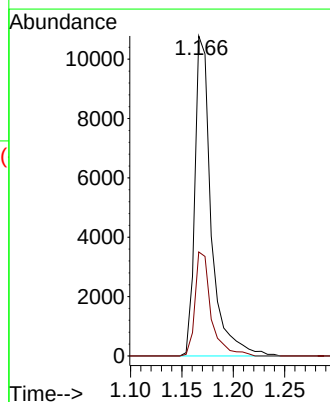
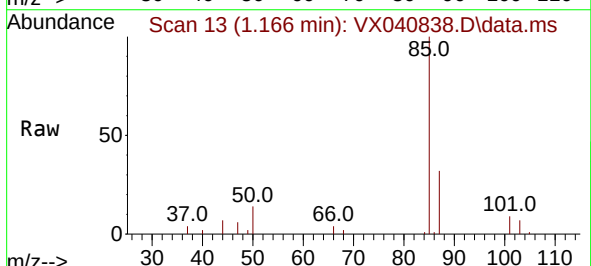
Manual Integrations
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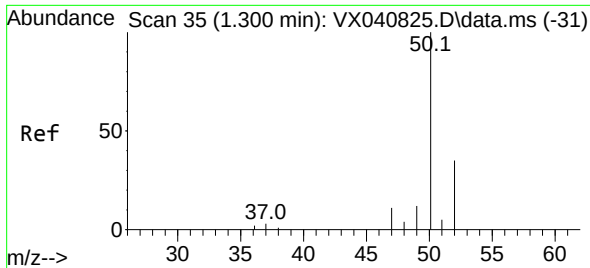
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#2
Dichlorodifluoromethane
Concen: 19.690 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 85 Resp: 11996
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





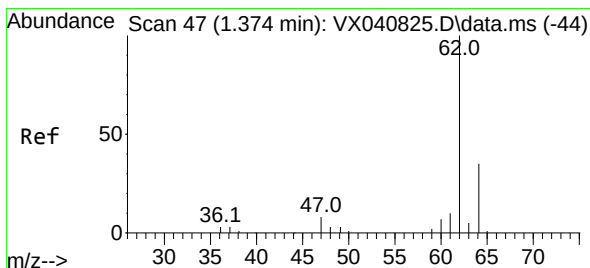
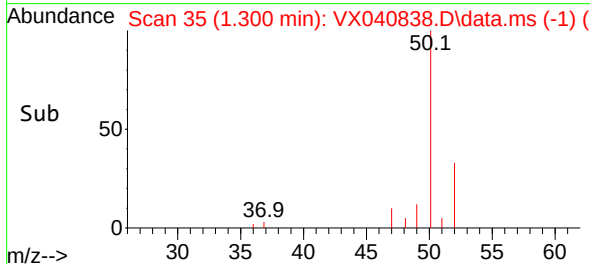
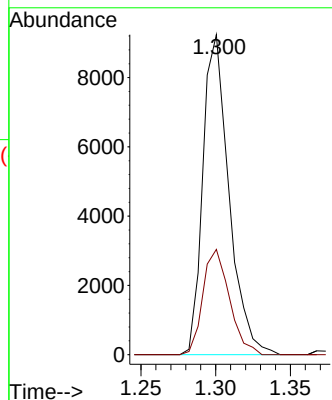
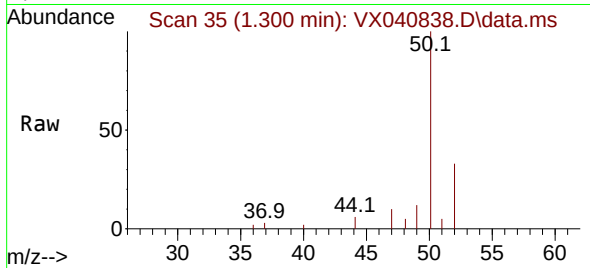
#3
Chloromethane
Concen: 20.158 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 1121
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8

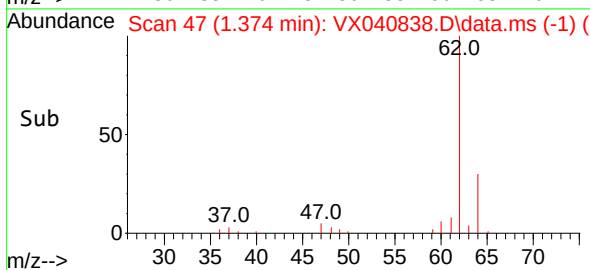
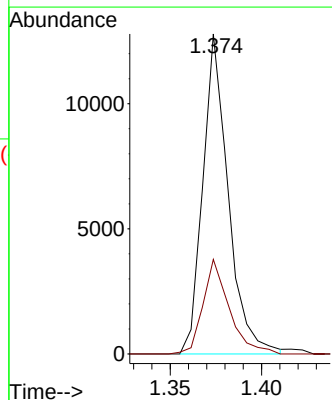
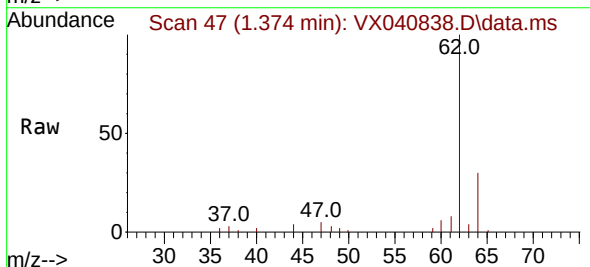
Manual Integrations
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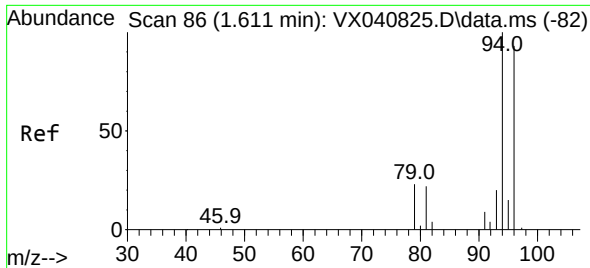
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#4
Vinyl Chloride
Concen: 21.573 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

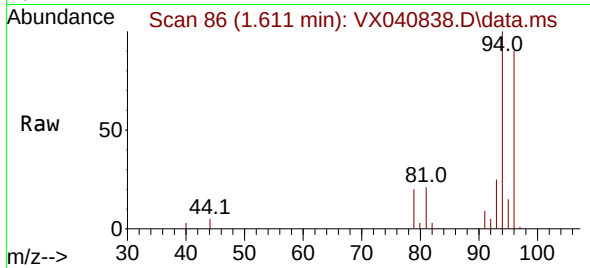
Tgt Ion: 62 Resp: 12364
Ion Ratio Lower Upper
62 100
64 29.6 26.3 39.5





#5
Bromomethane
Concen: 25.655 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

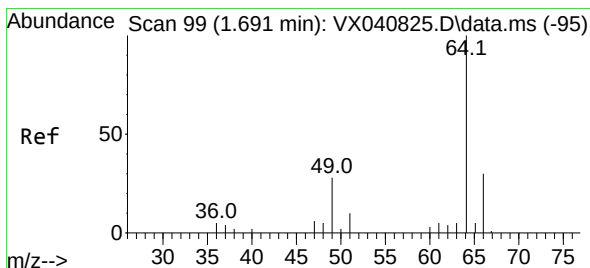
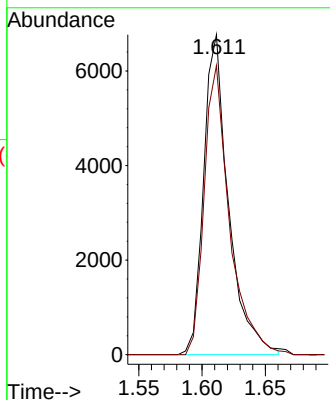
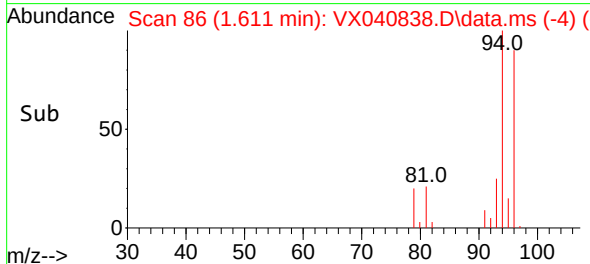
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



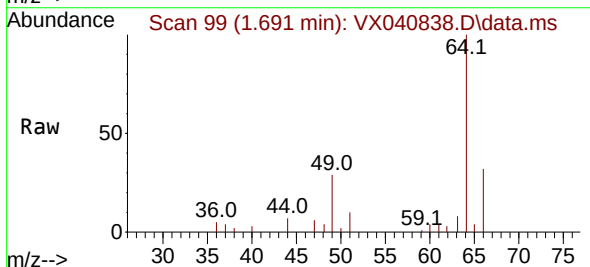
Tgt Ion: 94 Resp: 928
Ion Ratio Lower Upper
94 100
96 90.4 74.9 112.3

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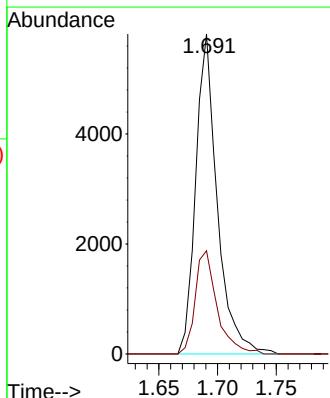
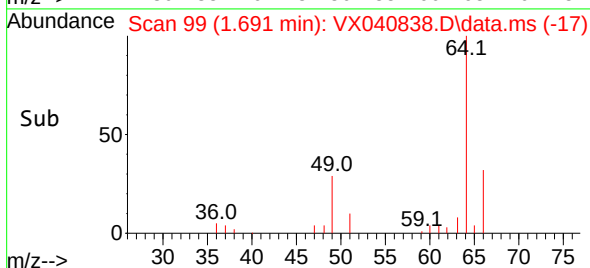
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Supervised By :Mahesh Dadoda 04/01/2024

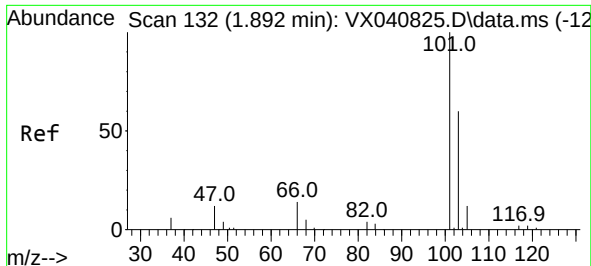


#6
Chloroethane
Concen: 20.434 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



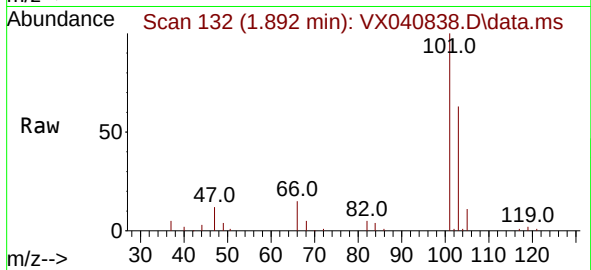
Tgt Ion: 64 Resp: 7407
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
Trichlorofluoromethane
Concen: 19.275 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

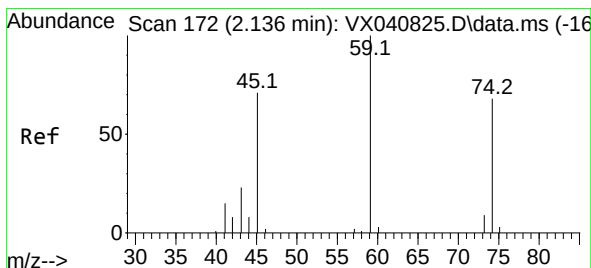
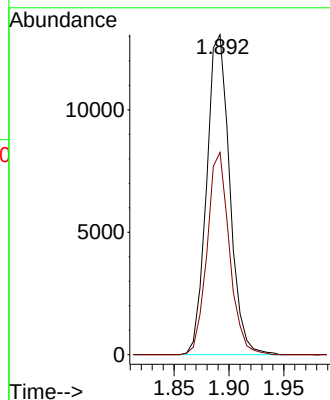
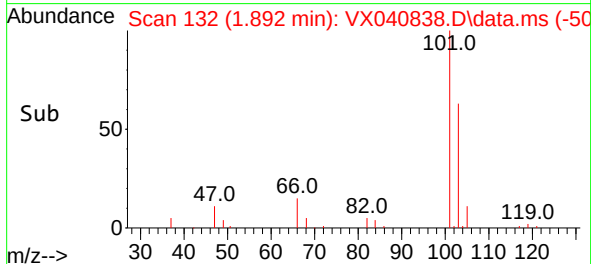
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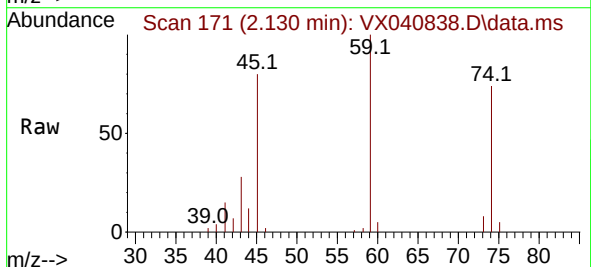
Tgt Ion:101 Resp: 19154
Ion Ratio Lower Upper
101 100
103 63.2 49.1 73.7

Manual Integrations
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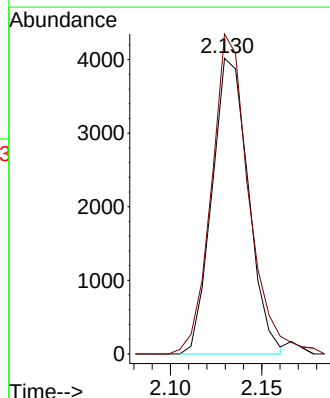
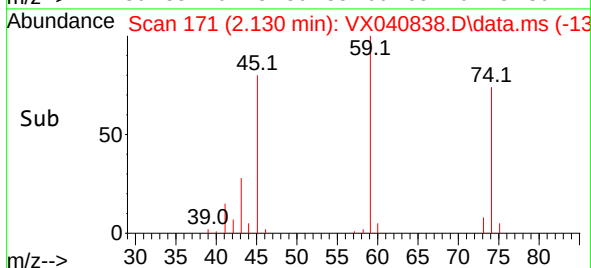
Reviewed By :John Carlone 04/01/2024
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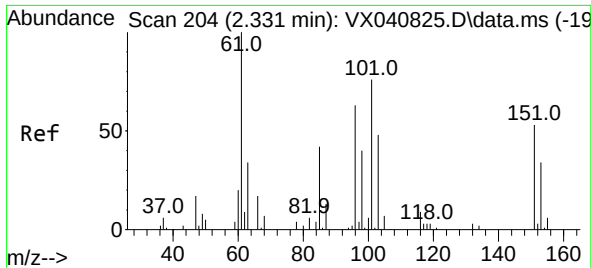


#8
Diethyl Ether
Concen: 17.939 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



Tgt Ion: 74 Resp: 5558
Ion Ratio Lower Upper
74 100
45 111.2 20.5 184.5





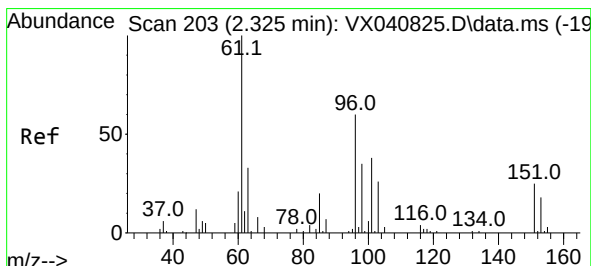
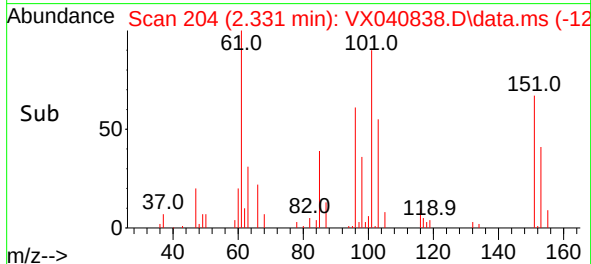
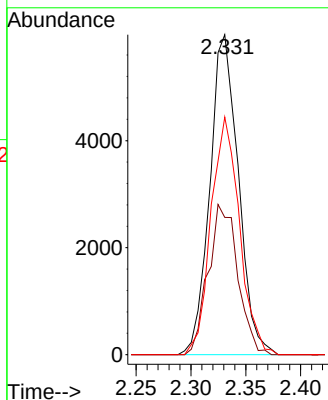
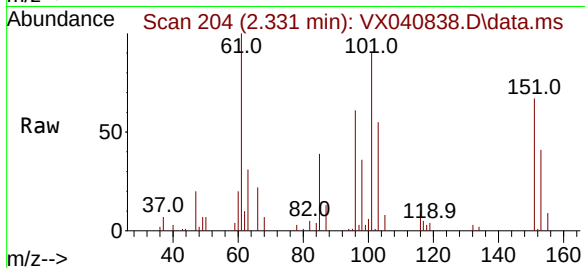
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.487 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 1083
Ion Ratio Lower Upper
101 100
85 48.5 0.0 95.2
151 74.2 0.0 136.8

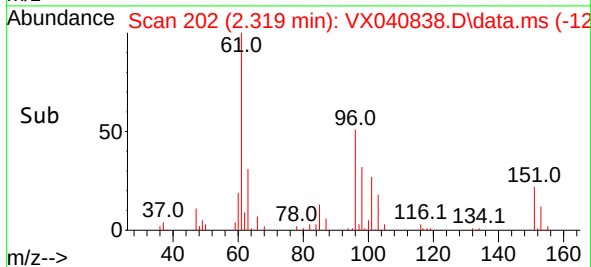
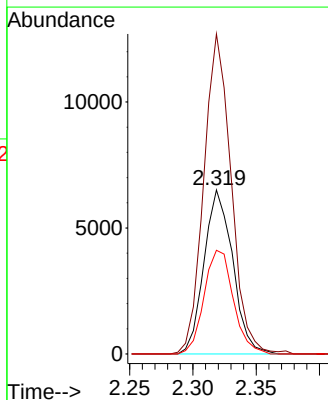
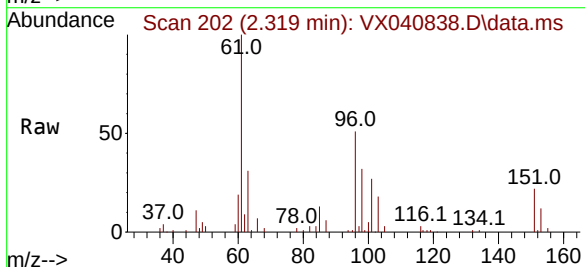
Manual Integrations
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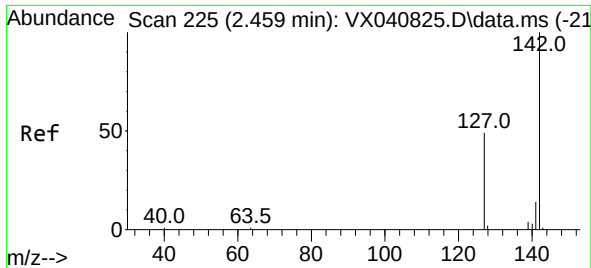
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#10
1,1-Dichloroethene
Concen: 19.718 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

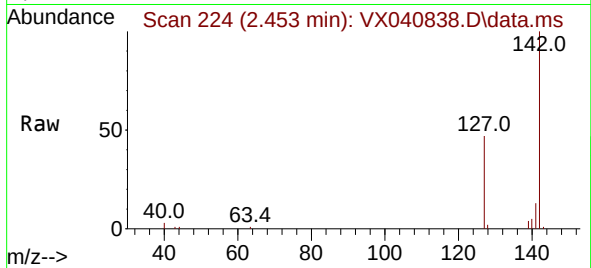
Tgt Ion: 96 Resp: 10273
Ion Ratio Lower Upper
96 100
61 194.1 138.3 207.5
98 63.3 49.8 74.6





#11
Methyl Iodide
Concen: 17.933 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

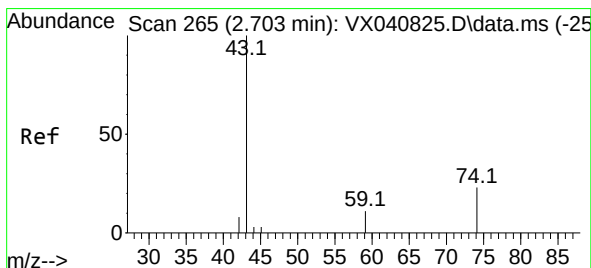
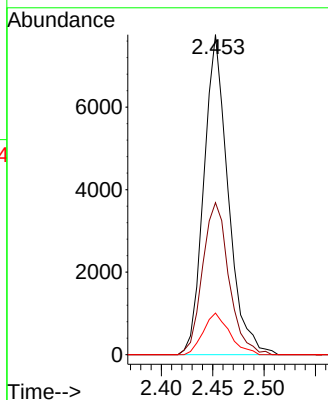
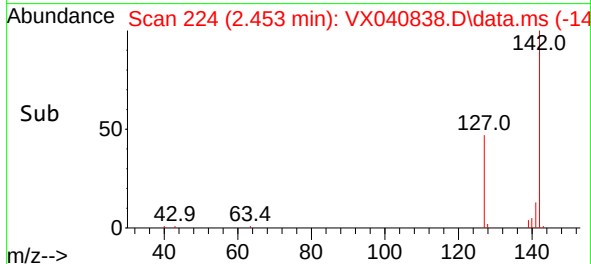
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 1277
Ion Ratio Lower Upper
142 100
127 47.5 23.8 71.4
141 13.0 6.9 20.6

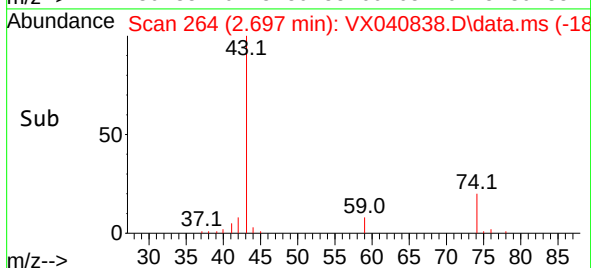
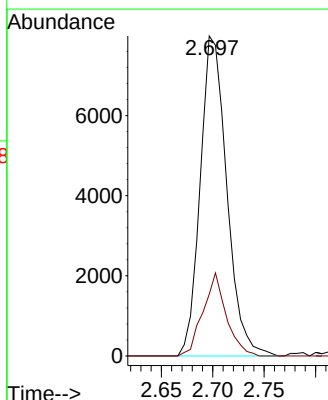
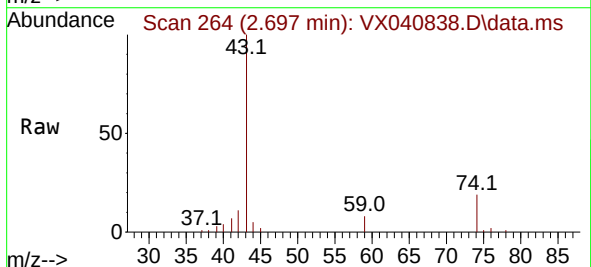
Manual Integrations
APPROVED

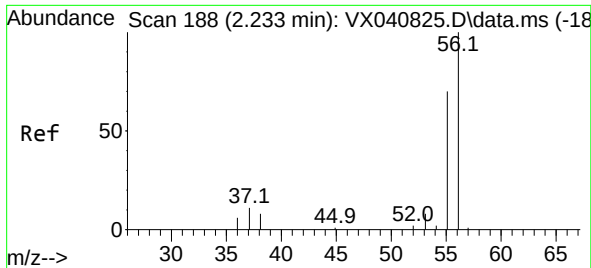
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#12
Methyl Acetate
Concen: 19.218 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

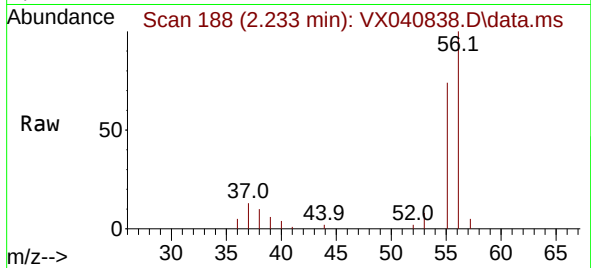
Tgt Ion: 43 Resp: 14374
Ion Ratio Lower Upper
43 100
74 19.3 17.8 26.6





#13
Acrolein
Concen: 82.598 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

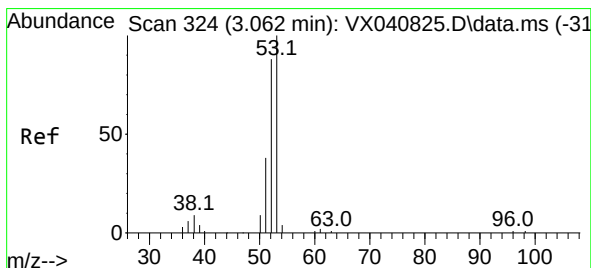
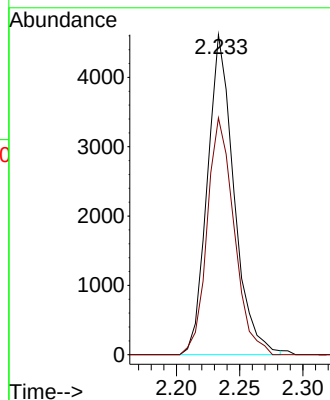
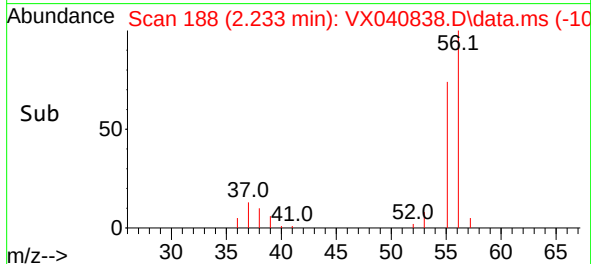
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 6768
Ion Ratio Lower Upper
56 100
55 74.8 57.2 85.8

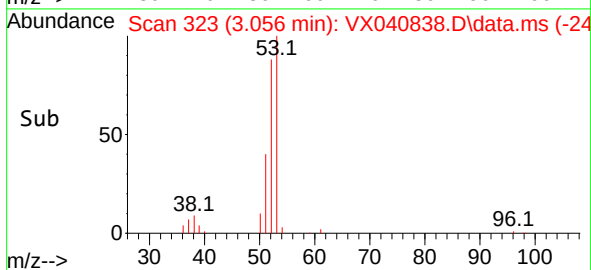
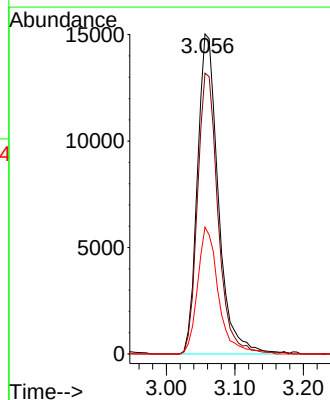
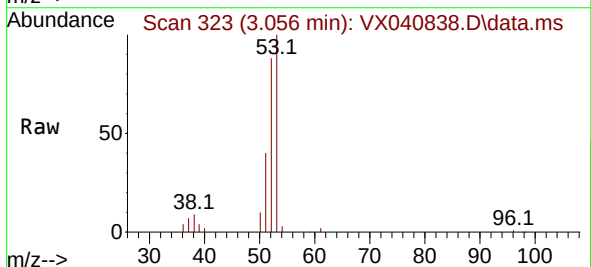
Manual Integrations
APPROVED

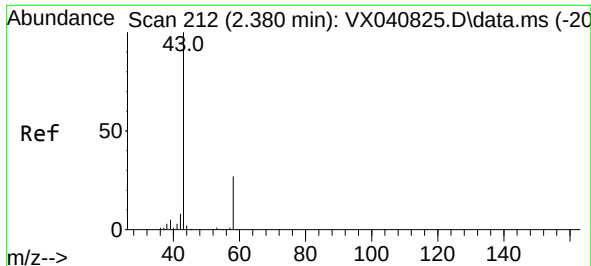
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#14
Acrylonitrile
Concen: 97.850 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

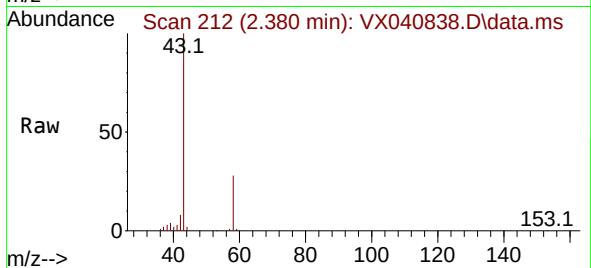
Tgt Ion: 53 Resp: 31863
Ion Ratio Lower Upper
53 100
52 85.7 41.9 125.6
51 39.6 18.3 54.9





#15
Acetone
Concen: 91.430 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

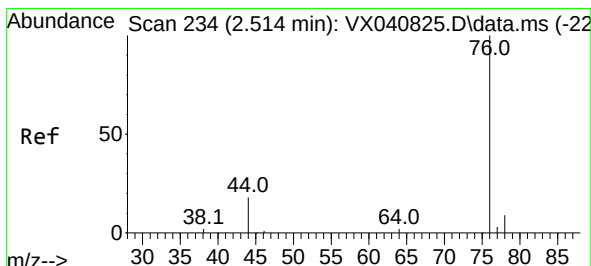
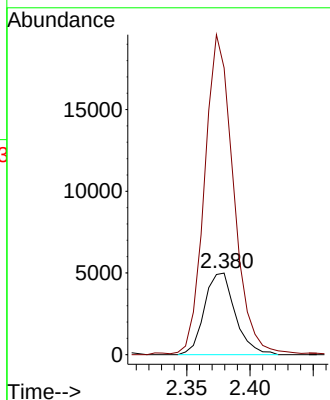
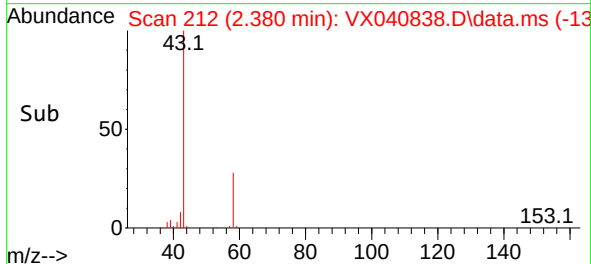
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 844
Ion Ratio Lower Upper
58 100
43 348.1 249.9 374.9

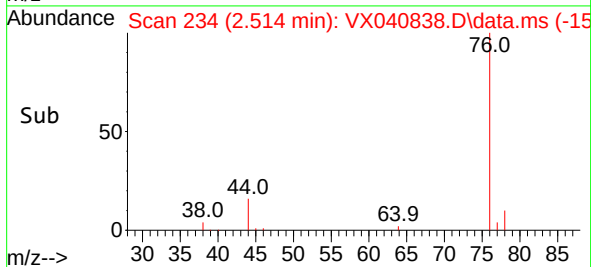
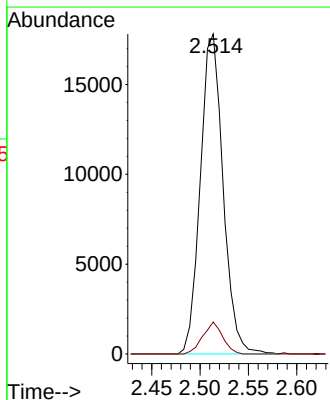
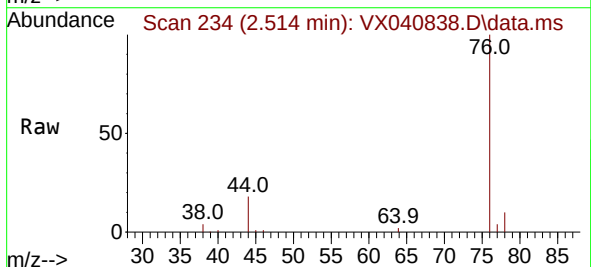
Manual Integrations
APPROVED

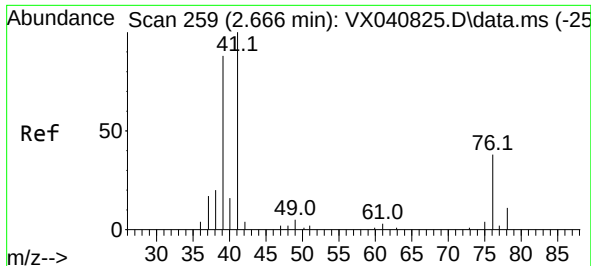
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#16
Carbon Disulfide
Concen: 19.961 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 76 Resp: 29209
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0





#17

Allyl chloride

Concen: 19.190 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 1835

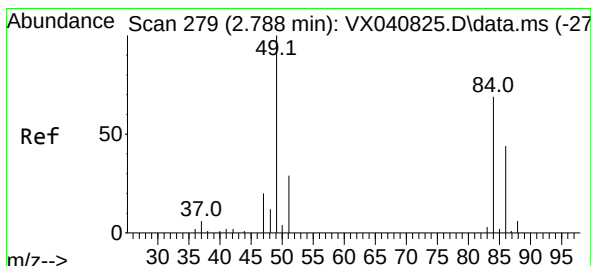
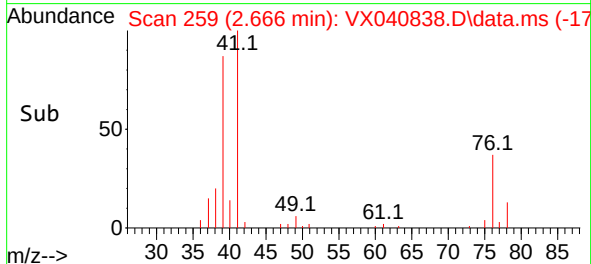
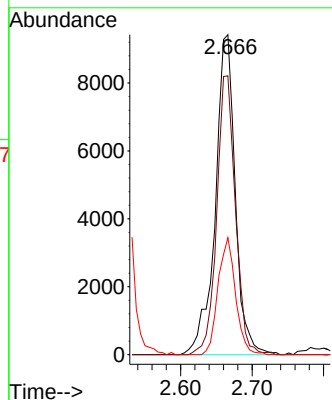
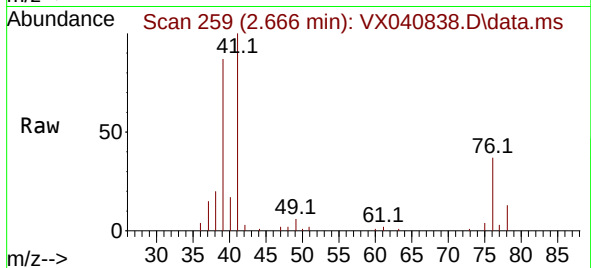
Ion	Ratio	Lower	Upper
41	100		
39	87.2	36.5	109.5
76	36.6	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#18

Methylene Chloride

Concen: 19.545 ug/l

RT: 2.788 min Scan# 279

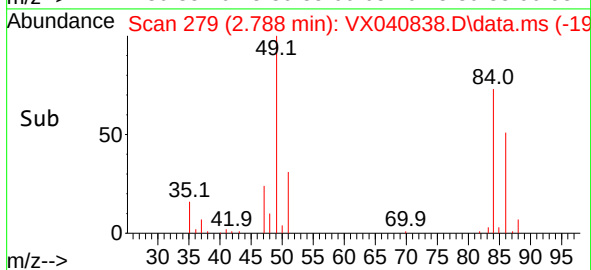
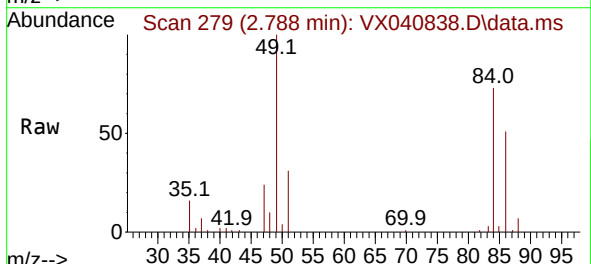
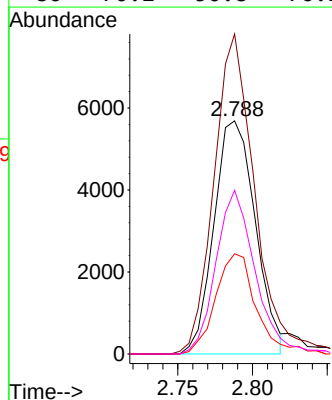
Delta R.T. -0.000 min

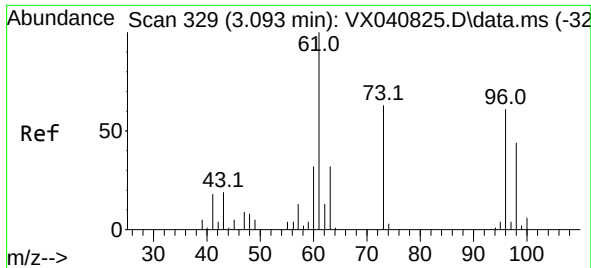
Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Tgt Ion: 84 Resp: 10957

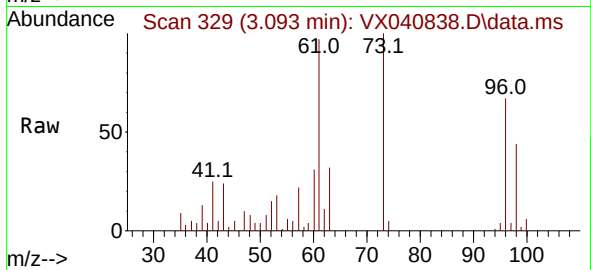
Ion	Ratio	Lower	Upper
84	100		
49	136.1	103.8	155.8
51	43.0	31.8	47.6
86	70.2	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 20.317 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

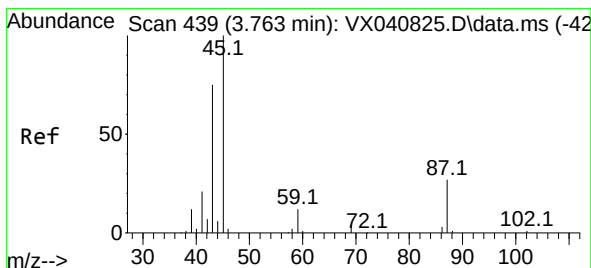
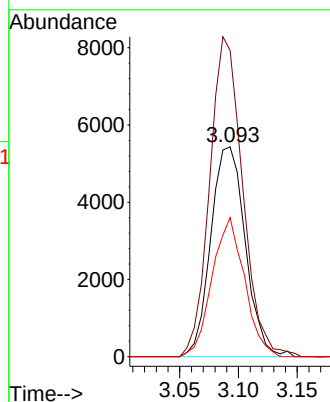
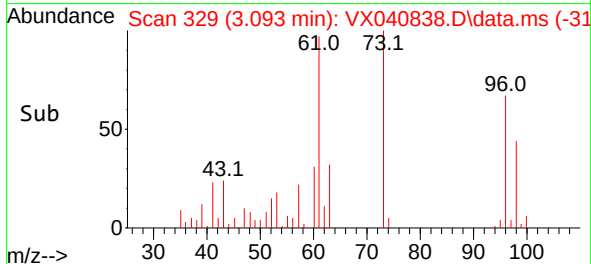
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 11062
Ion Ratio Lower Upper
96 100
61 146.0 117.9 176.9
98 66.2 51.0 76.6

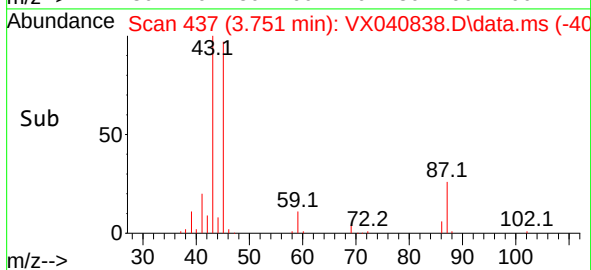
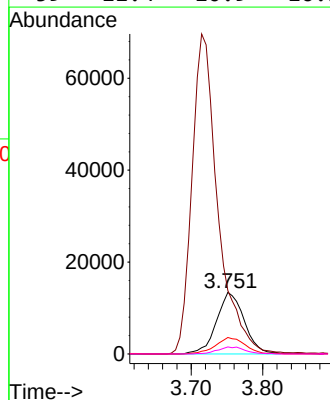
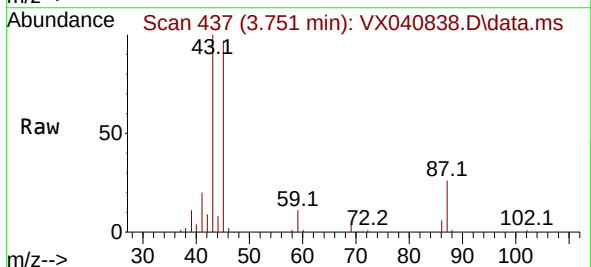
Manual Integrations
APPROVED

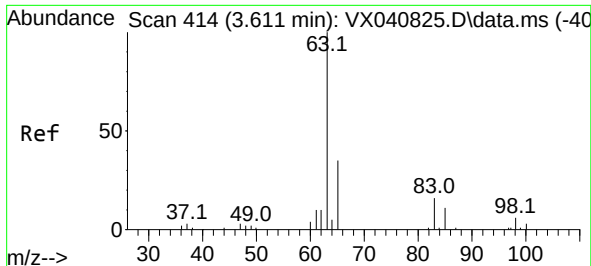
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#20
Diisopropyl ether
Concen: 19.383 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 45 Resp: 36097
Ion Ratio Lower Upper
45 100
43 99.9 67.7 101.5
87 26.7 21.5 32.3
59 11.4 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.954 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 20979

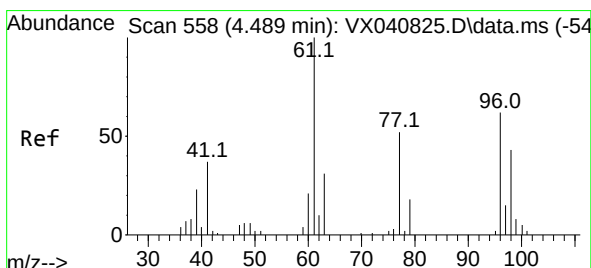
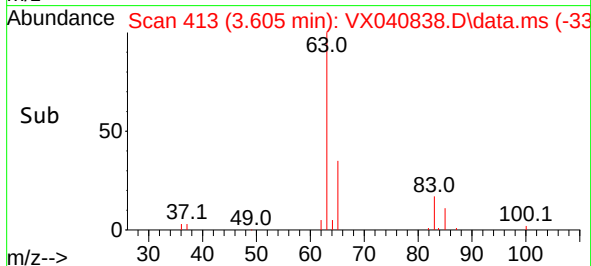
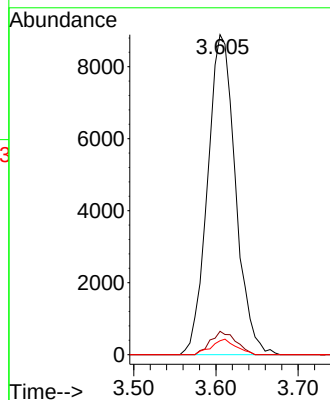
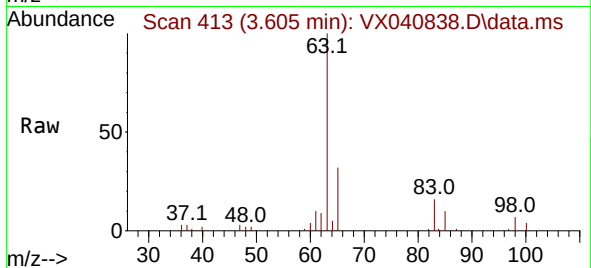
Ion	Ratio	Lower	Upper
63	100		
98	7.3	2.9	8.8
100	4.3	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#22

cis-1,2-Dichloroethene

Concen: 20.241 ug/l

RT: 4.483 min Scan# 557

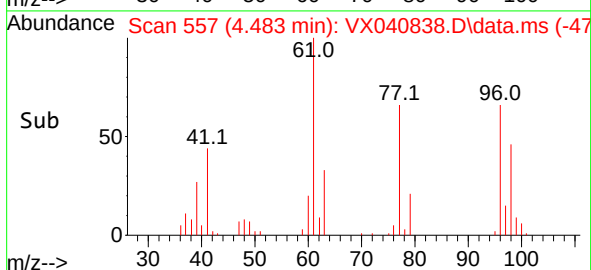
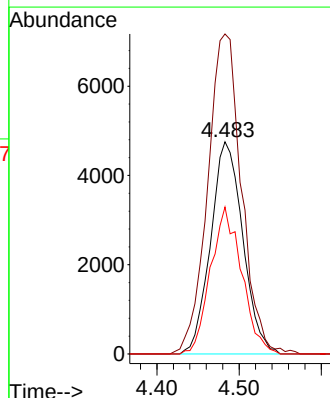
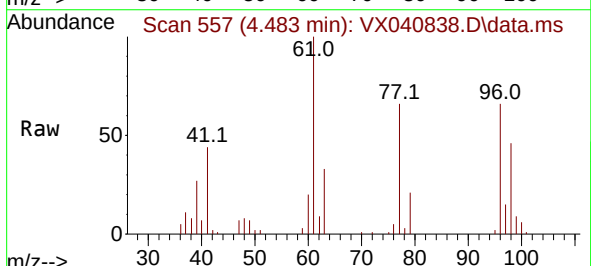
Delta R.T. -0.006 min

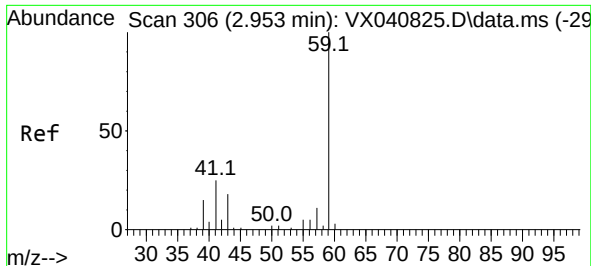
Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Tgt Ion: 96 Resp: 12948

Ion	Ratio	Lower	Upper
96	100		
61	158.1	119.8	179.6
98	67.0	50.9	76.3





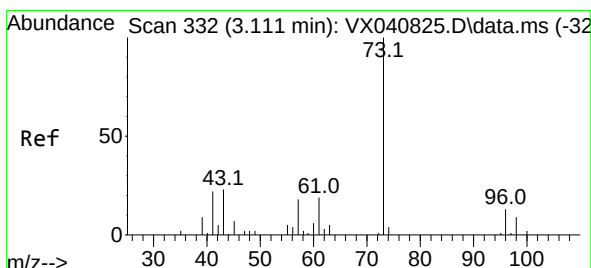
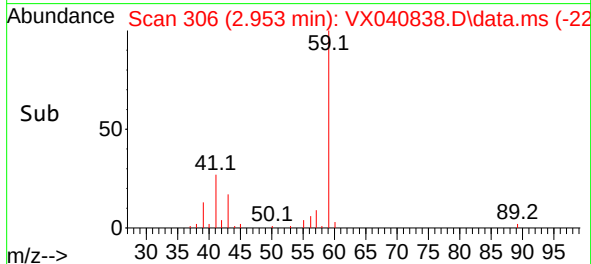
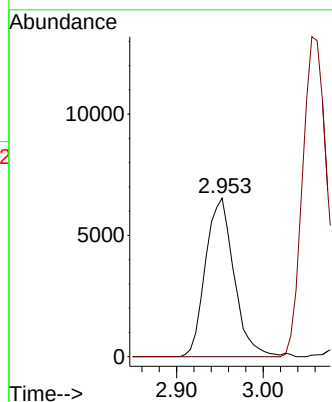
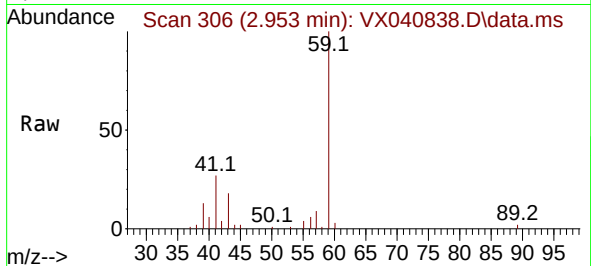
#23
tert-Butyl Alcohol
Concen: 98.891 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 14938
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

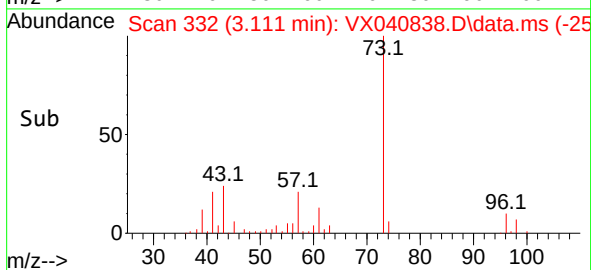
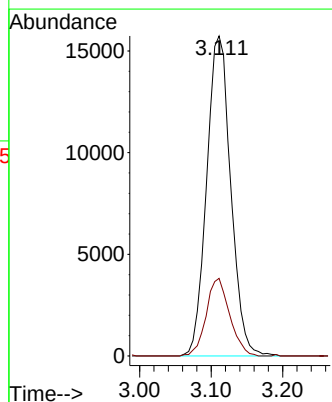
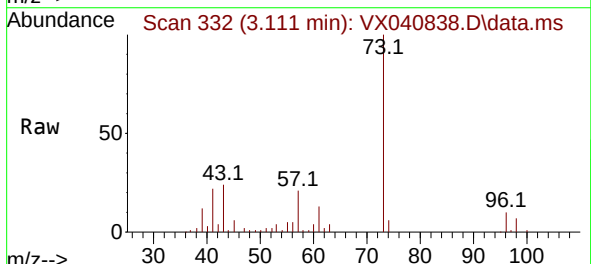
Manual Integrations
APPROVED

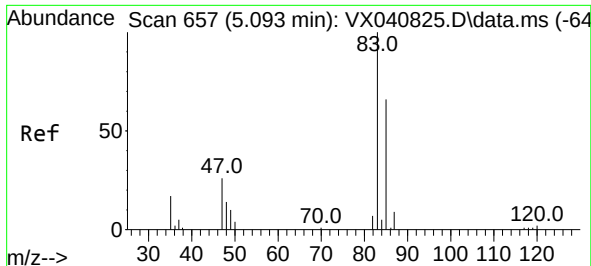
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#24
Methyl tert-Butyl Ether
Concen: 19.890 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 73 Resp: 36875
Ion Ratio Lower Upper
73 100
43 23.7 17.0 25.6





#25

Chloroform

Concen: 20.091 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

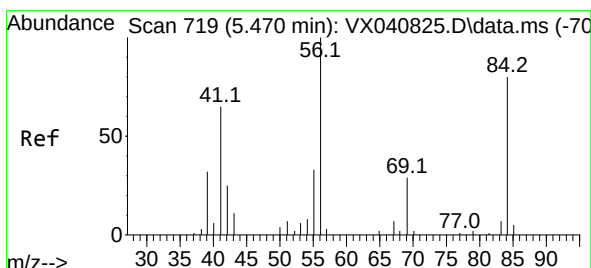
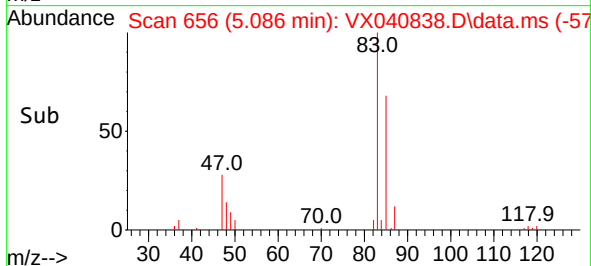
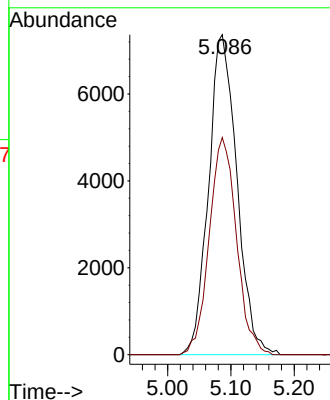
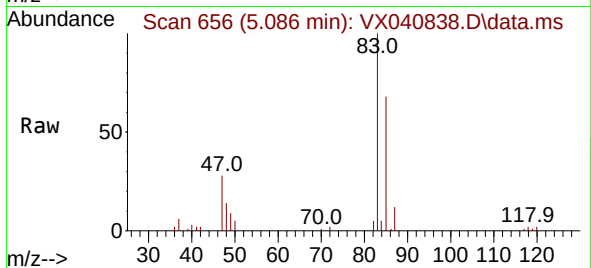
Tgt Ion: 83 Resp: 2289
 Ion Ratio Lower Upper
 83 100
 85 67.8 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#26

Cyclohexane

Concen: 19.541 ug/l

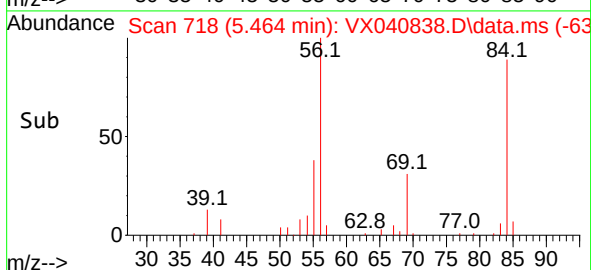
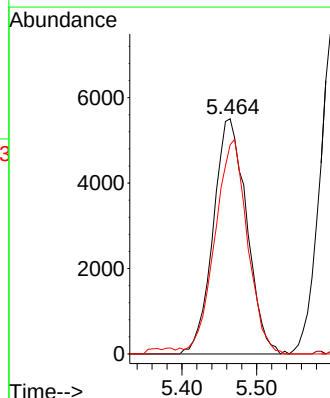
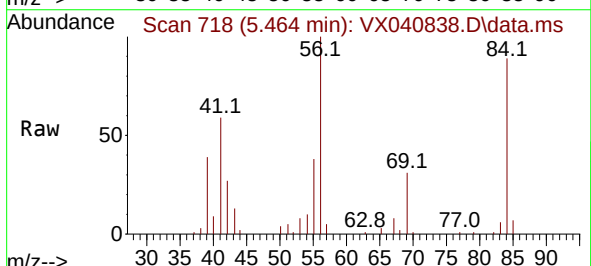
RT: 5.464 min Scan# 718

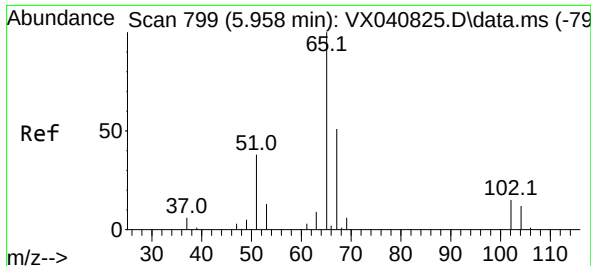
Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

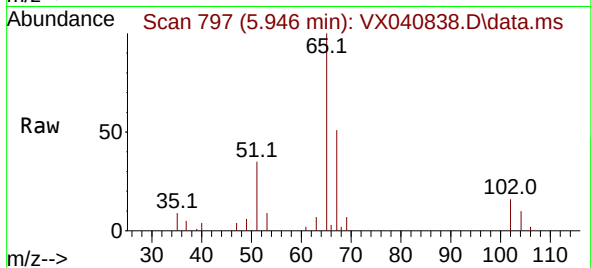
Tgt Ion: 56 Resp: 17078
 Ion Ratio Lower Upper
 56 100
 89 0.3 0.0 0.0#
 84 88.8 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 30.267 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

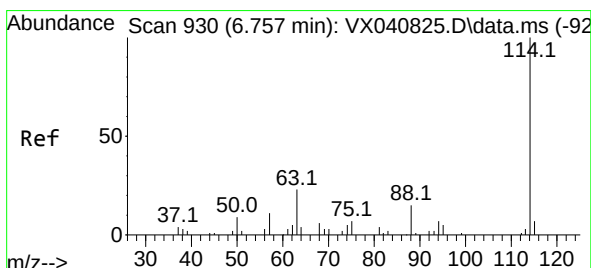
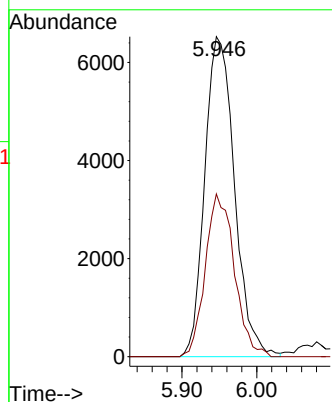
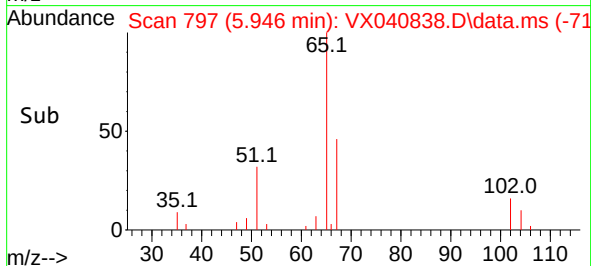
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 1805
Ion Ratio Lower Upper
65 100
67 48.9 42.5 63.7

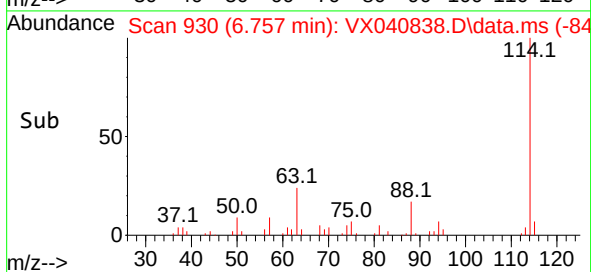
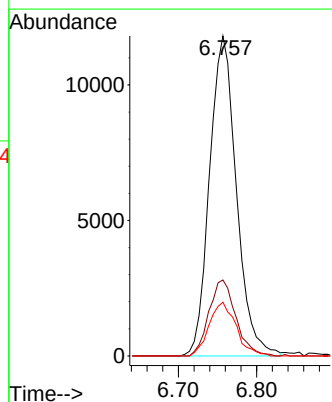
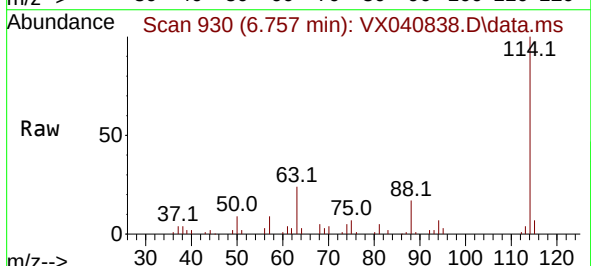
Manual Integrations
APPROVED

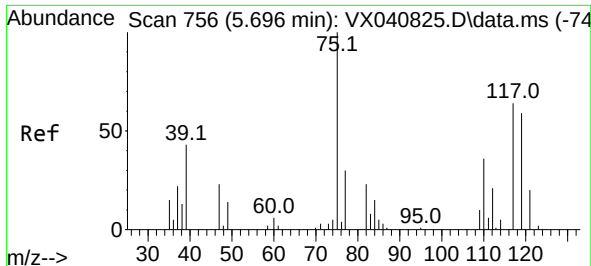
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion:114 Resp: 28146
Ion Ratio Lower Upper
114 100
63 23.7 17.0 25.4
88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.727 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

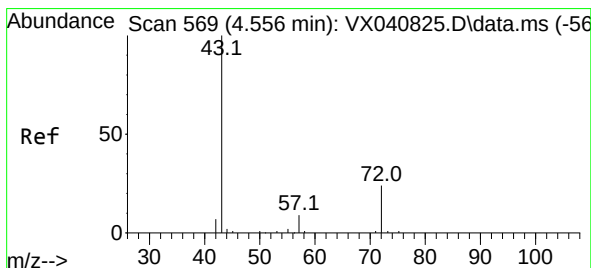
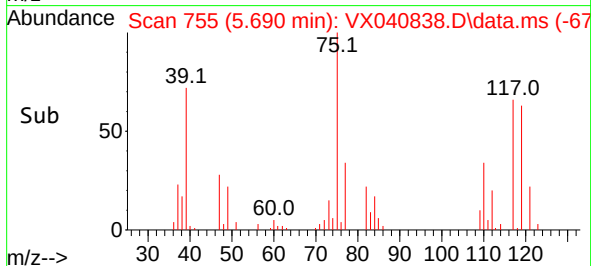
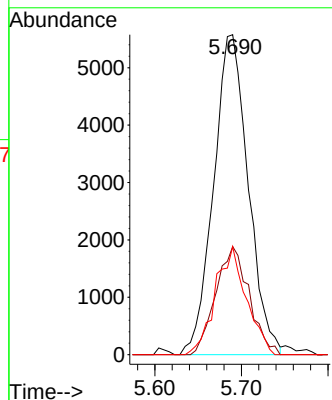
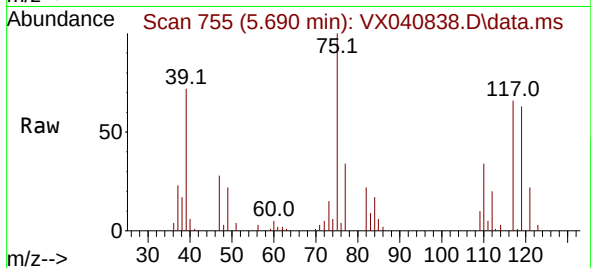
Tgt Ion:	75	Resp:	1549
Ion Ratio	Lower	Upper	
75	100		
110	32.6	0.0	71.2
77	19.6	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#30

2-Butanone

Concen: 95.392 ug/l

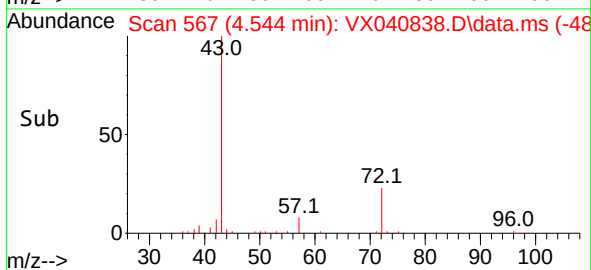
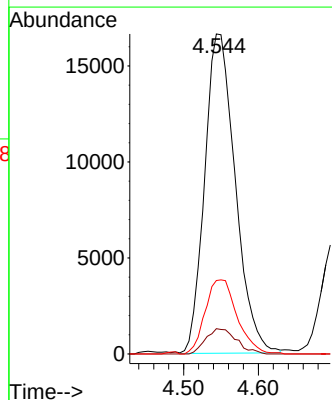
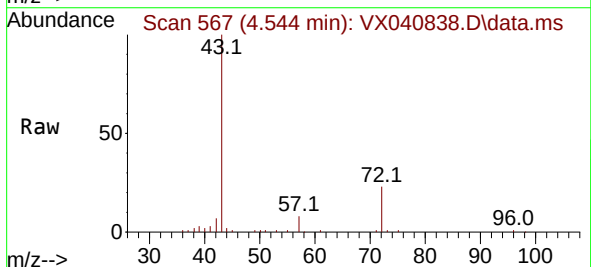
RT: 4.544 min Scan# 567

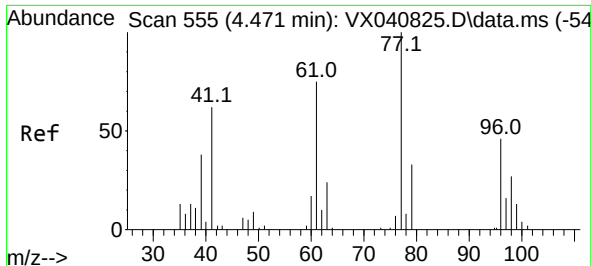
Delta R.T. -0.012 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

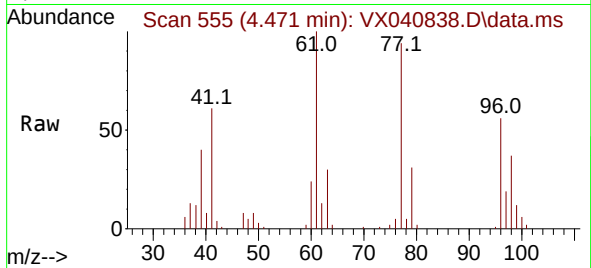
Tgt Ion:	43	Resp:	47403
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.6	10.0
72	24.1	20.6	31.0





#31
2,2-Dichloropropane
Concen: 18.760 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

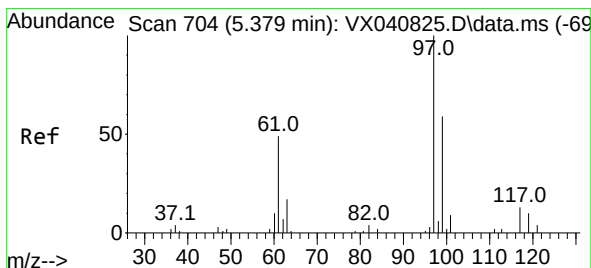
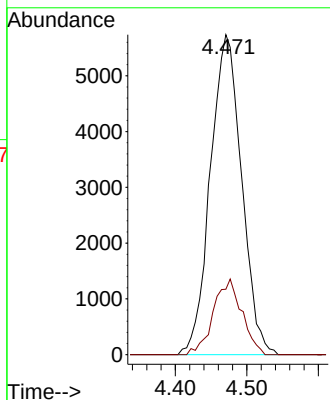
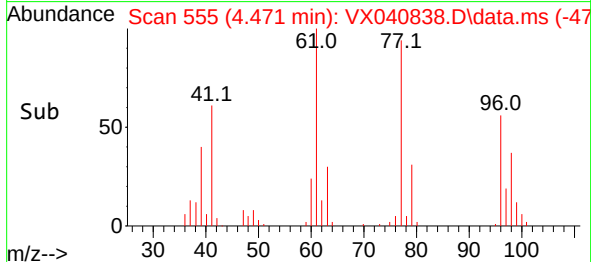
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



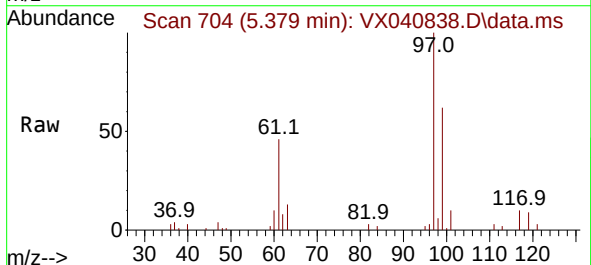
Tgt Ion: 77 Resp: 1740
Ion Ratio Lower Upper
77 100
97 21.6 18.2 27.4

Manual Integrations
APPROVED

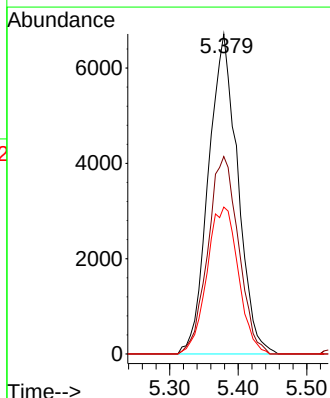
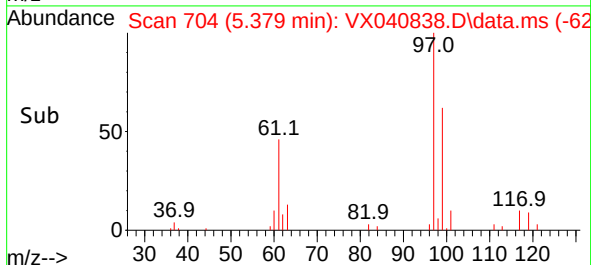
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

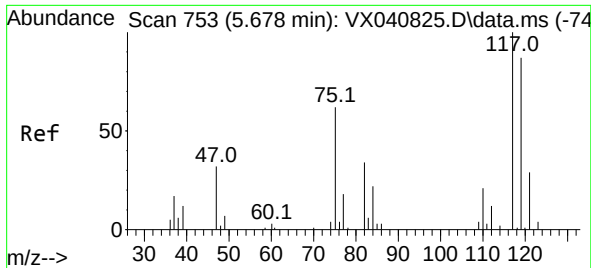


#32
1,1,1-Trichloroethane
Concen: 19.197 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



Tgt Ion: 97 Resp: 19907
Ion Ratio Lower Upper
97 100
99 64.7 52.6 79.0
61 49.3 36.9 55.3





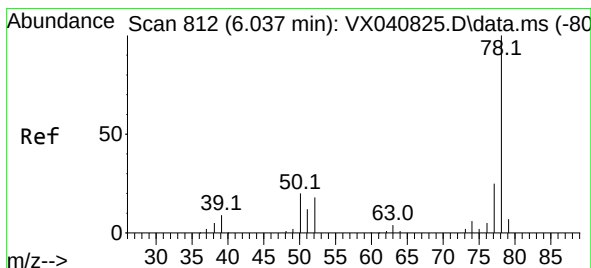
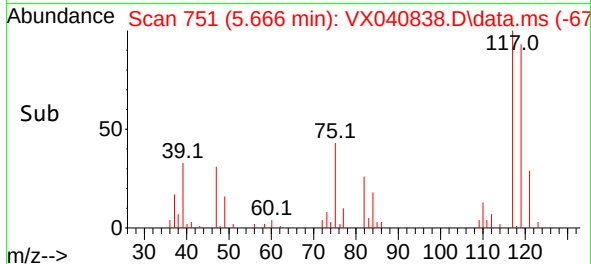
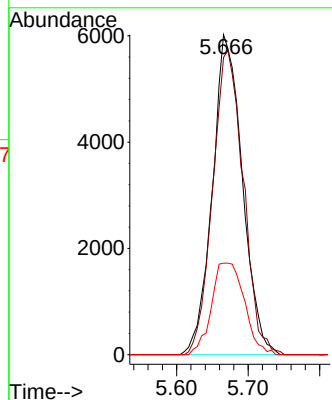
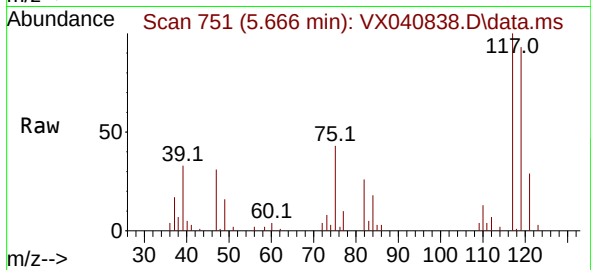
#33
Carbon Tetrachloride
Concen: 19.597 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 1754
Ion Ratio Lower Upper
117 100
119 92.9 78.2 117.4
121 28.6 24.7 37.1

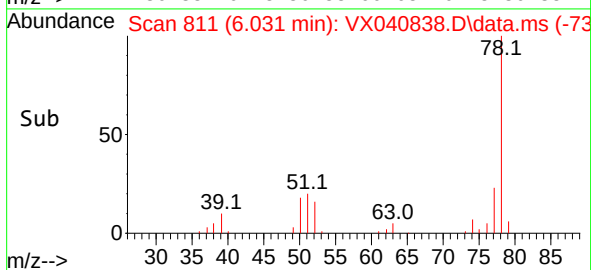
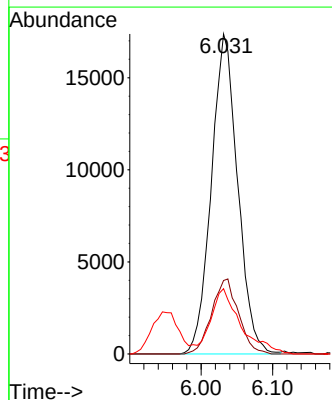
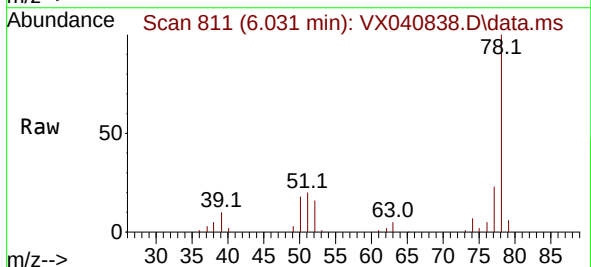
Manual Integrations
APPROVED

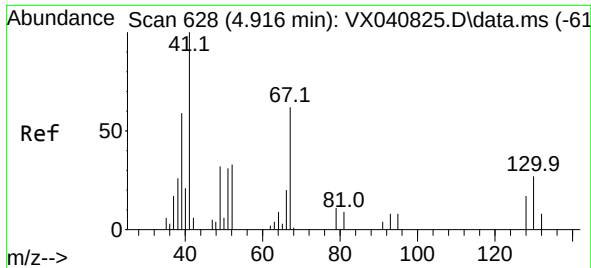
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#34
Benzene
Concen: 19.730 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 78 Resp: 44450
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 19.1 14.4 21.6





#35
Methacrylonitrile
Concen: 18.471 ug/l
RT: 4.910 min Scan# 614
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

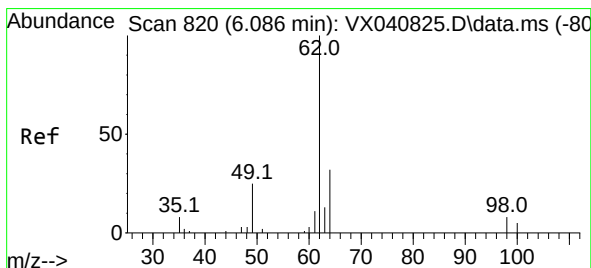
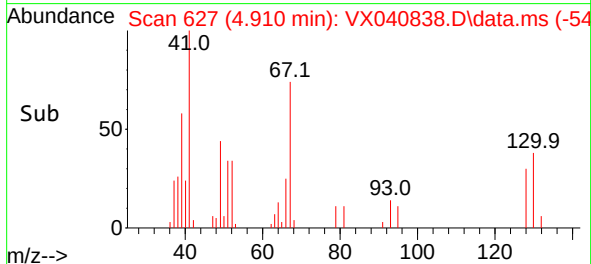
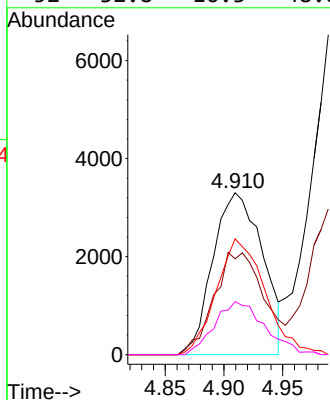
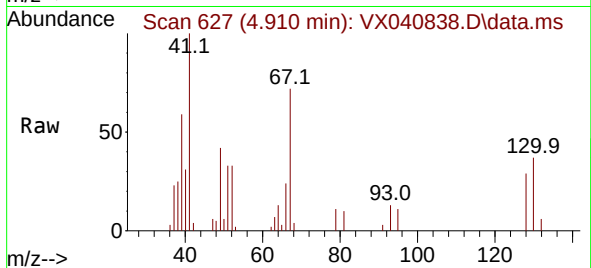
Tgt Ion: 41 Resp: 9714
Ion Ratio Lower Upper
41 100
39 59.2 28.2 84.7
67 71.5 34.5 103.5
52 32.8 16.3 48.8

Manual Integrations

APPROVED

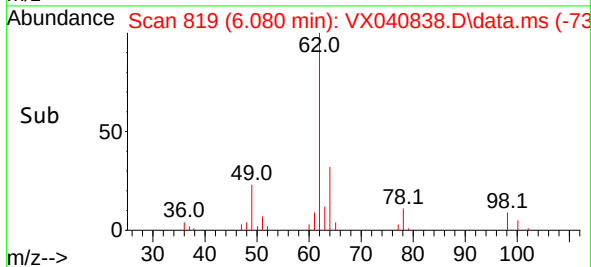
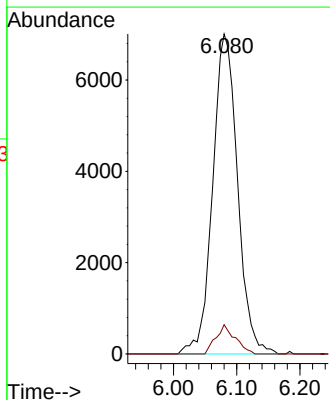
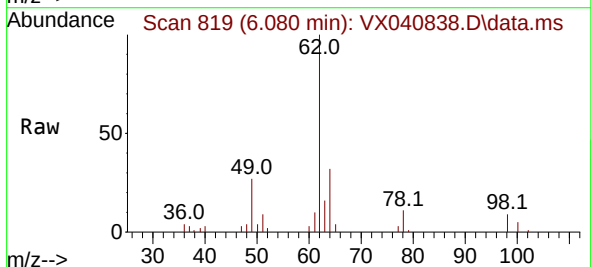
Reviewed By :John Carlone 04/01/2024

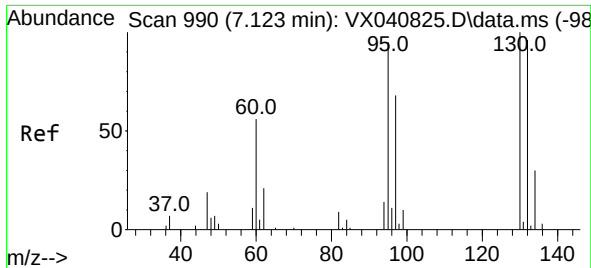
Supervised By :Mahesh Dadoda 04/01/2024



#36
1,2-Dichloroethane
Concen: 19.522 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

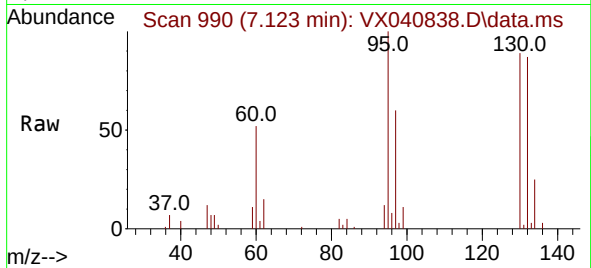
Tgt Ion: 62 Resp: 19110
Ion Ratio Lower Upper
62 100
98 7.1 7.0 10.4





#37
Trichloroethene
Concen: 19.786 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

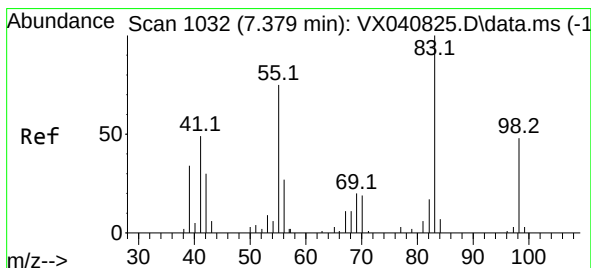
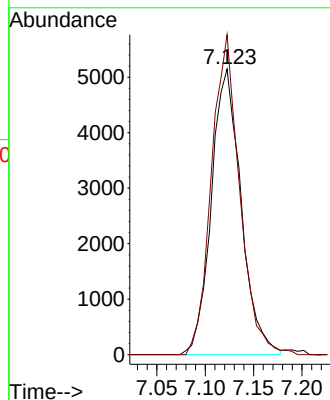
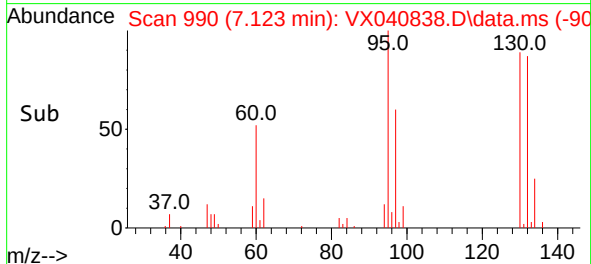
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



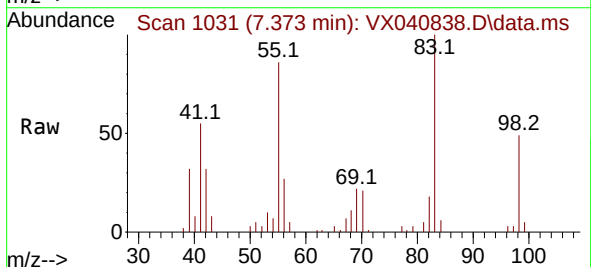
Tgt Ion:130 Resp: 1101
Ion Ratio Lower Upper
130 100
95 112.0 85.8 128.8

Manual Integrations
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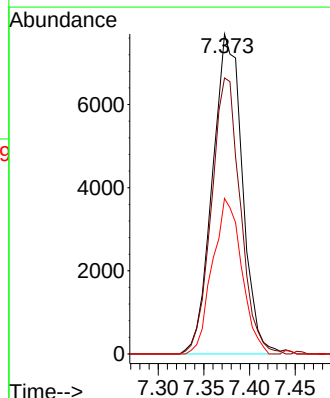
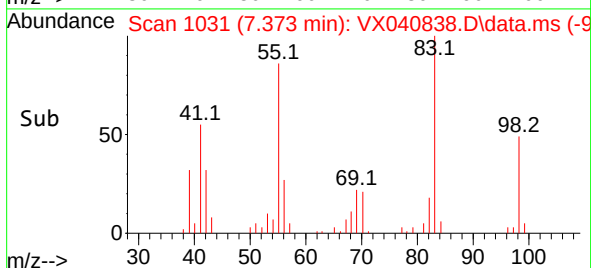
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

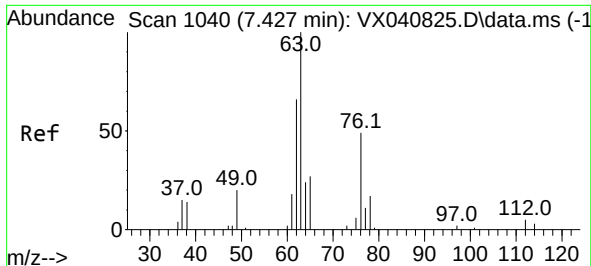


#38
Methylcyclohexane
Concen: 18.907 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



Tgt Ion: 83 Resp: 17531
Ion Ratio Lower Upper
83 100
55 83.5 38.6 116.0
98 47.4 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.357 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 10890

Ion Ratio Lower Upper

63 100

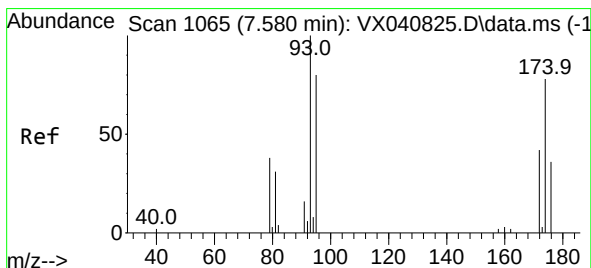
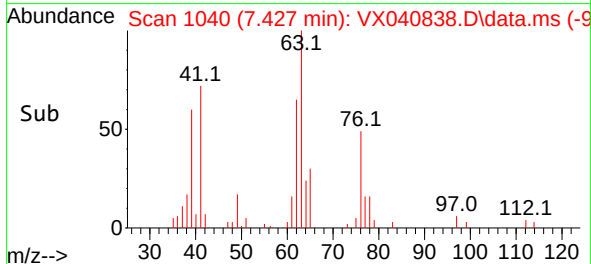
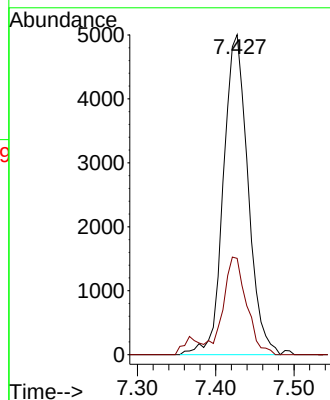
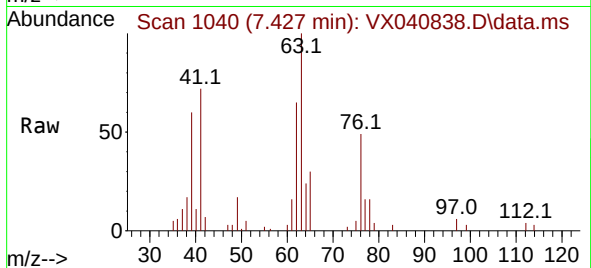
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#40

Dibromomethane

Concen: 20.473 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

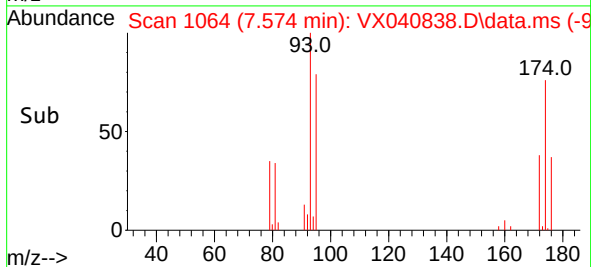
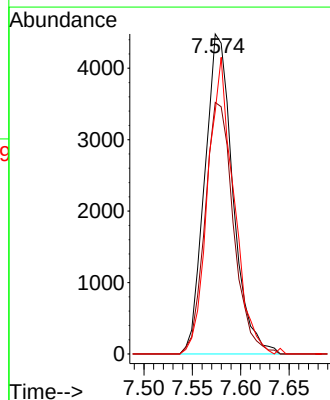
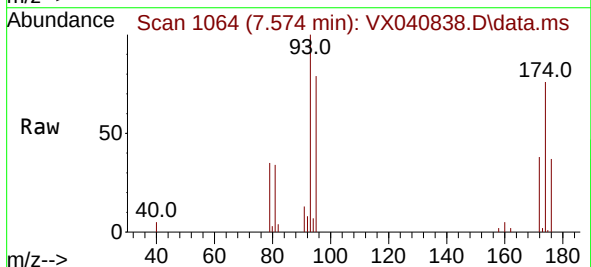
Tgt Ion: 93 Resp: 9086

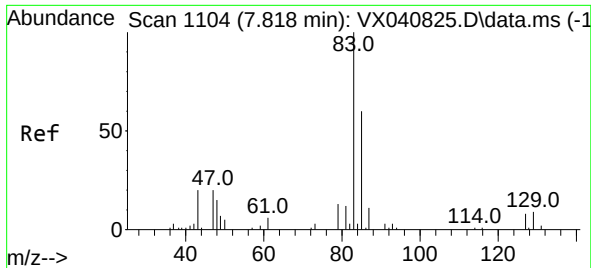
Ion Ratio Lower Upper

93 100

95 79.6 0.0 163.4

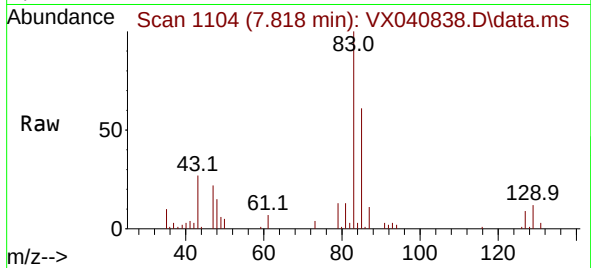
174 85.3 0.0 166.4





#41
Bromodichloromethane
Concen: 20.321 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

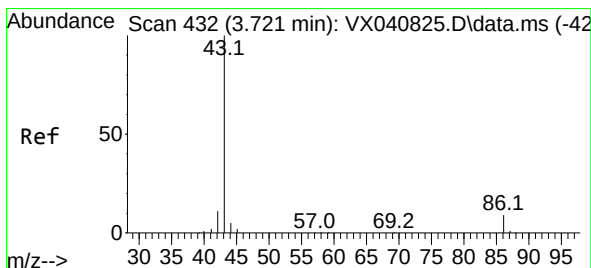
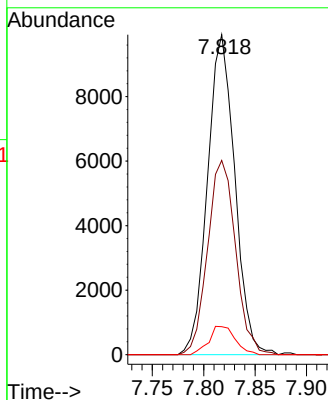
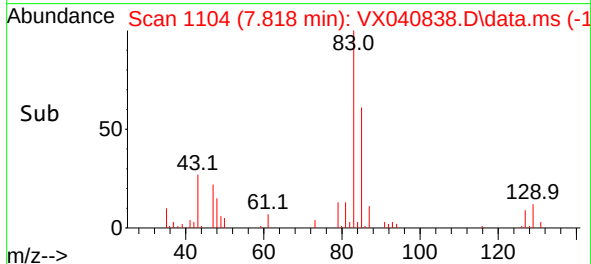
Instrument : MSVOA_X
ClientSampleId : VSTDCCC020EC



Tgt Ion: 83 Resp: 18309
Ion Ratio Lower Upper
83 100
85 60.7 50.8 76.2
127 8.8 5.9 8.9

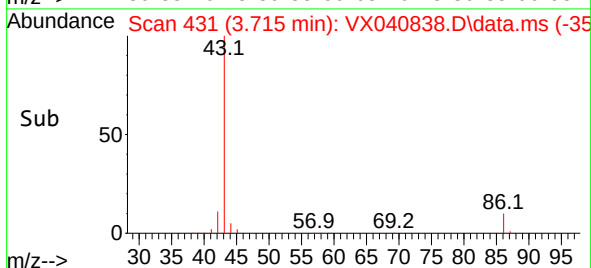
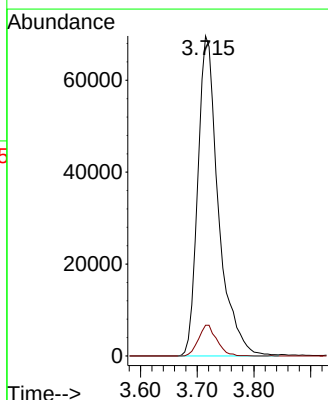
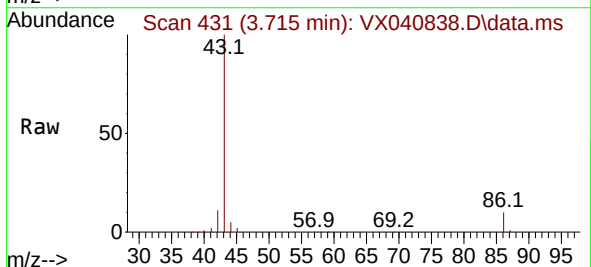
Manual Integrations
APPROVED

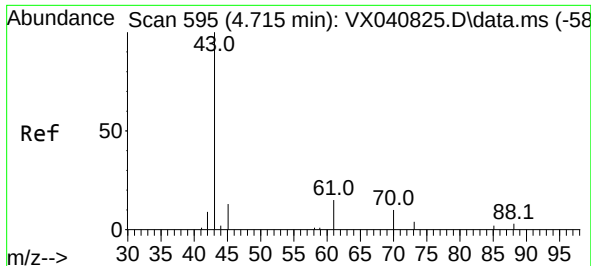
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#42
Vinyl Acetate
Concen: 95.597 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 43 Resp: 175587
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





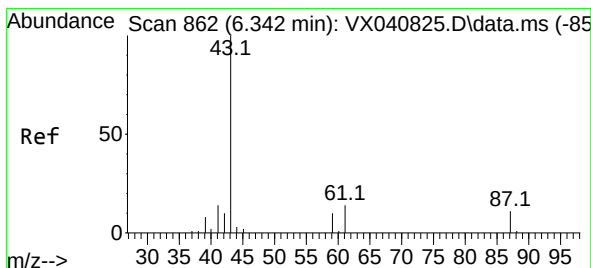
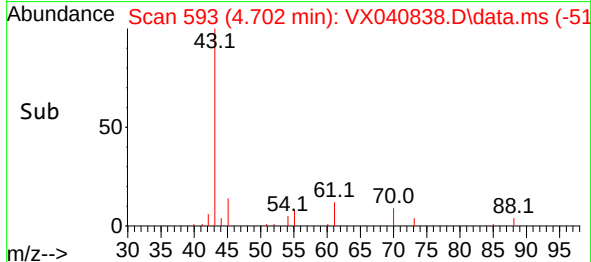
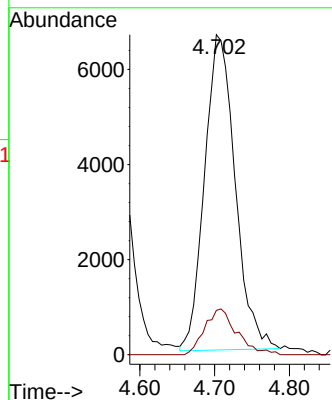
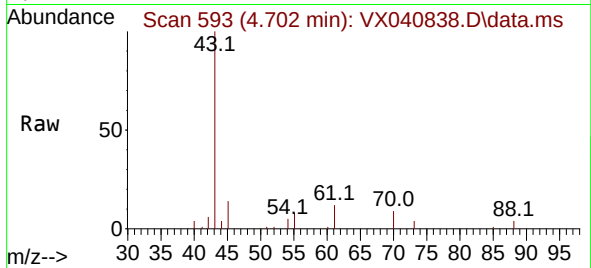
#43
Ethyl Acetate
Concen: 19.500 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 18860
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.8

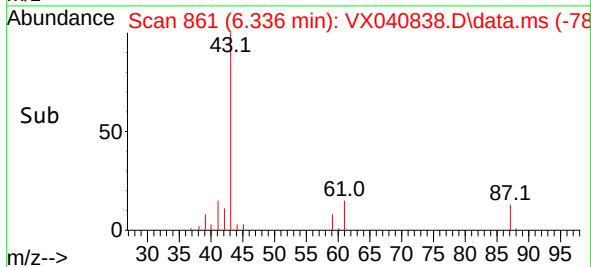
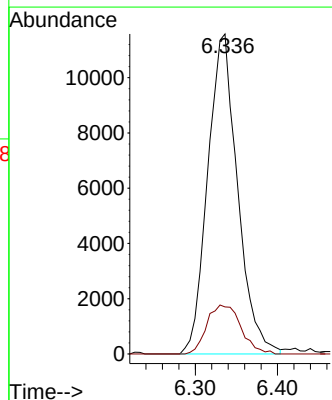
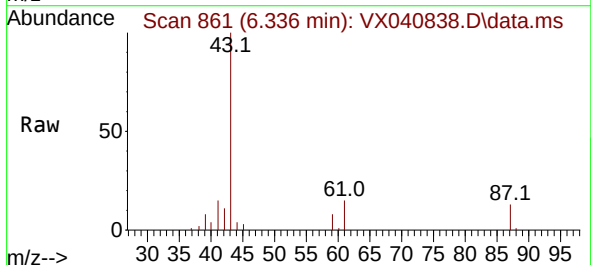
Manual Integrations
APPROVED

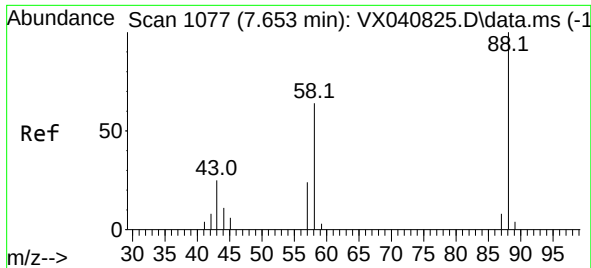
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#44
Isopropyl Acetate
Concen: 18.923 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

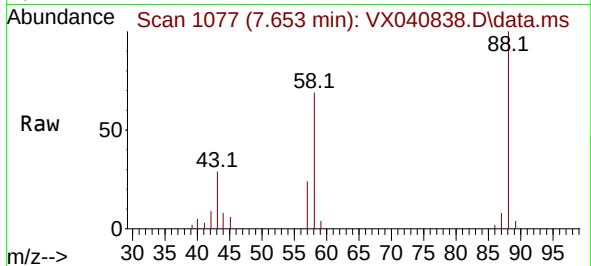
Tgt Ion: 43 Resp: 29241
Ion Ratio Lower Upper
43 100
61 17.4 15.6 23.4





#45
1,4-Dioxane
Concen: 424.614 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

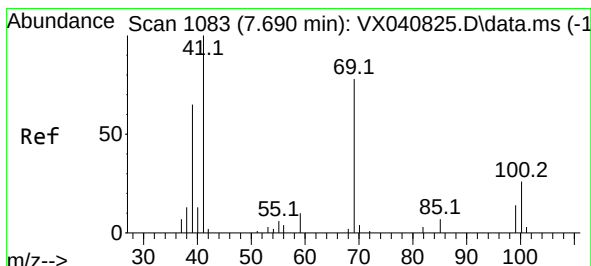
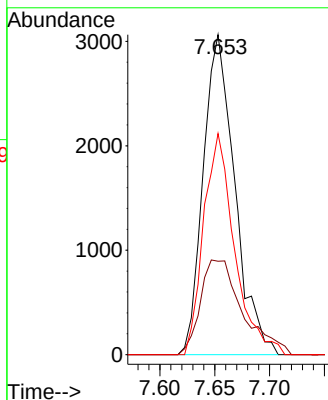
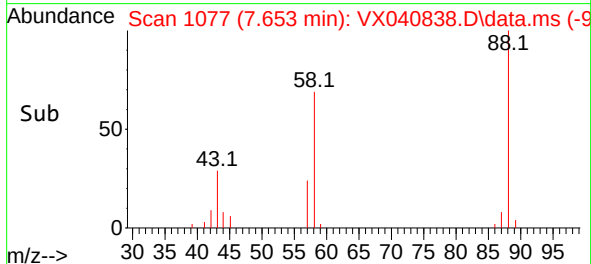
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 6144
Ion Ratio Lower Upper
88 100
43 39.5 28.1 42.1
58 66.3 57.7 86.5

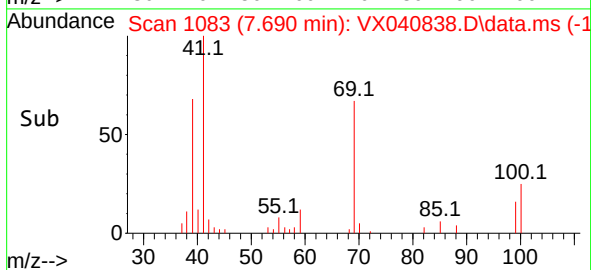
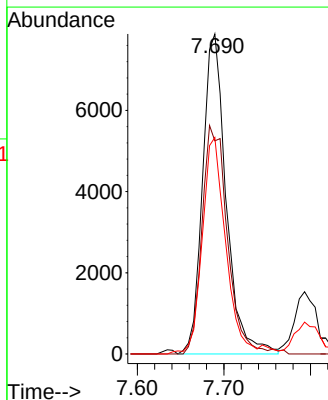
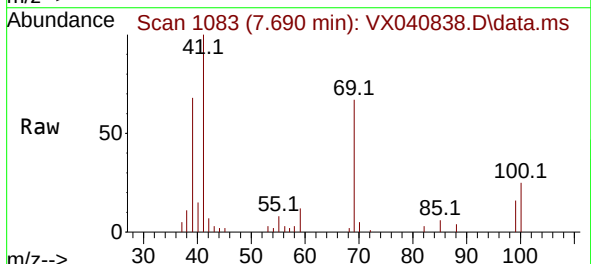
Manual Integrations
APPROVED

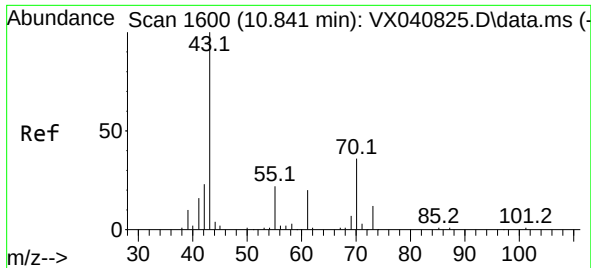
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#46
Methyl methacrylate
Concen: 20.026 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 41 Resp: 14899
Ion Ratio Lower Upper
41 100
69 66.6 39.6 118.8
39 66.7 30.1 90.3





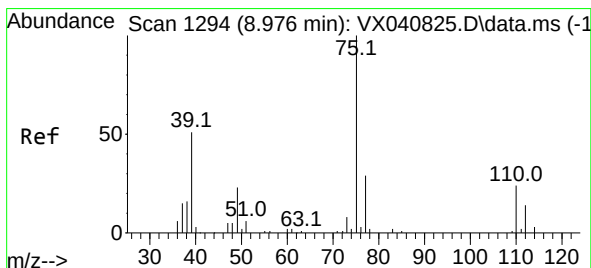
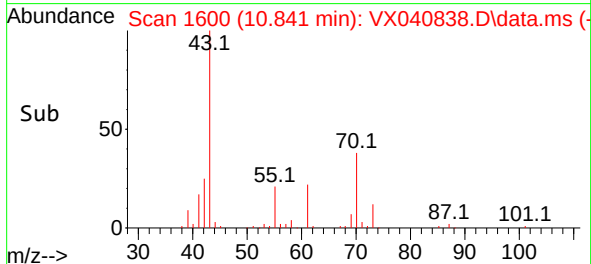
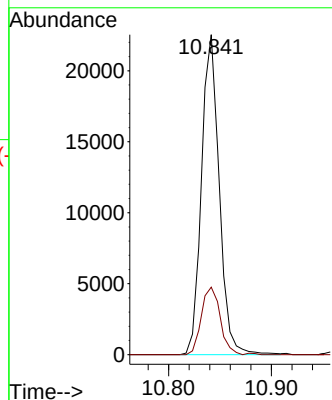
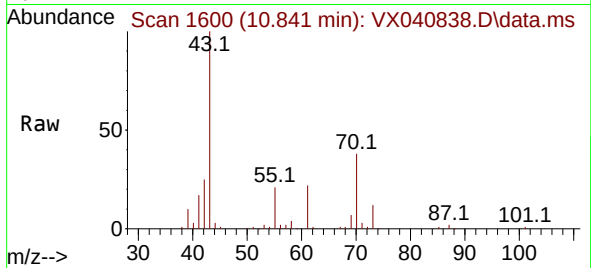
#47
n-amy1 Acetate
Concen: 19.505 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 2714
Ion Ratio Lower Upper
43 100
55 22.3 18.2 27.2

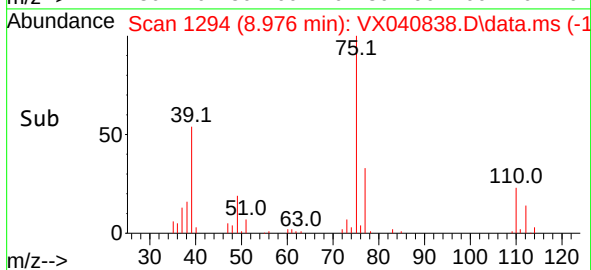
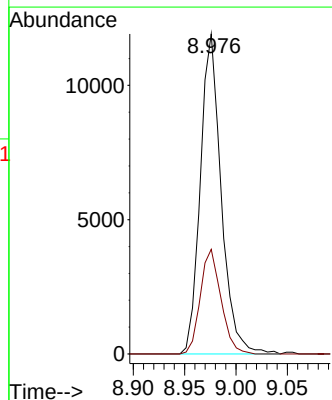
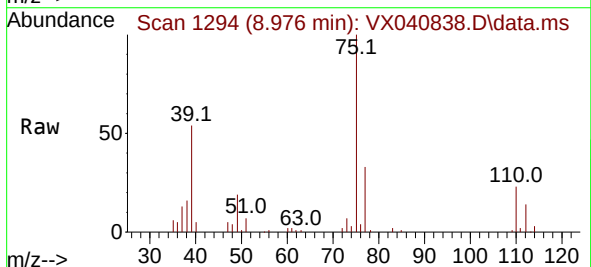
Manual Integrations
APPROVED

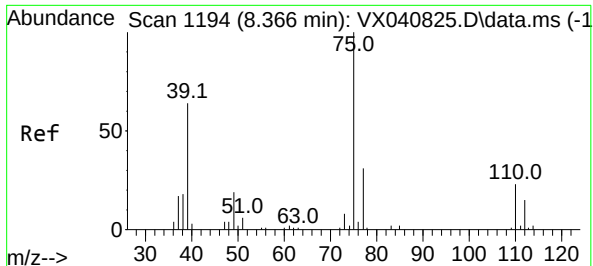
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#48
t-1,3-Dichloropropene
Concen: 18.919 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 75 Resp: 16910
Ion Ratio Lower Upper
75 100
77 32.7 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.509 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

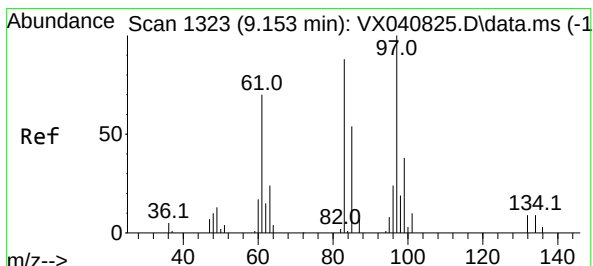
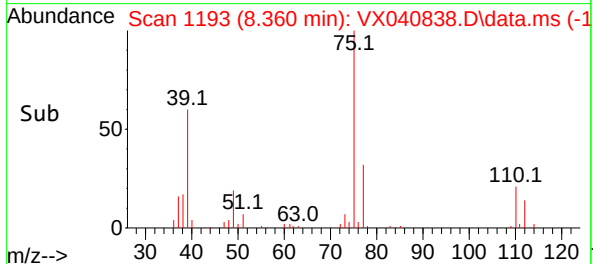
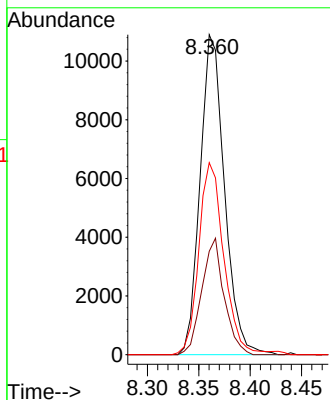
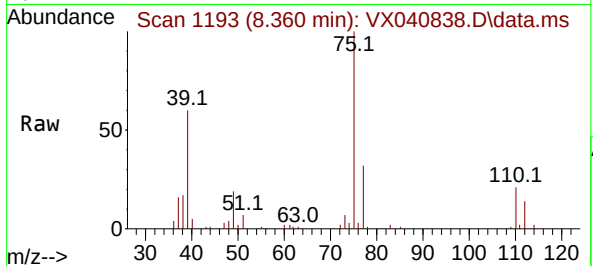
Tgt Ion:	75	Resp:	18014
Ion Ratio	Lower	Upper	
75	100		
77	32.3	24.4	36.6
39	59.4	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#50

1,1,2-Trichloroethane

Concen: 20.569 ug/l

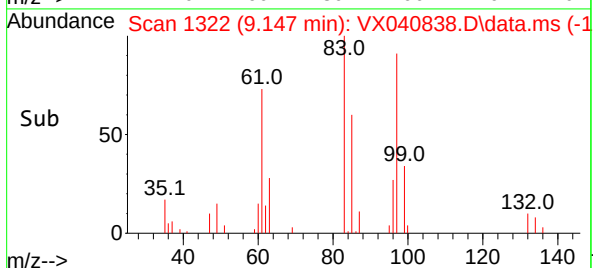
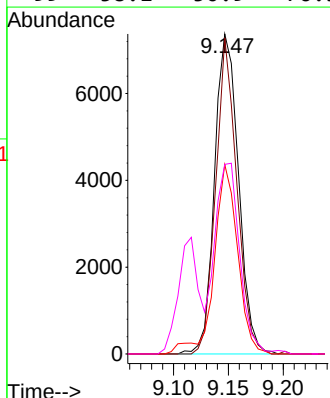
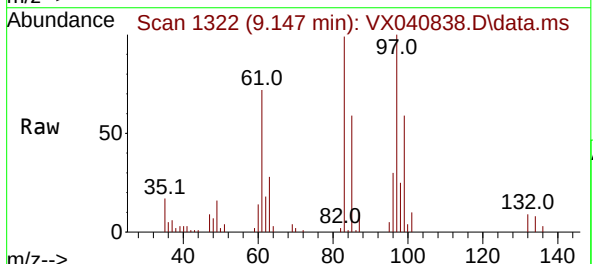
RT: 9.147 min Scan# 1322

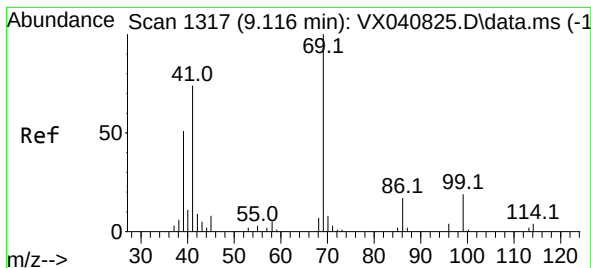
Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Tgt Ion:	97	Resp:	11195
Ion Ratio	Lower	Upper	
97	100		
83	98.8	69.0	103.6
85	59.2	46.3	69.5
99	58.1	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.530 ug/l

RT: 9.110 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 69 Resp: 1856

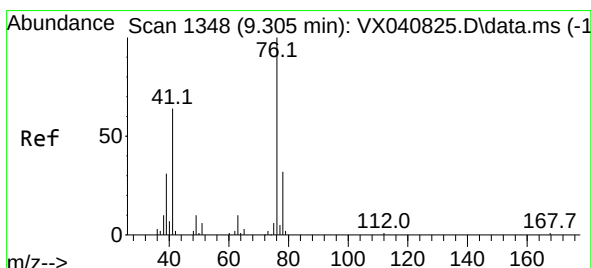
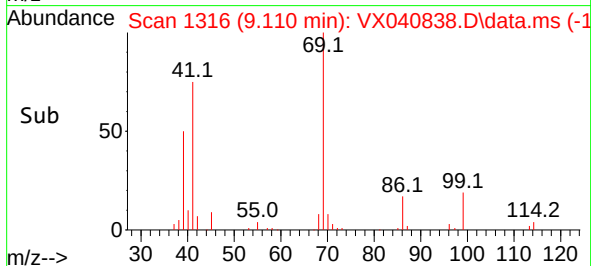
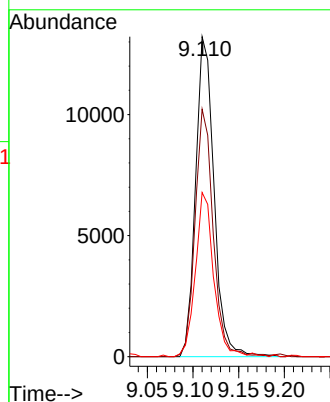
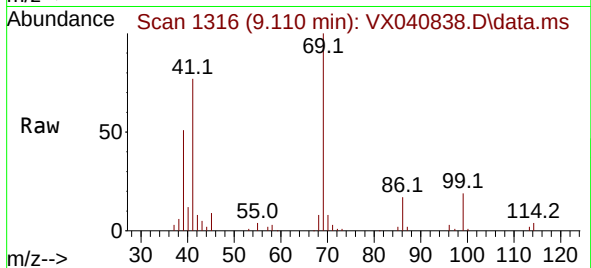
Ion	Ratio	Lower	Upper
69	100		
41	76.7	36.2	108.6
39	51.3	21.1	63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#52

1,3-Dichloropropane

Concen: 20.300 ug/l

RT: 9.305 min Scan# 1348

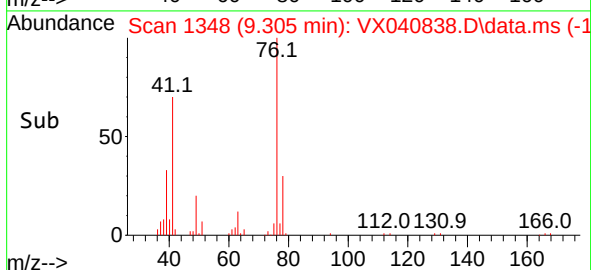
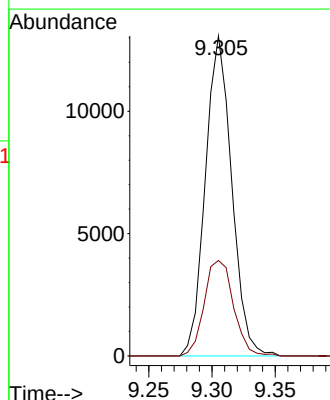
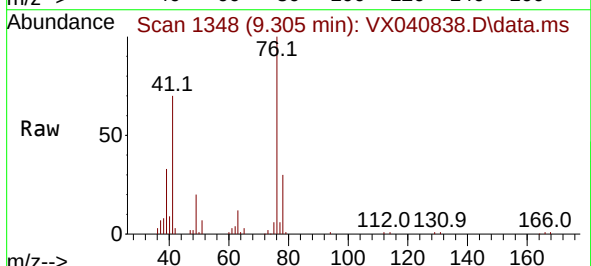
Delta R.T. -0.000 min

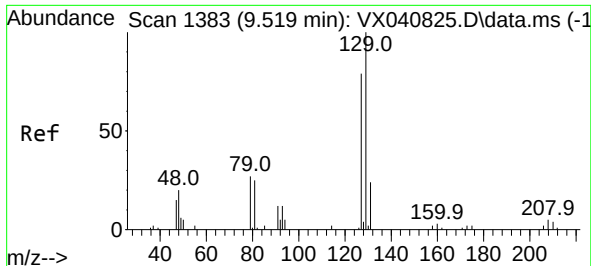
Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Tgt Ion: 76 Resp: 18990

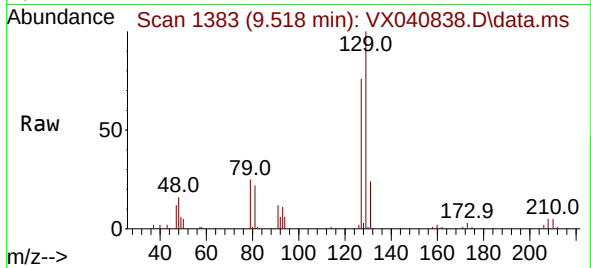
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.0





#53
Dibromochloromethane
Concen: 19.746 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

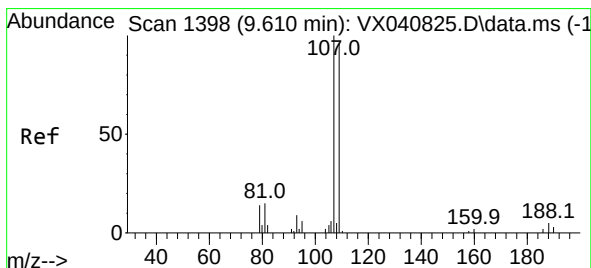
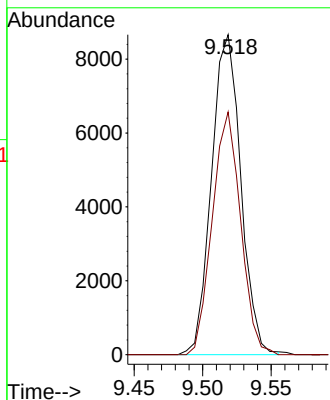
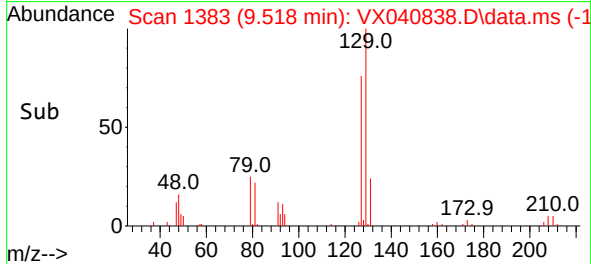
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 1287
Ion Ratio Lower Upper
129 100
127 73.3 38.3 114.9

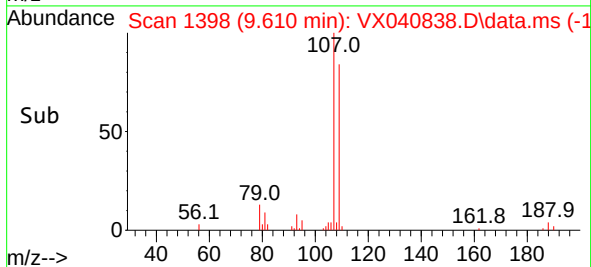
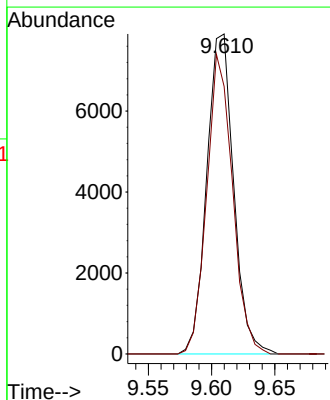
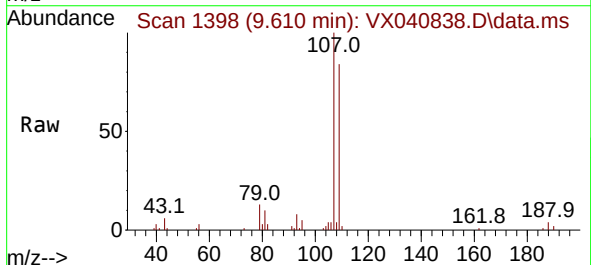
Manual Integrations
APPROVED

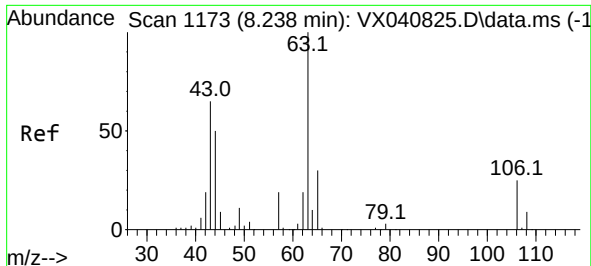
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#54
1,2-Dibromoethane
Concen: 19.394 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

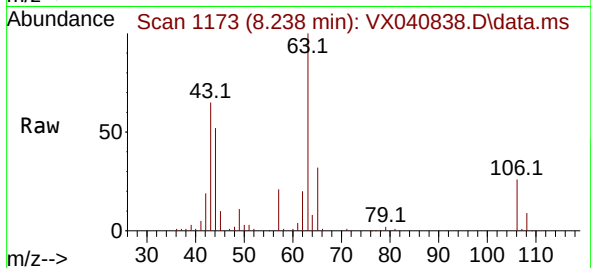
Tgt Ion:107 Resp: 11683
Ion Ratio Lower Upper
107 100
109 89.8 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 106.038 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

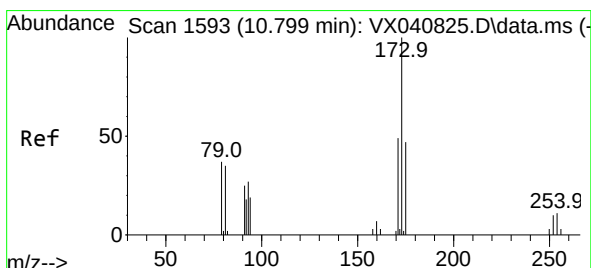
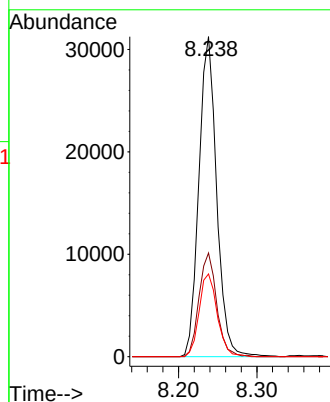
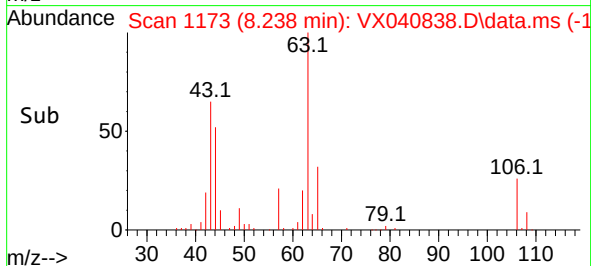
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 49304
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 26.3 20.6 31.0

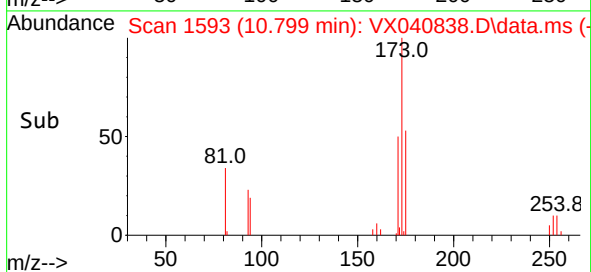
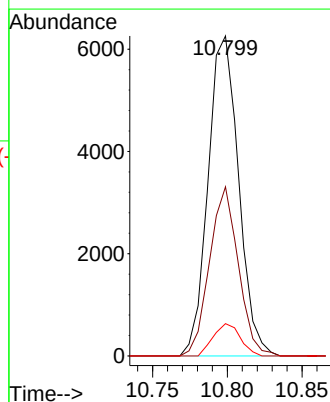
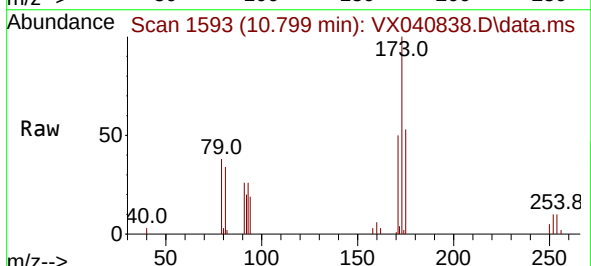
Manual Integrations
APPROVED

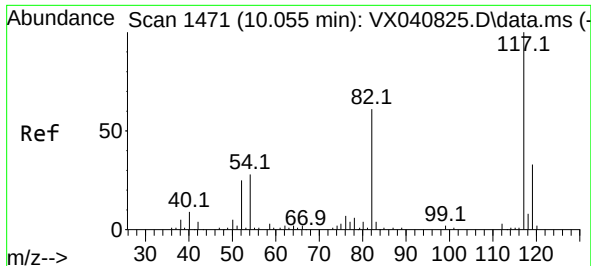
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#56
Bromoform
Concen: 19.597 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion:173 Resp: 8885
Ion Ratio Lower Upper
173 100
175 49.8 37.6 56.4
254 9.0 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: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

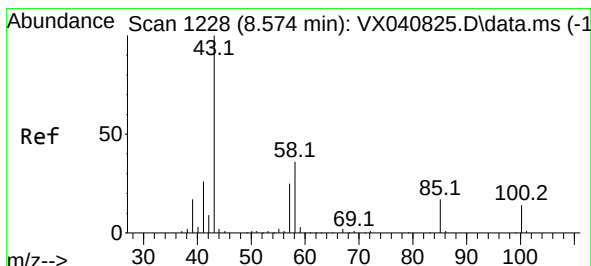
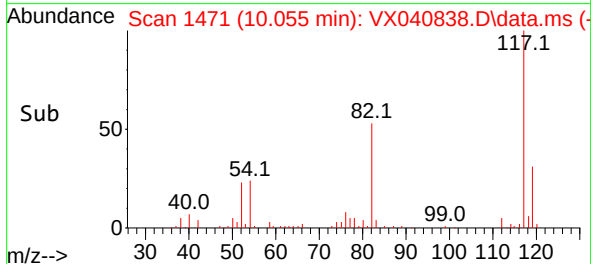
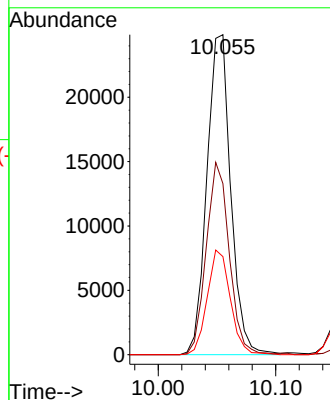
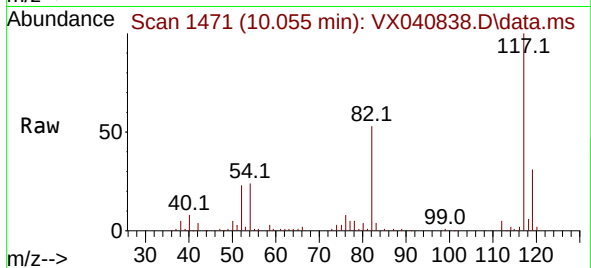
Tgt Ion:	117	Resp:	3512
Ion Ratio	Lower	Upper	
117	100		
82	57.9	47.0	70.6
119	31.7	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#58

4-Methyl-2-Pentanone

Concen: 100.314 ug/l

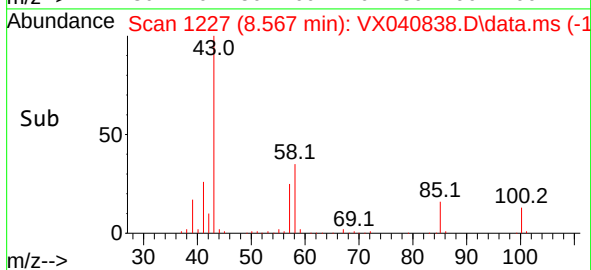
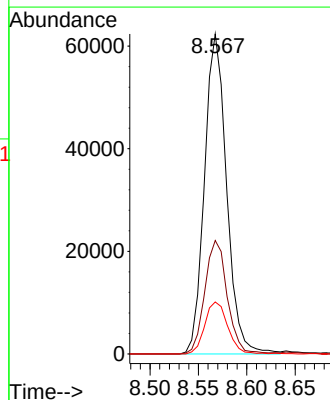
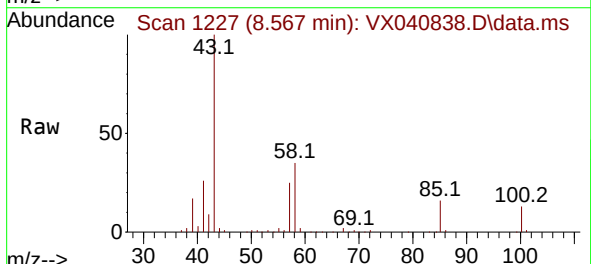
RT: 8.567 min Scan# 1227

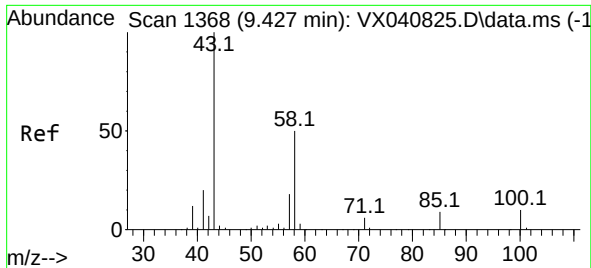
Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

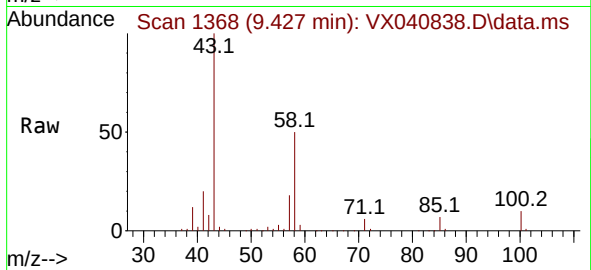
Tgt Ion:	43	Resp:	99520
Ion Ratio	Lower	Upper	
43	100		
58	35.6	30.1	45.1
85	16.8	13.9	20.9





#59
2-Hexanone
Concen: 96.072 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

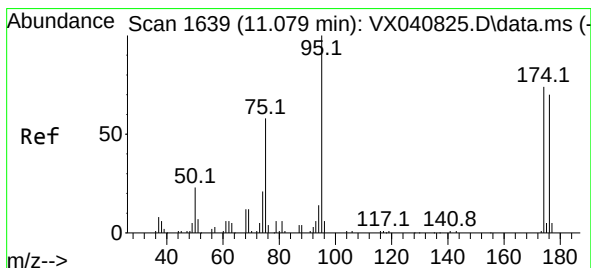
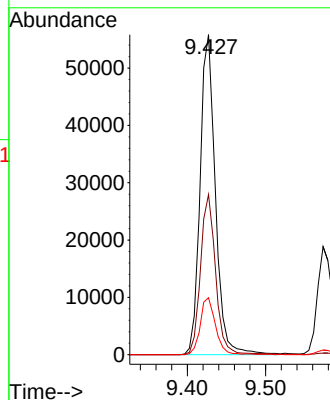
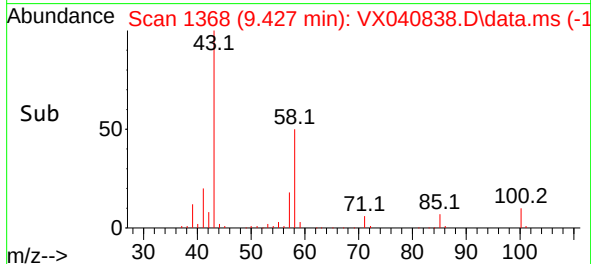
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 75958
Ion Ratio Lower Upper
43 100
58 49.4 42.7 64.1
57 17.6 14.8 22.2

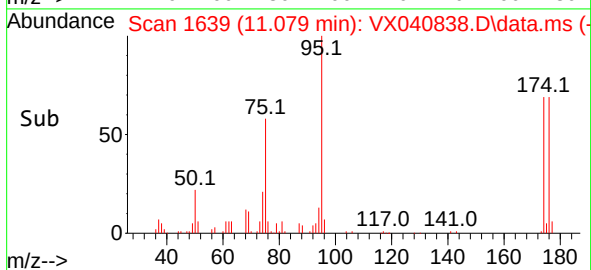
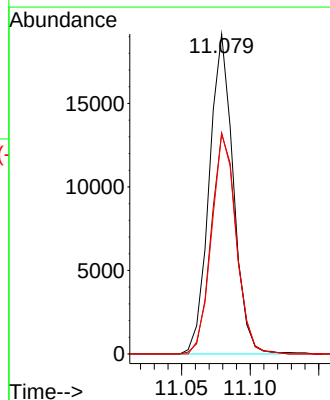
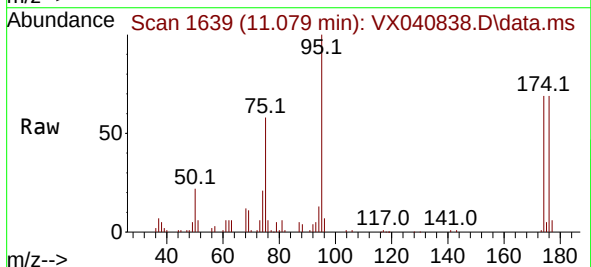
Manual Integrations
APPROVED

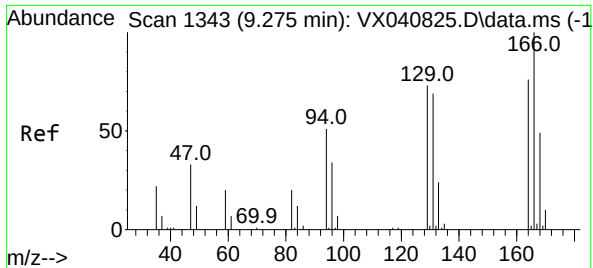
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#60
4-Bromofluorobenzene
Concen: 30.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

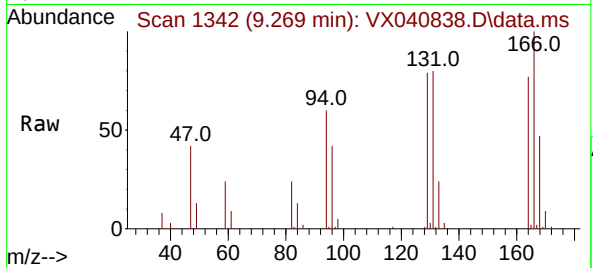
Tgt Ion: 95 Resp: 23342
Ion Ratio Lower Upper
95 100
174 71.6 55.4 83.2
176 70.3 52.6 78.8





#61
Tetrachloroethene
Concen: 20.190 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

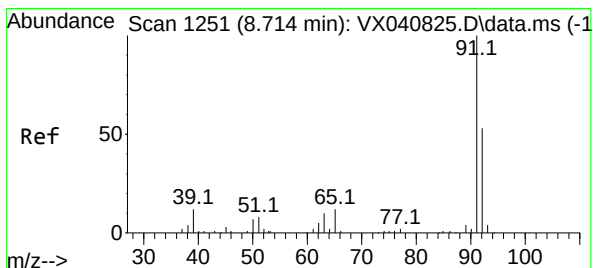
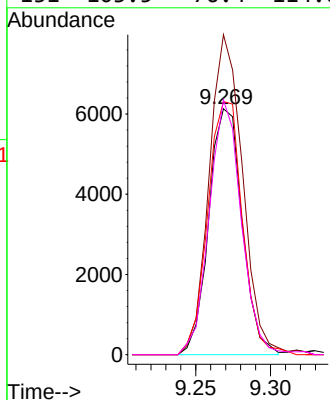
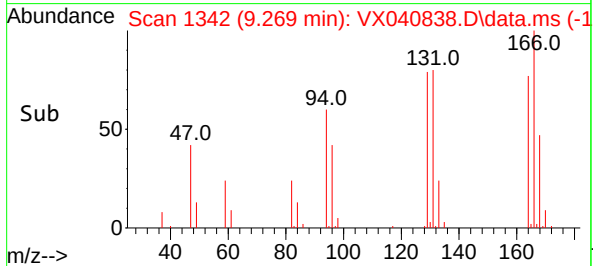
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



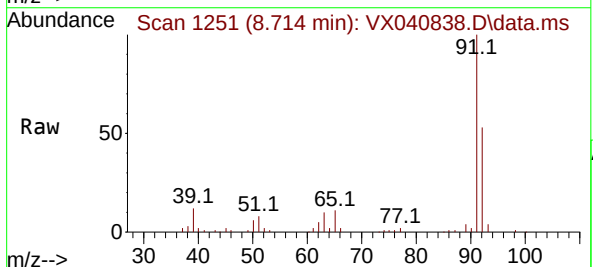
Tgt Ion:164 Resp: 950
Ion Ratio Lower Upper
164 100
166 130.1 104.0 156.0
129 102.9 82.0 123.0
131 103.5 76.4 114.6

Manual Integrations
APPROVED

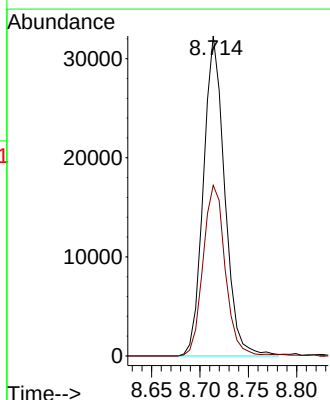
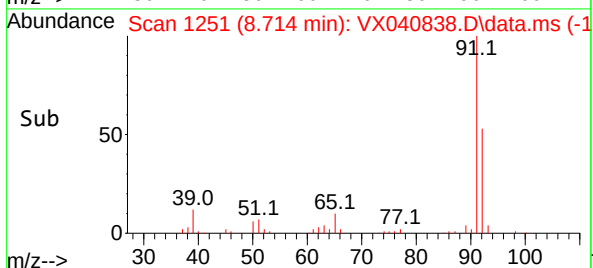
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

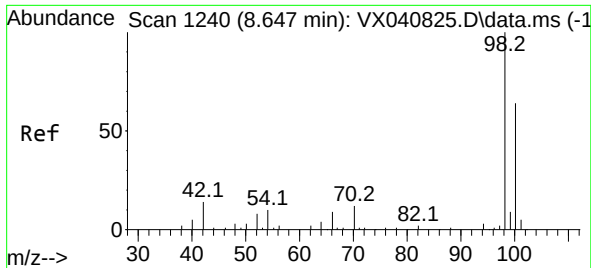


#62
Toluene
Concen: 20.841 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



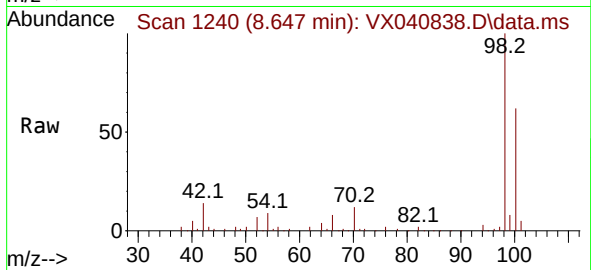
Tgt Ion: 91 Resp: 49513
Ion Ratio Lower Upper
91 100
92 55.2 45.9 68.9





#63
Toluene-d8
Concen: 30.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

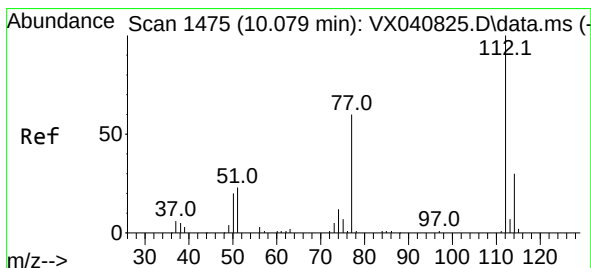
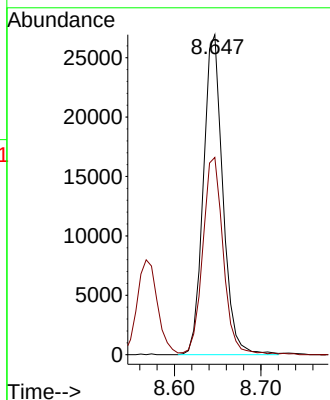
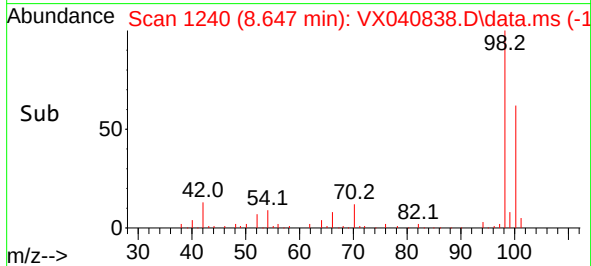
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 4206
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

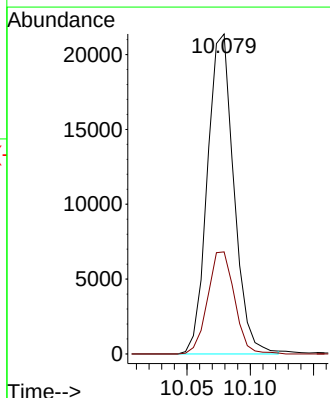
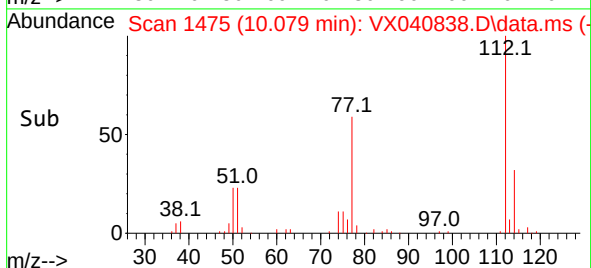
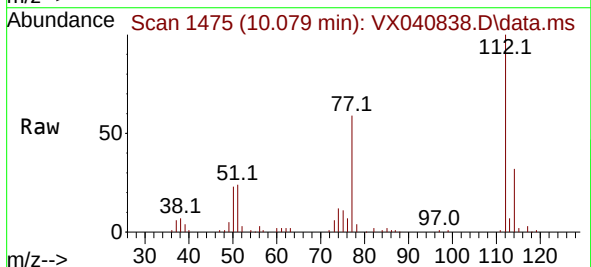
Manual Integrations
APPROVED

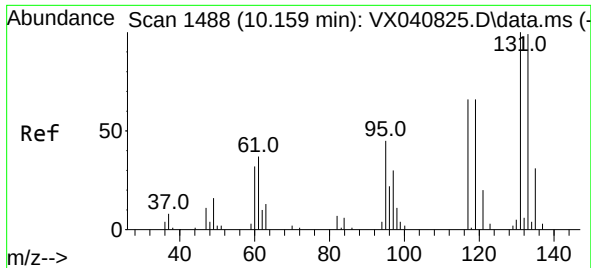
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#64
Chlorobenzene
Concen: 20.240 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

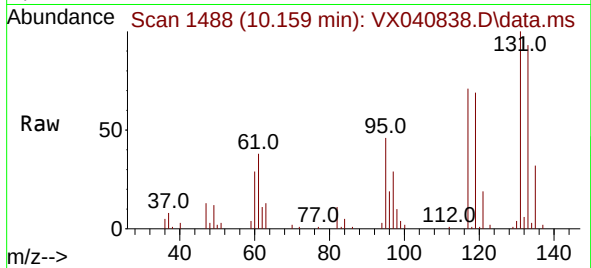
Tgt Ion:112 Resp: 31085
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 21.110 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

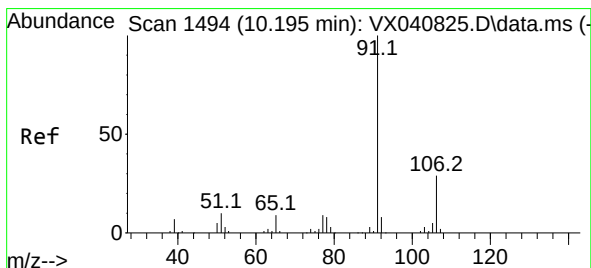
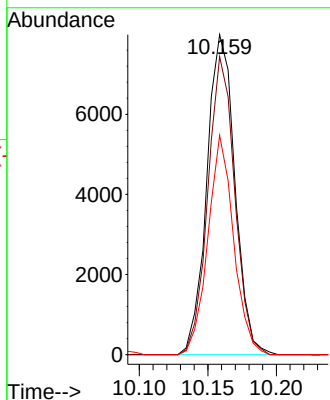
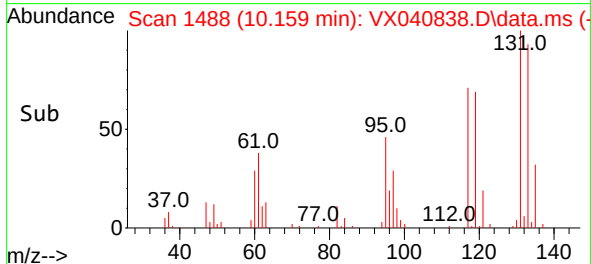
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 11362
Ion Ratio Lower Upper
131 100
133 89.3 0.0 191.8
119 62.8 0.0 135.4

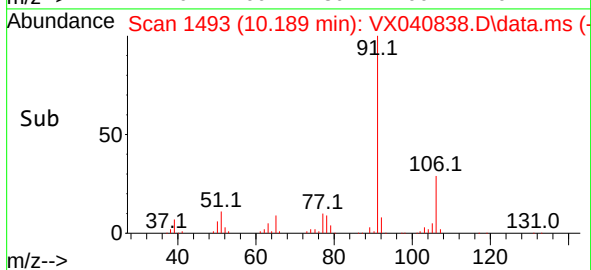
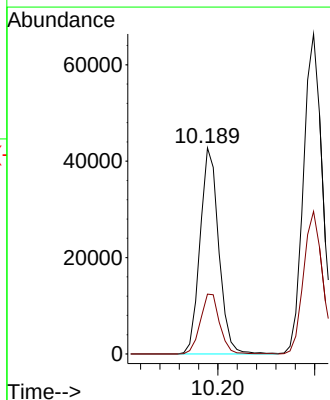
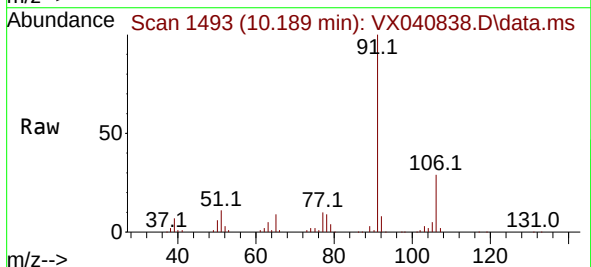
Manual Integrations
APPROVED

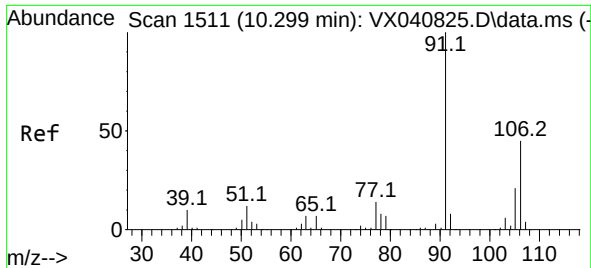
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#66
Ethyl Benzene
Concen: 20.603 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 91 Resp: 57535
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6





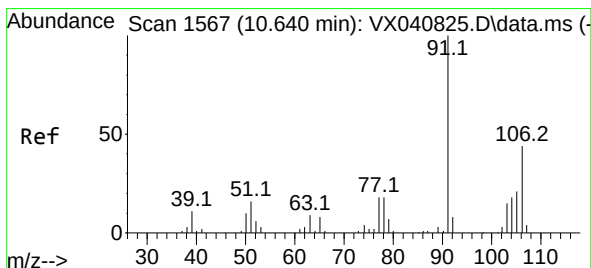
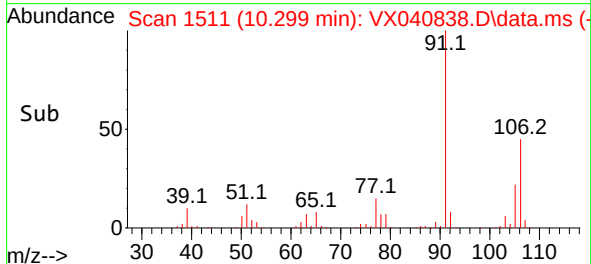
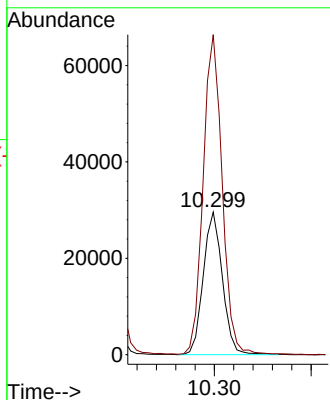
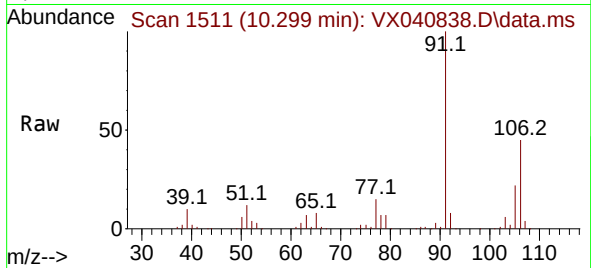
#67
m/p-Xylenes
Concen: 39.799 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 4080
Ion Ratio Lower Upper
106 100
91 221.6 169.4 254.0

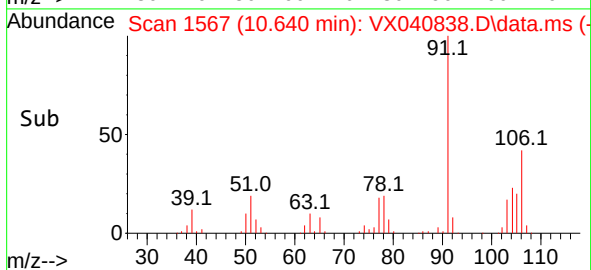
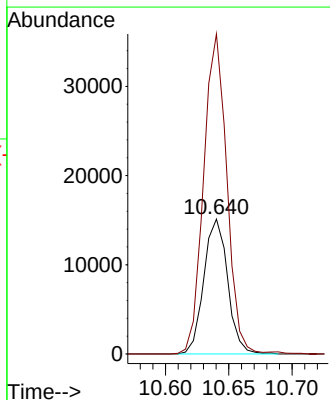
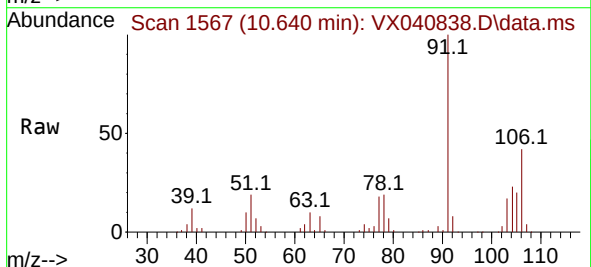
Manual Integrations
APPROVED

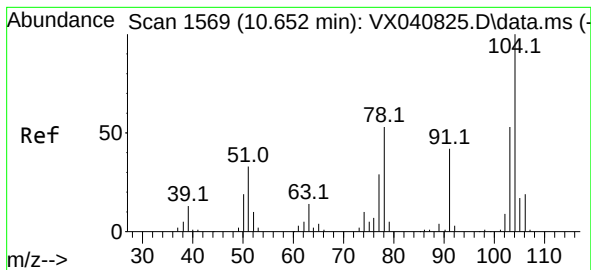
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#68
o-Xylene
Concen: 20.549 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion:106 Resp: 19846
Ion Ratio Lower Upper
106 100
91 230.1 111.2 333.6





#69

Styrene

Concen: 20.083 ug/l

RT: 10.652 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

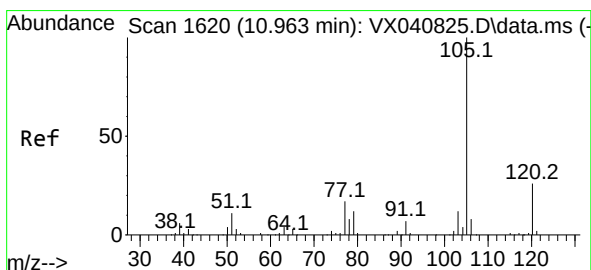
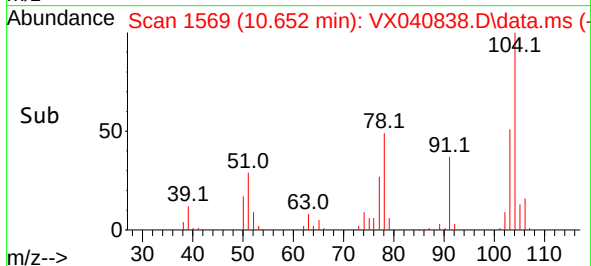
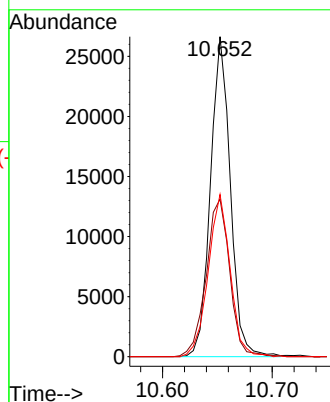
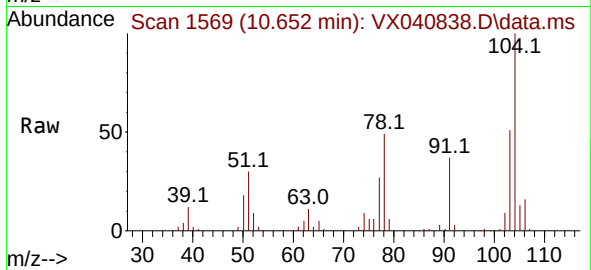
Tgt Ion:104	Resp:	3365
Ion Ratio	Lower	Upper
104	100	
78	58.2	43.7 65.5
103	55.6	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#70

Isopropylbenzene

Concen: 20.406 ug/l

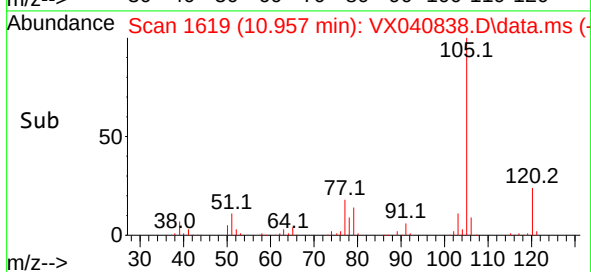
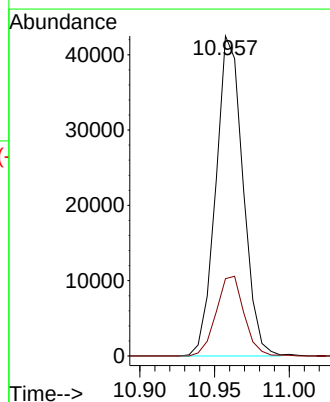
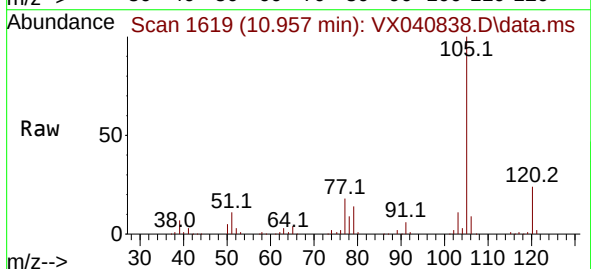
RT: 10.957 min Scan# 1619

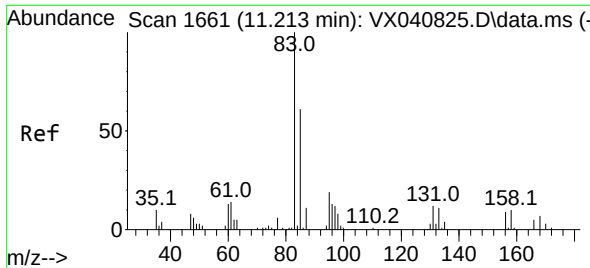
Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

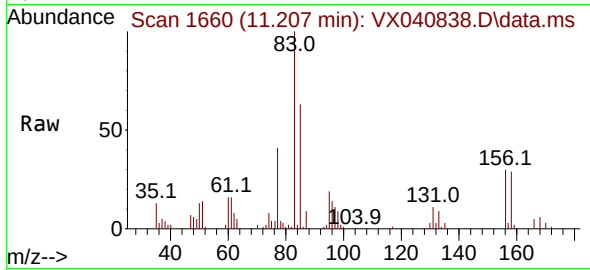
Tgt Ion:105	Resp:	53687
Ion Ratio	Lower	Upper
105	100	
120	25.6	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.628 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

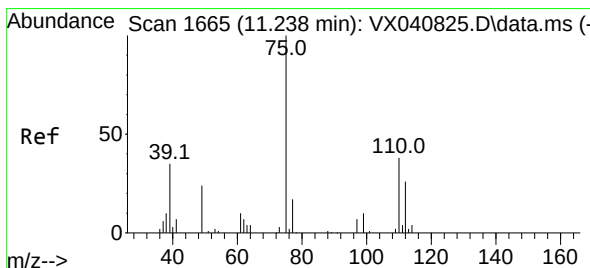
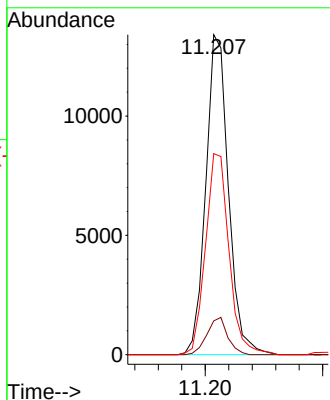
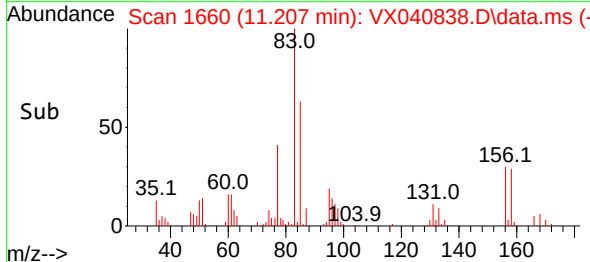
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



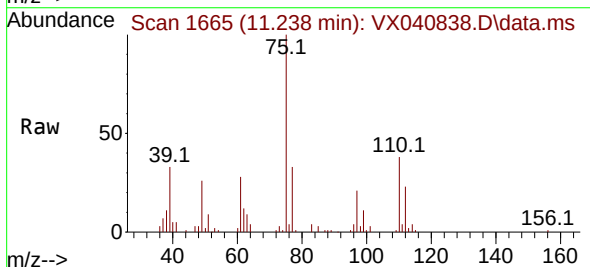
Tgt Ion: 83 Resp: 17934
Ion Ratio Lower Upper
83 100
131 10.6 4.6 13.8
85 65.2 32.5 97.4

Manual Integrations
APPROVED

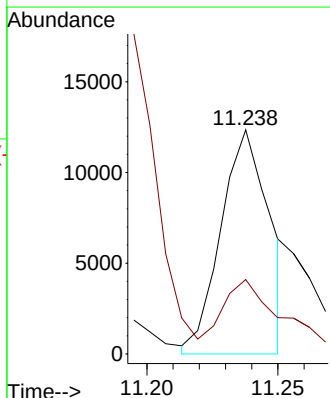
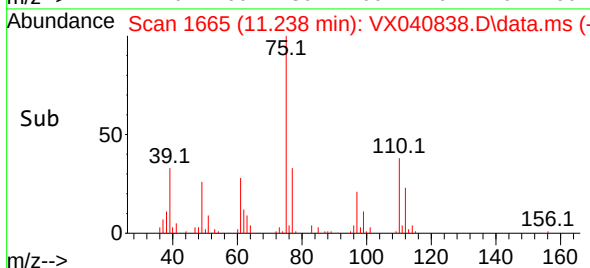
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

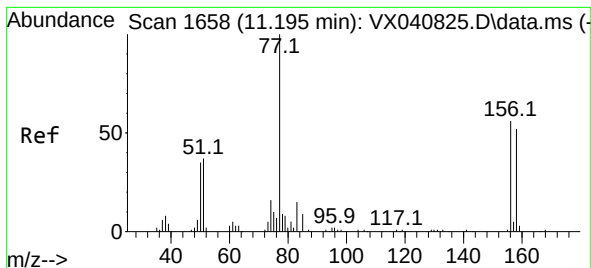


#72
1,2,3-Trichloropropane
Concen: 20.567 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



Tgt Ion: 75 Resp: 15910
Ion Ratio Lower Upper
75 100
77 42.5 0.0 76.4





#73

Bromobenzene

Concen: 20.489 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

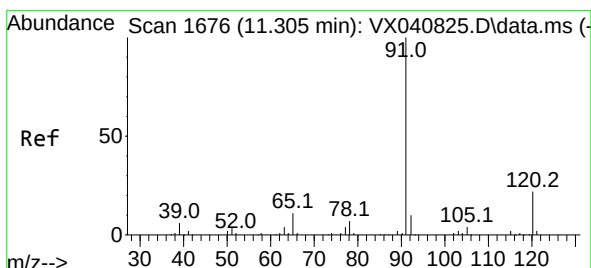
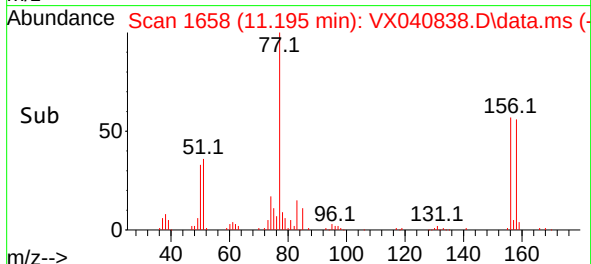
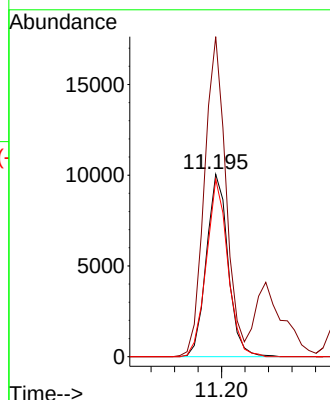
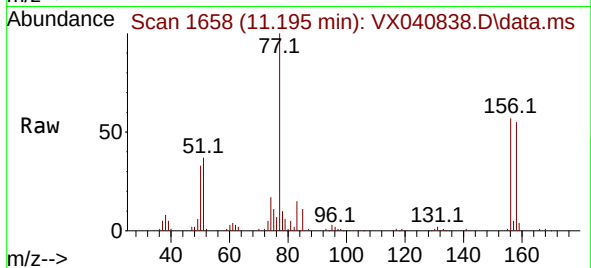
Tgt Ion:	156	Resp:	12854
Ion Ratio	Lower	Upper	
156	100		
77	174.3	0.0	363.2
158	96.7	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#74

n-propylbenzene

Concen: 20.580 ug/l

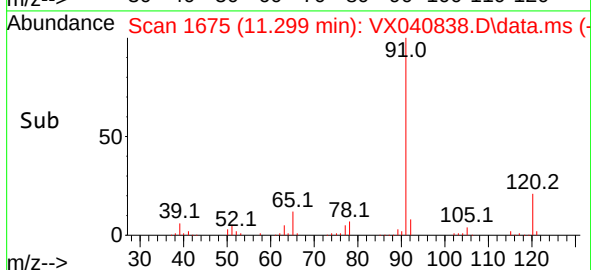
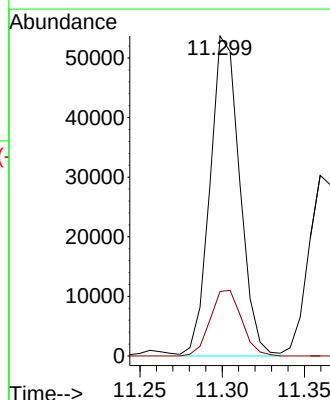
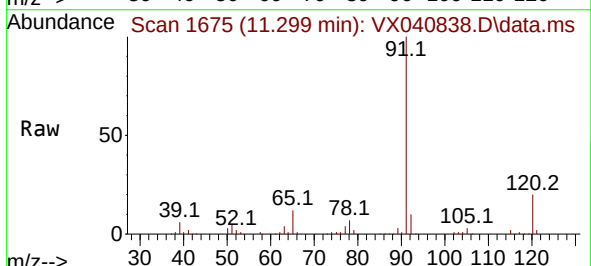
RT: 11.299 min Scan# 1675

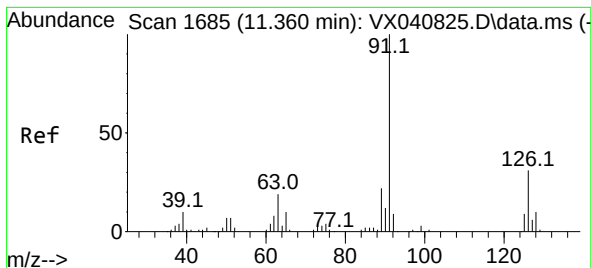
Delta R.T. -0.006 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Tgt Ion:	91	Resp:	67594
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





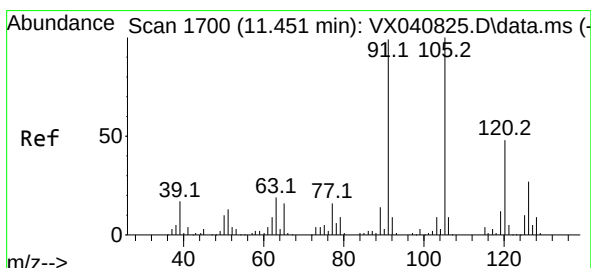
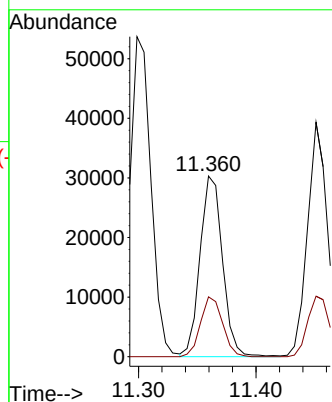
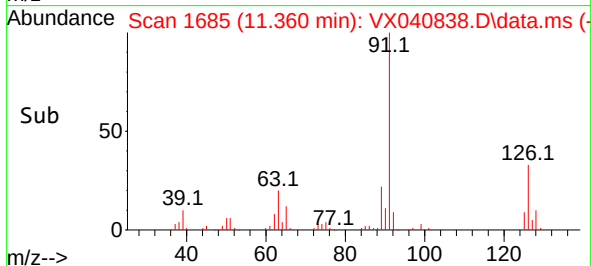
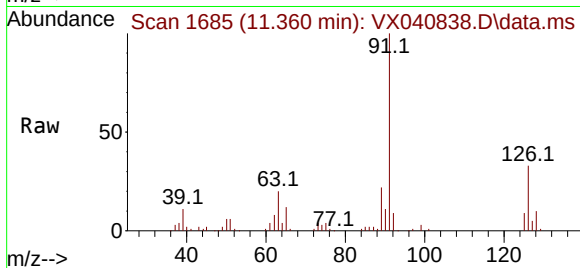
#75
2-Chlorotoluene
Concen: 20.786 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 40369
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.2

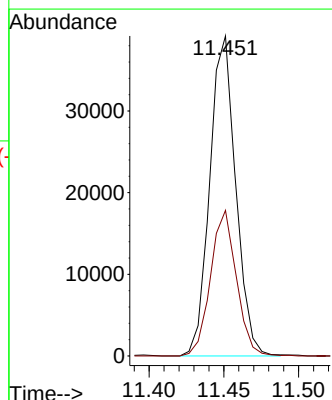
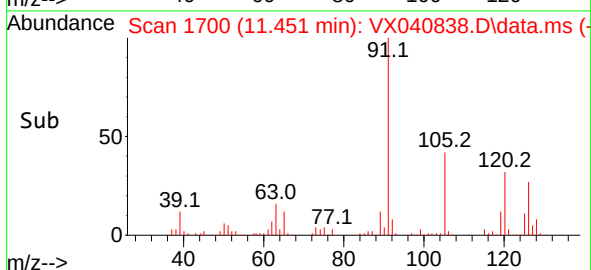
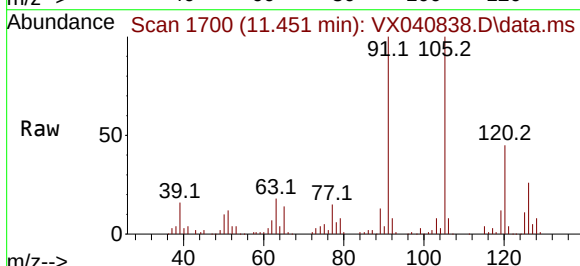
Manual Integrations
APPROVED

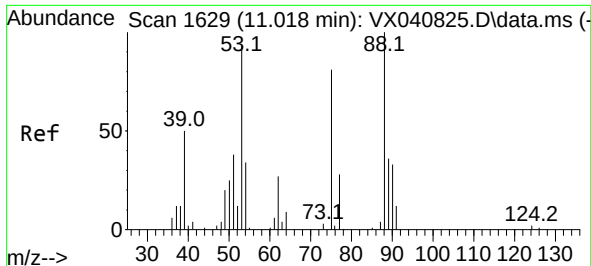
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.813 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion:105 Resp: 47384
Ion Ratio Lower Upper
105 100
120 45.3 0.0 92.6





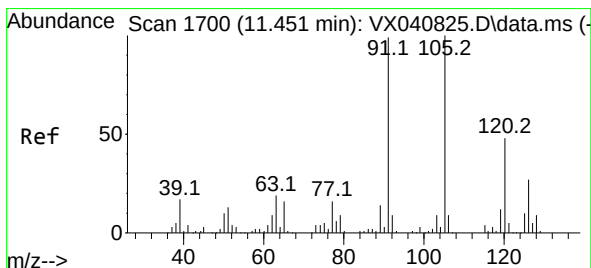
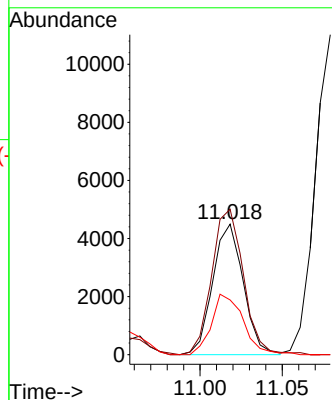
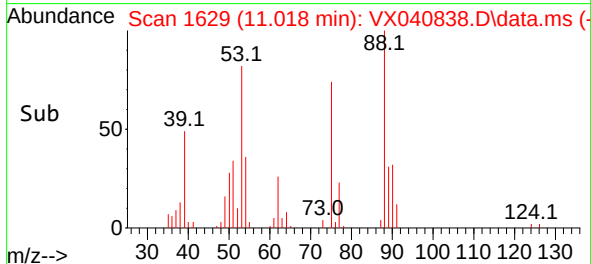
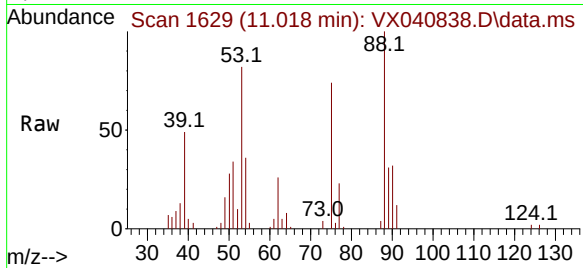
#77
t-1,4-Dichloro-2-butene
Concen: 18.888 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 581
Ion Ratio Lower Upper
75 100
53 111.3 46.9 140.8
89 41.9 21.3 63.7

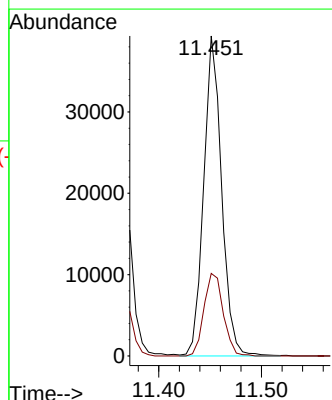
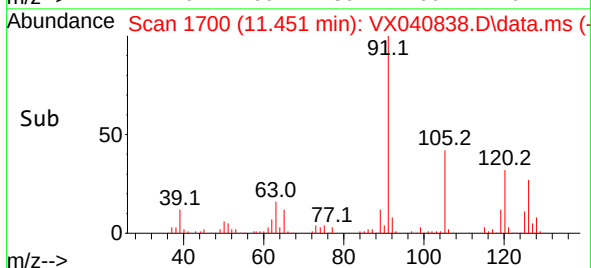
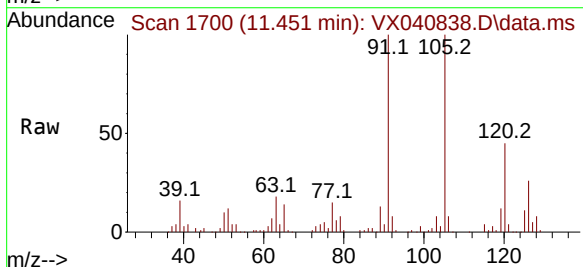
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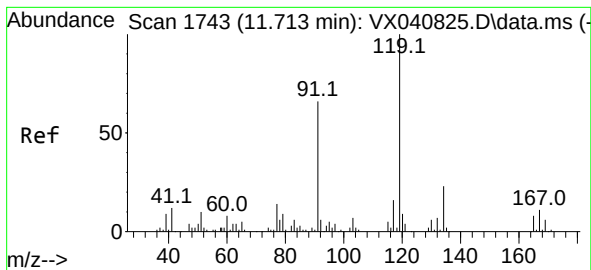
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#78
4-Chlorotoluene
Concen: 20.684 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion: 91 Resp: 47738
Ion Ratio Lower Upper
91 100
126 27.6 0.0 57.4





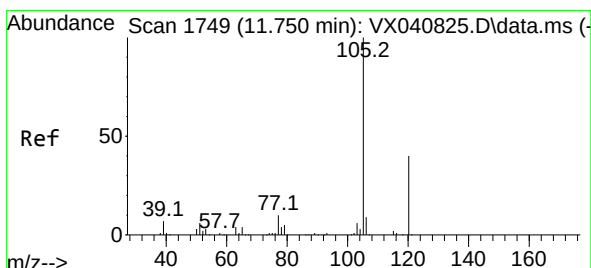
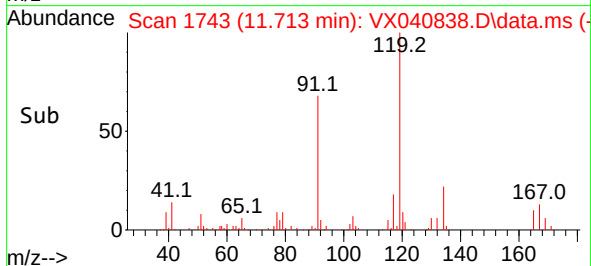
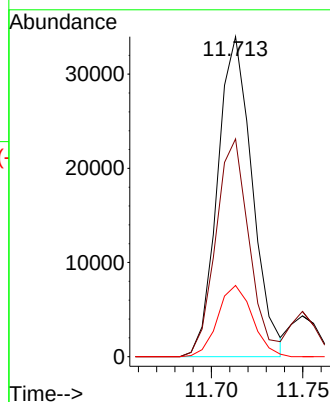
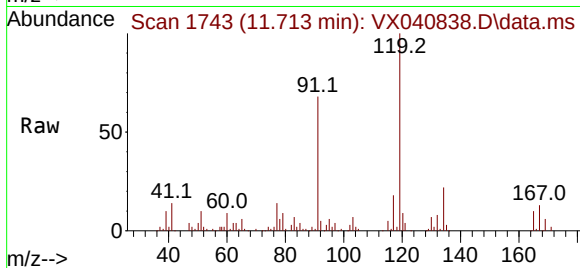
#79
tert-butylbenzene
Concen: 20.524 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 44964
Ion Ratio Lower Upper
119 100
91 65.9 0.0 125.6
134 22.3 0.0 43.8

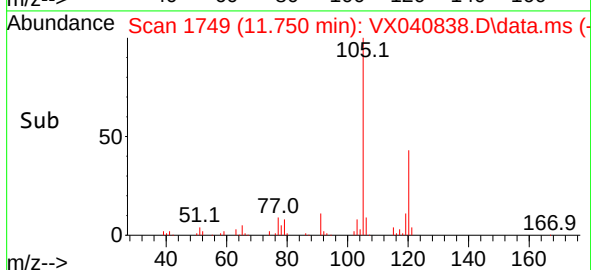
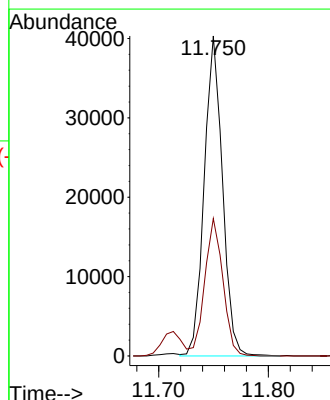
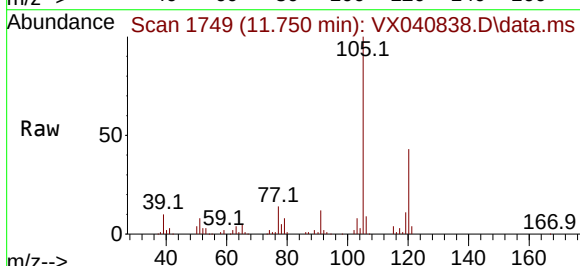
Manual Integrations
APPROVED

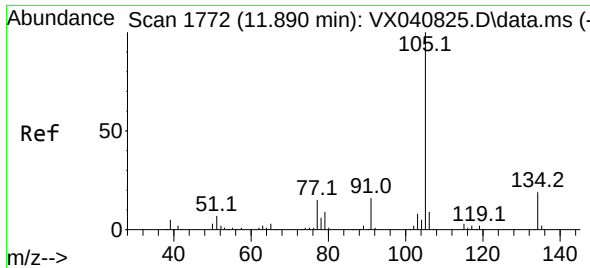
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.642 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion:105 Resp: 46571
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.4





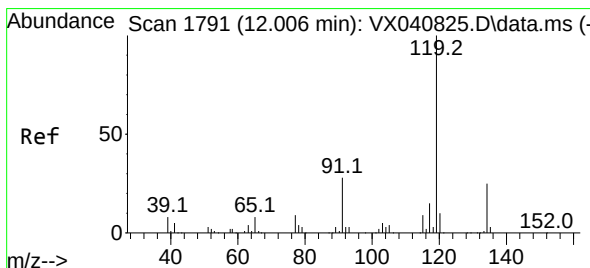
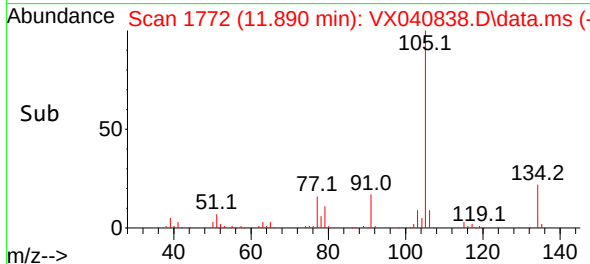
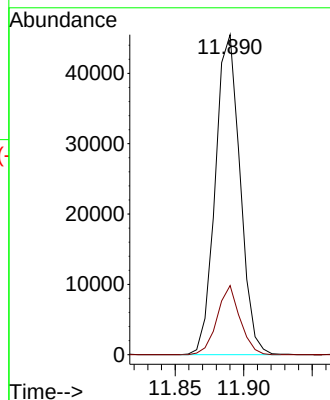
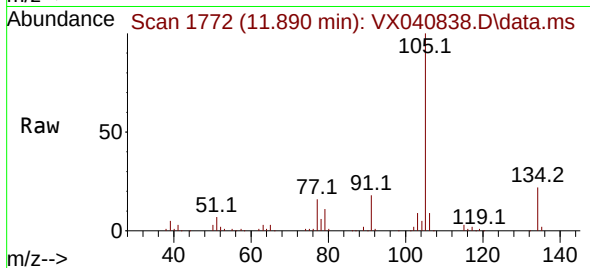
#81
 sec-Butylbenzene
 Concen: 20.322 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040838.D
 Acq: 29 Mar 2024 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 57085
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.4

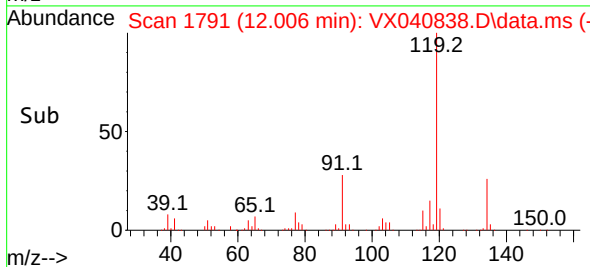
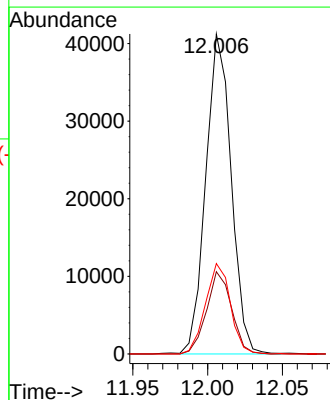
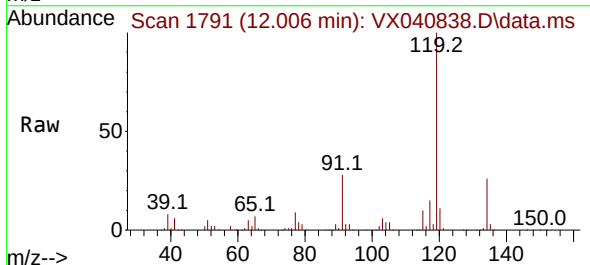
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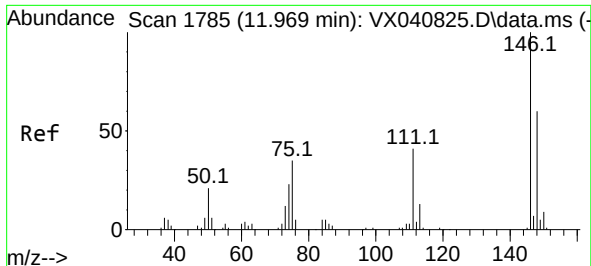
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#82
 p-Isopropyltoluene
 Concen: 20.470 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040838.D
 Acq: 29 Mar 2024 15:26

Tgt Ion:119 Resp: 48693
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.6
 91 27.7 0.0 54.2





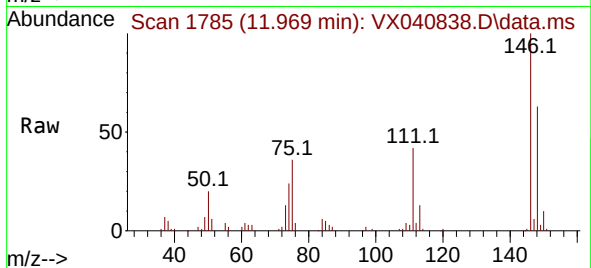
#83
1,3-Dichlorobenzene
Concen: 20.577 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



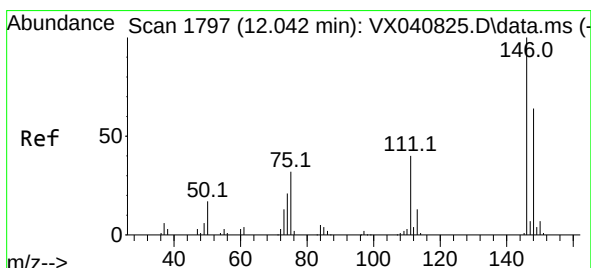
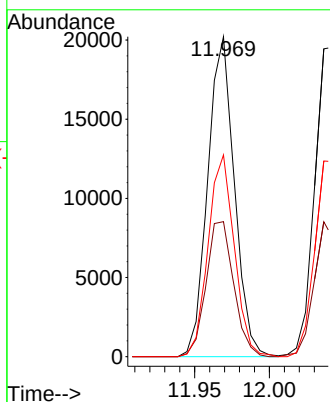
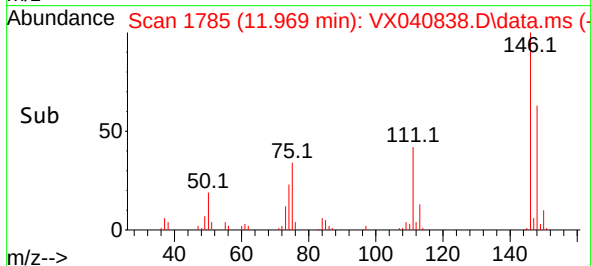
Tgt Ion:146 Resp: 25060
Ion Ratio Lower Upper
146 100
111 43.8 22.3 66.9
148 62.0 32.8 98.3

Manual Integrations

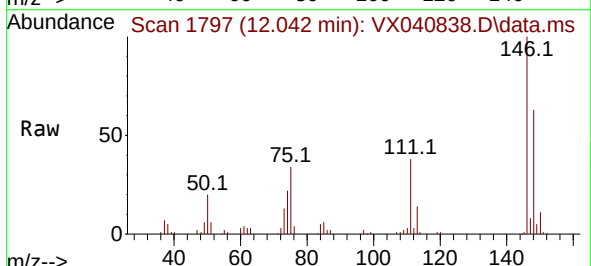
APPROVED

Reviewed By :John Carlone 04/01/2024

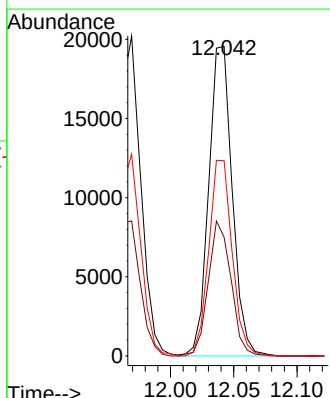
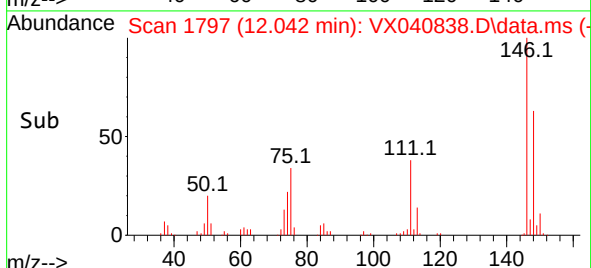
Supervised By :Mahesh Dadoda 04/01/2024

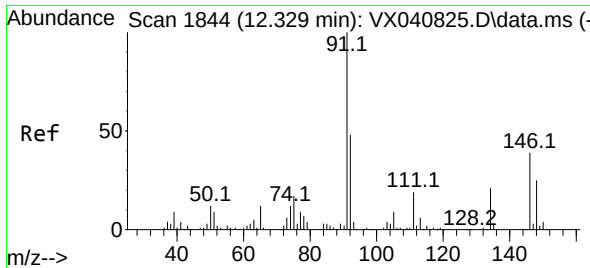


#84
1,4-Dichlorobenzene
Concen: 20.195 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



Tgt Ion:146 Resp: 25352
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 62.8 31.8 95.4





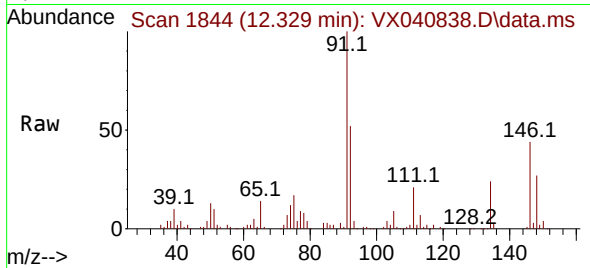
#85
n-Butylbenzene
Concen: 17.877 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



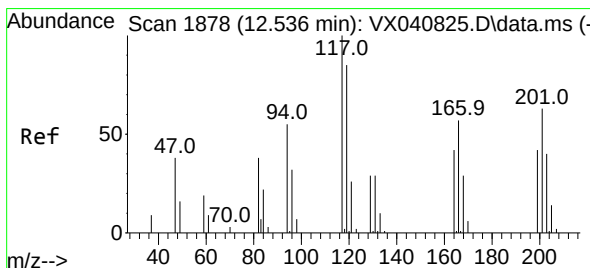
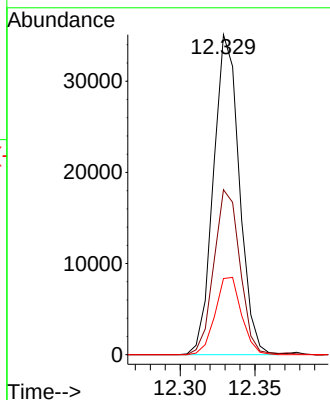
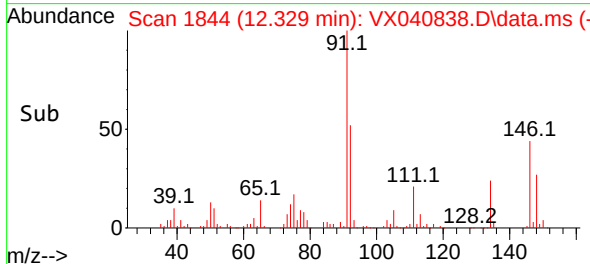
Tgt Ion: 91 Resp: 4229
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.2
134 24.5 0.0 48.8

Manual Integrations

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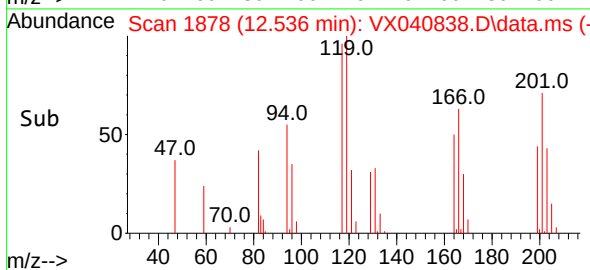
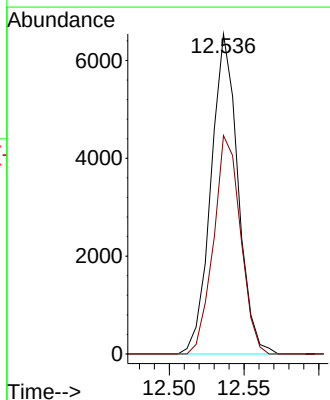
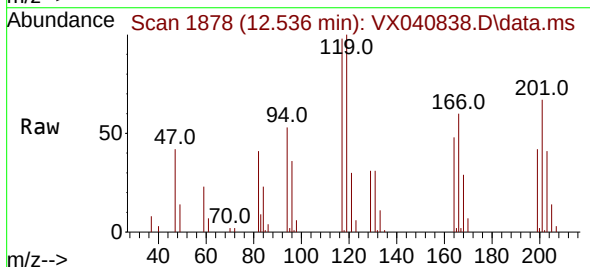
Reviewed By :John Carlone 04/01/2024

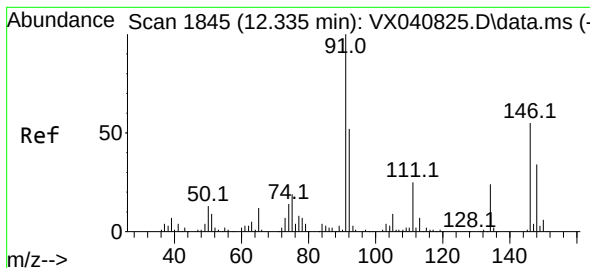
Supervised By :Mahesh Dadoda 04/01/2024



#86
Hexachloroethane
Concen: 19.391 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Tgt Ion:117 Resp: 8195
Ion Ratio Lower Upper
117 100
201 68.3 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 18.993 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 22380

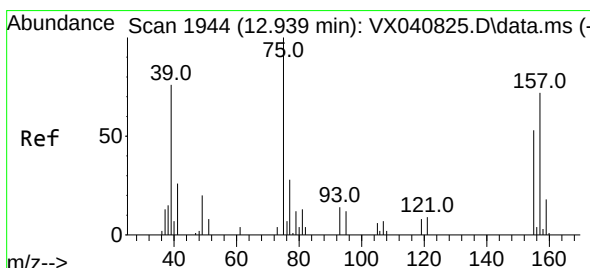
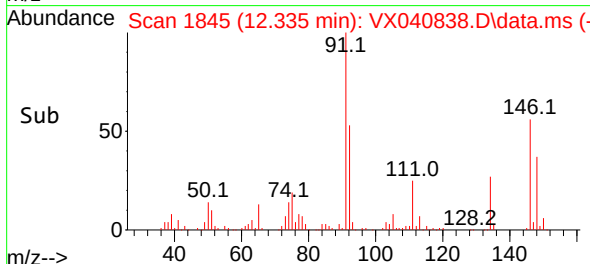
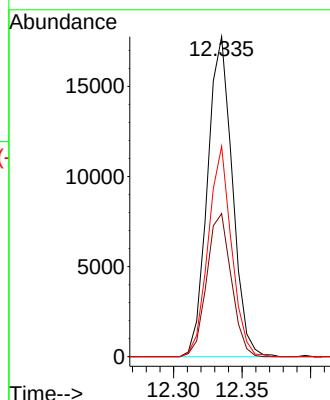
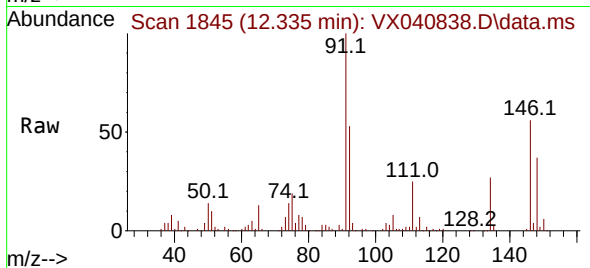
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.4	67.2
148	61.7	31.9	95.7

Manual Integrations

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Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.380 ug/l

RT: 12.939 min Scan# 1944

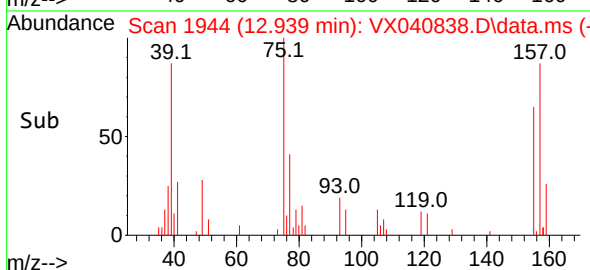
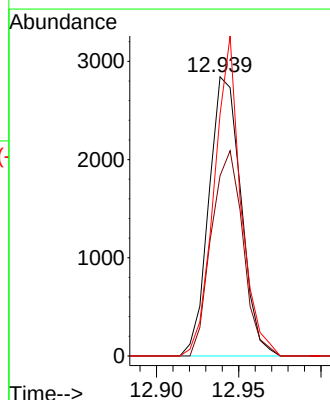
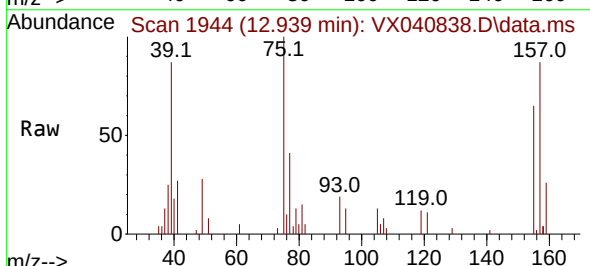
Delta R.T. -0.000 min

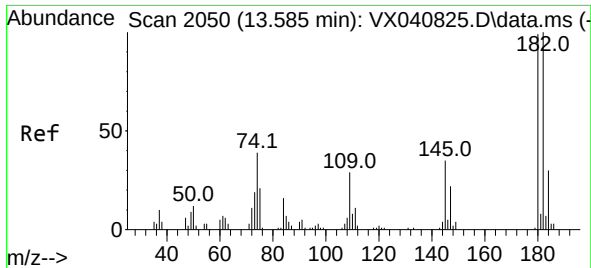
Lab File: VX040838.D

Acq: 29 Mar 2024 15:26

Tgt Ion: 75 Resp: 3852

Ion	Ratio	Lower	Upper
75	100		
155	72.5	58.2	87.4
157	95.0	76.5	114.7





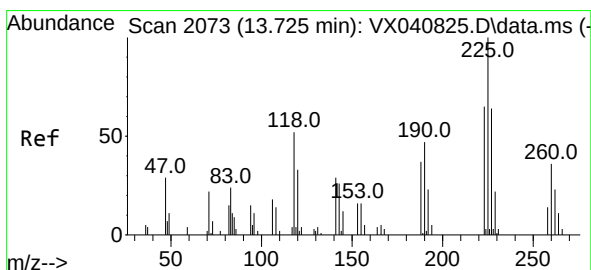
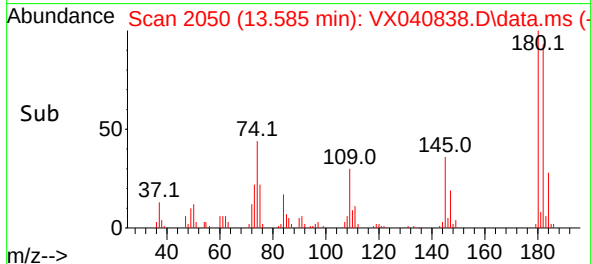
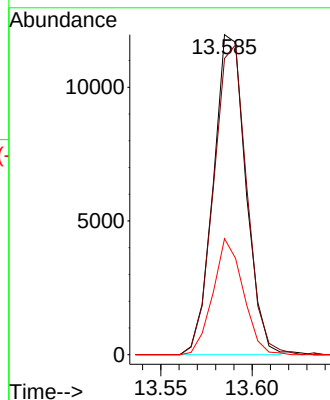
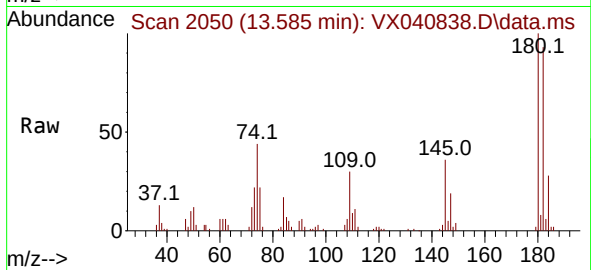
#89
1,2,4-Trichlorobenzene
Concen: 18.025 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 1481
Ion Ratio Lower Upper
180 100
182 98.3 74.5 111.7
145 33.8 26.6 40.0

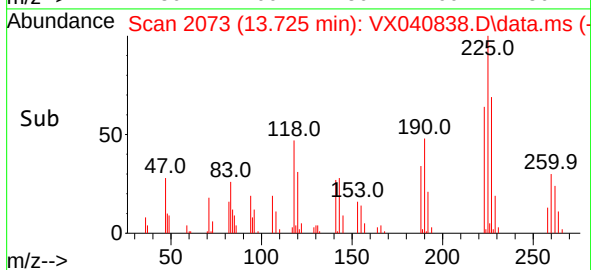
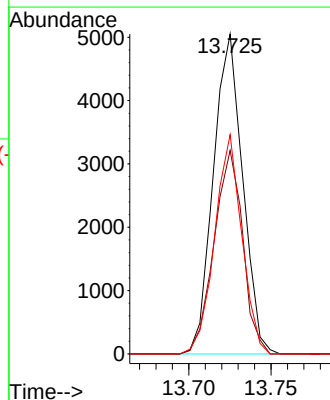
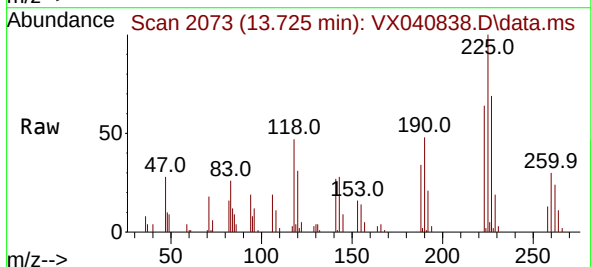
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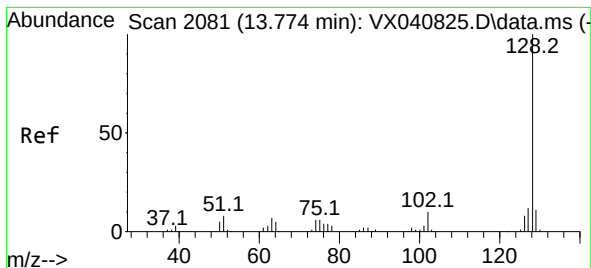
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#90
Hexachlorobutadiene
Concen: 20.273 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

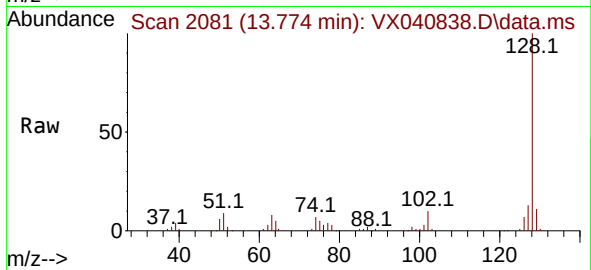
Tgt Ion:225 Resp: 6250
Ion Ratio Lower Upper
225 100
223 62.2 0.0 124.4
227 63.6 0.0 124.4





#91
Naphthalene
Concen: 19.548 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26

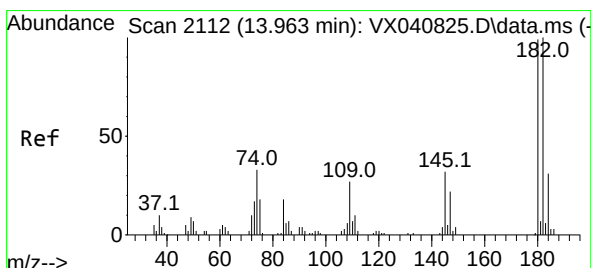
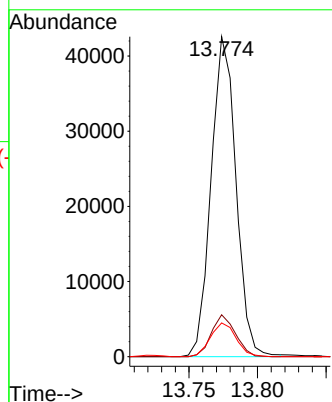
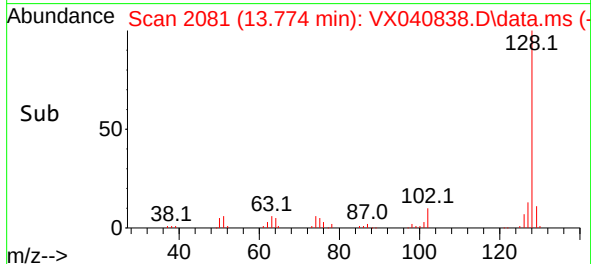
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



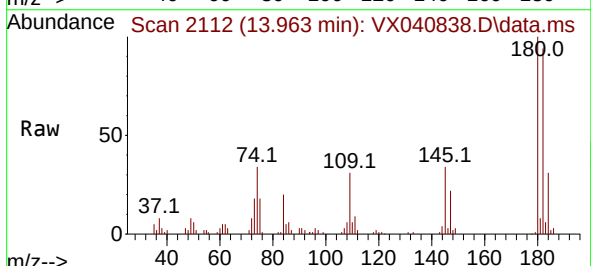
Tgt Ion:128 Resp: 53744
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.862 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040838.D
Acq: 29 Mar 2024 15:26



Tgt Ion:180 Resp: 15564
Ion Ratio Lower Upper
180 100
182 97.5 0.0 191.6
145 35.1 0.0 69.6

