

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040410.D
 Acq On : 22 Feb 2024 20:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 23 06:30:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	884	0.902	ug/l	89
3) Chloromethane	1.301	50	1223	1.104	ug/l #	68
4) Vinyl Chloride	1.374	62	1099	0.994	ug/l #	88
6) Chloroethane	1.685	64	666	1.000	ug/l	89
7) Trichlorofluoromethane	1.892	101	1791	1.016	ug/l #	74
8) Diethyl Ether	2.130	74	662	1.051	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.325	101	1009	1.083	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	833	0.927	ug/l #	93
14) Allyl chloride	2.654	41	1621	0.977	ug/l	94
15) Acrylonitrile	3.062	53	2812	4.685	ug/l	94
16) Acetone	2.374	43	2876	5.211	ug/l #	87
17) Carbon Disulfide	2.508	76	2518	1.019	ug/l #	83
18) Methyl Acetate	2.703	43	1312	0.918	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	2921	0.912	ug/l #	87
20) Methylene Chloride	2.782	84	1519	1.315	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	1087	1.072	ug/l	82
22) Diisopropyl ether	3.757	45	2841	0.866	ug/l	98
23) Vinyl Acetate	3.721	43	12724	4.249	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1772	0.934	ug/l #	93
25) 2-Butanone	4.556	43	3790	4.405	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	1188	0.959	ug/l #	61
27) cis-1,2-Dichloroethene	4.495	96	1021	0.903	ug/l	75
28) Bromochloromethane	4.904	49	1054m	1.191	ug/l	
29) Tetrahydrofuran	5.013	42	2651	4.628	ug/l #	82
30) Chloroform	5.099	83	2073	1.014	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	1569	0.927	ug/l #	41
36) 1,1-Dichloropropene	5.684	75	1520	1.007	ug/l	87
37) Ethyl Acetate	4.721	43	1559	0.904	ug/l #	84
38) Carbon Tetrachloride	5.678	117	1244	0.891	ug/l #	91
39) Methylcyclohexane	7.373	83	1362	0.852	ug/l	94
40) Benzene	6.031	78	3833	0.934	ug/l	93
41) Methacrylonitrile	4.922	41	807	0.882	ug/l #	80
42) 1,2-Dichloroethane	6.080	62	1501	0.880	ug/l	82
43) Isopropyl Acetate	6.330	43	2232	0.844	ug/l #	88
44) Trichloroethene	7.123	130	1064	0.991	ug/l	48
45) 1,2-Dichloropropane	7.434	63	1018	0.929	ug/l	89

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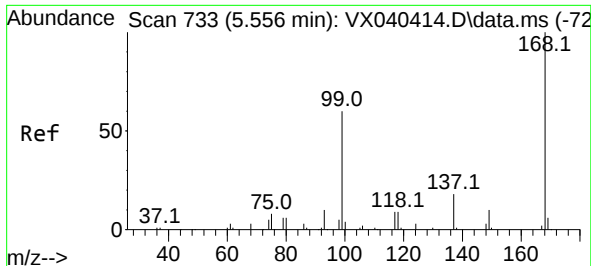
Quant Time: Feb 23 06:30:03 2024
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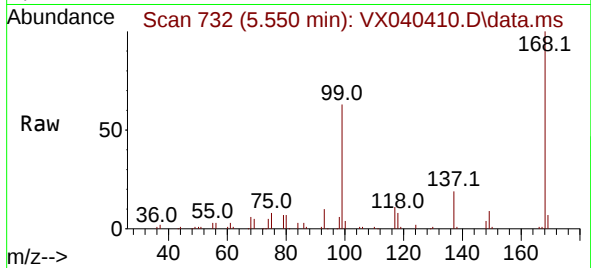
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	786	0.956	ug/l	92
47) Bromodichloromethane	7.818	83	1334	0.872	ug/l #	94
48) Methyl methacrylate	7.708	41	907	0.692	ug/l #	67
49) 1,4-Dioxane	7.671	88	326m	12.348	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	7290	4.058	ug/l	97
52) Toluene	8.720	92	2064	0.821	ug/l	83
53) t-1,3-Dichloropropene	8.994	75	1265	0.820	ug/l #	70
54) cis-1,3-Dichloropropene	8.360	75	1375	0.837	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	959	0.890	ug/l	96
56) Ethyl methacrylate	9.122	69	1267	0.770	ug/l	94
57) 1,3-Dichloropropane	9.305	76	1866	0.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	3592	4.353	ug/l	92
59) 2-Hexanone	9.427	43	5329	3.846	ug/l	97
60) Dibromochloromethane	9.519	129	831	0.769	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1021	0.882	ug/l	98
64) Tetrachloroethene	9.275	164	1043	1.054	ug/l #	93
65) Chlorobenzene	10.079	112	2423	0.890	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.153	131	758	0.796	ug/l #	55
67) Ethyl Benzene	10.189	91	4476	0.877	ug/l #	85
68) m/p-Xylenes	10.305	106	3196	1.717	ug/l	95
69) o-Xylene	10.640	106	1634	0.888	ug/l	85
70) Styrene	10.659	104	2362	0.779	ug/l	98
71) Bromoform	10.793	173	622	0.808	ug/l #	85
73) Isopropylbenzene	10.963	105	4002	0.891	ug/l	99
74) N-amyl acetate	10.848	43	1395	0.669	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1322	0.823	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	1456m	1.031	ug/l	
77) Bromobenzene	11.201	156	1114	1.014	ug/l	90
78) n-propylbenzene	11.305	91	4936	0.889	ug/l	99
79) 2-Chlorotoluene	11.366	91	3220	0.972	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	3329	0.872	ug/l	92
82) 4-Chlorotoluene	11.457	91	3624	0.933	ug/l	94
83) tert-Butylbenzene	11.713	119	3172	0.881	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	3356	0.871	ug/l	99
85) sec-Butylbenzene	11.890	105	4163	0.869	ug/l	98
86) p-Isopropyltoluene	12.006	119	3301	0.862	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	2142	1.020	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	2425m	1.114	ug/l	
89) n-Butylbenzene	12.329	91	3459	0.918	ug/l	94
90) Hexachloroethane	12.542	117	471	0.768	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	2036	1.002	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	254	0.693	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	1277	0.977	ug/l	95
94) Hexachlorobutadiene	13.725	225	346	0.731	ug/l #	58
95) Naphthalene	13.774	128	3400	0.810	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1177	0.935	ug/l	95

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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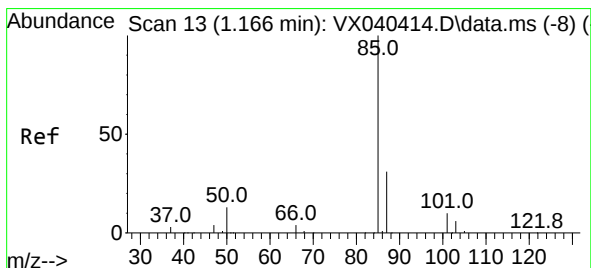
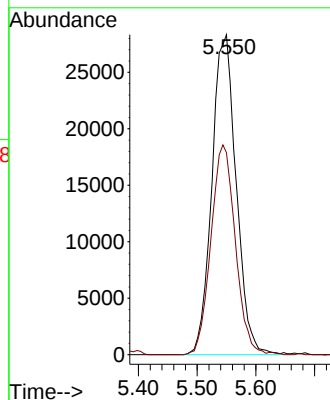
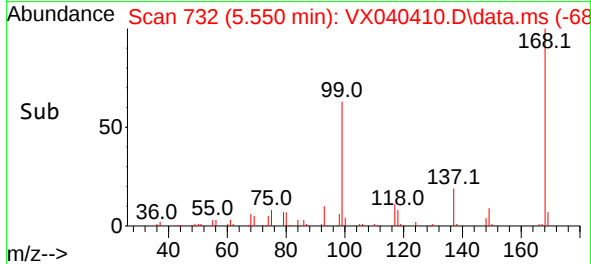
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 81329
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0

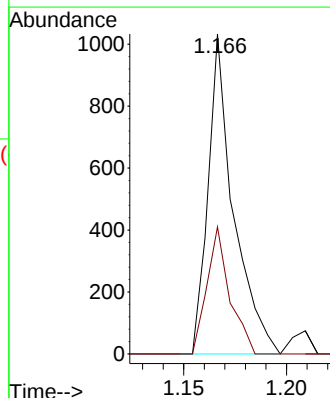
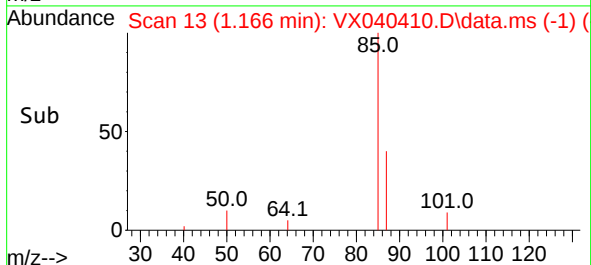
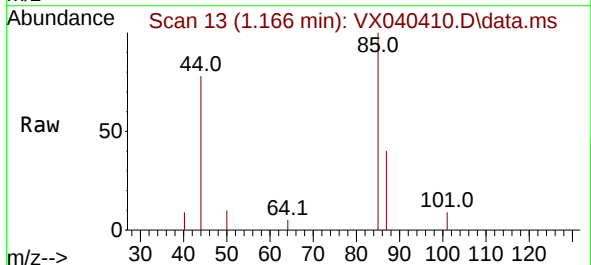
Manual Integrations
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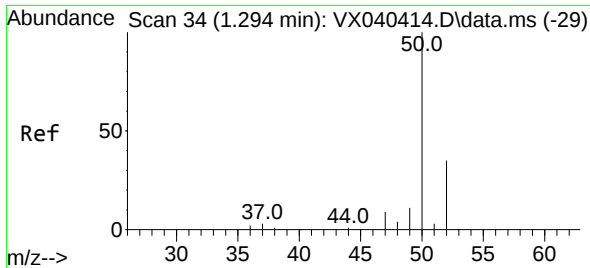
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 0.902 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 85 Resp: 884
Ion Ratio Lower Upper
85 100
87 39.7 16.7 50.1





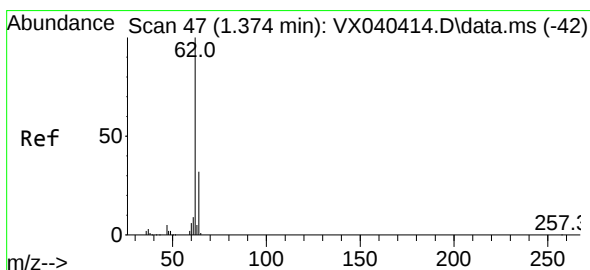
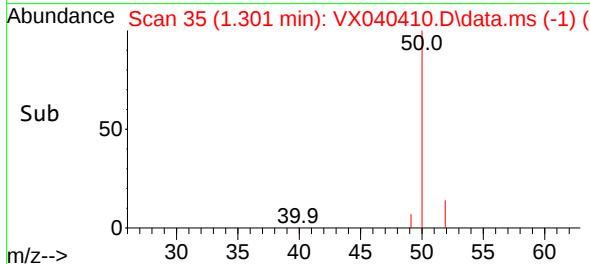
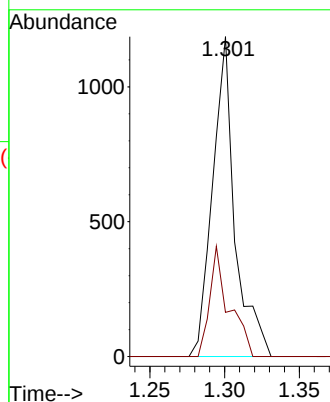
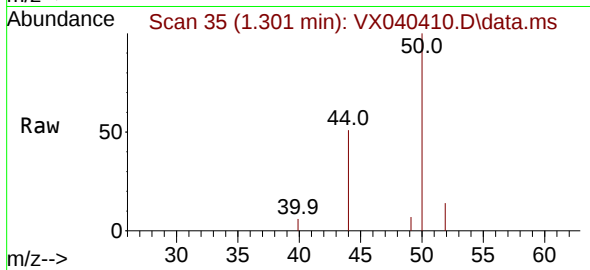
#3
Chloromethane
Concen: 1.104 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 122
Ion Ratio Lower Upper
50 100
52 13.8 25.5 38.3

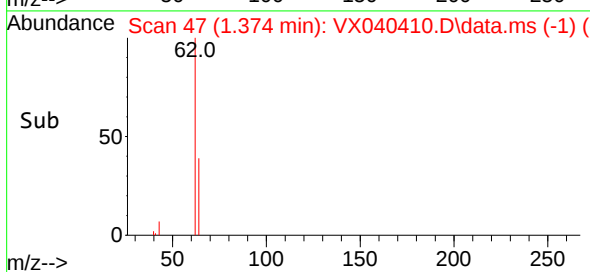
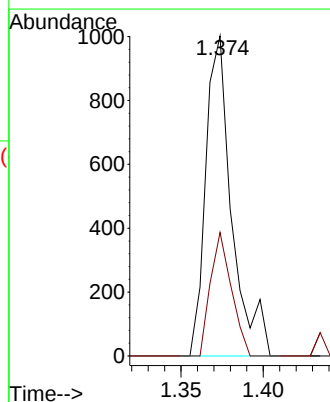
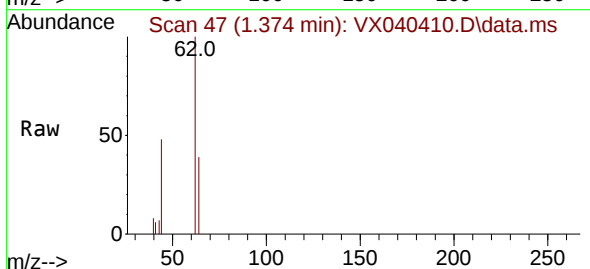
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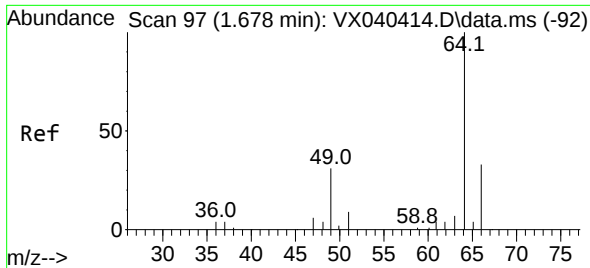
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#4
Vinyl Chloride
Concen: 0.994 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

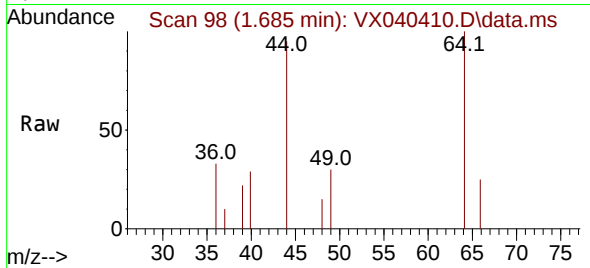
Tgt Ion: 62 Resp: 1099
Ion Ratio Lower Upper
62 100
64 38.6 25.4 38.0





#6
Chloroethane
Concen: 1.000 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

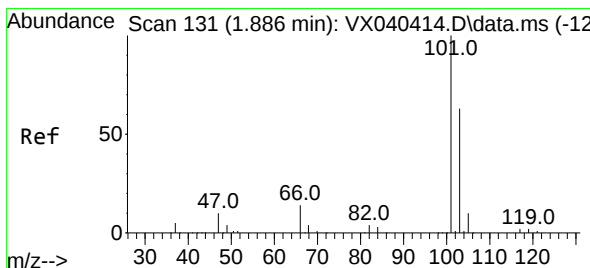
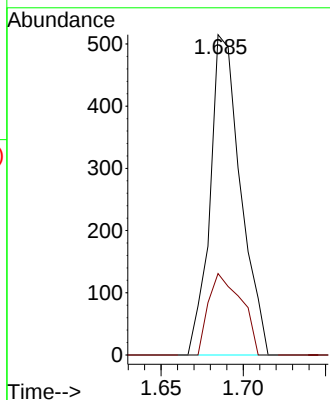
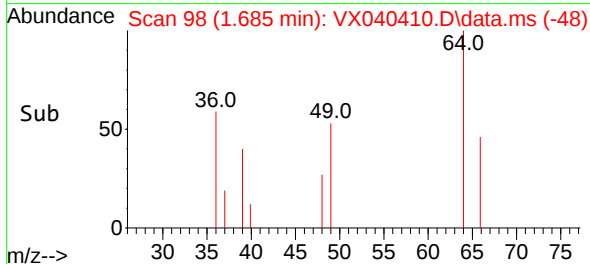
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 660
Ion Ratio Lower Upper
64 100
66 25.4 25.1 37.7

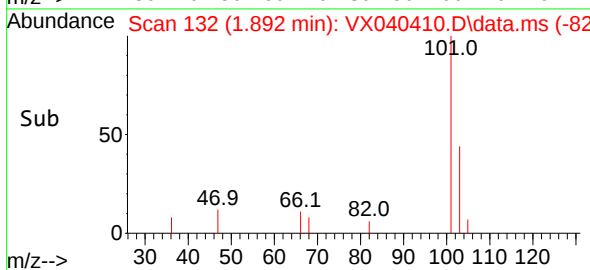
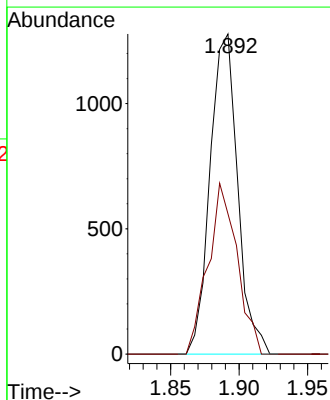
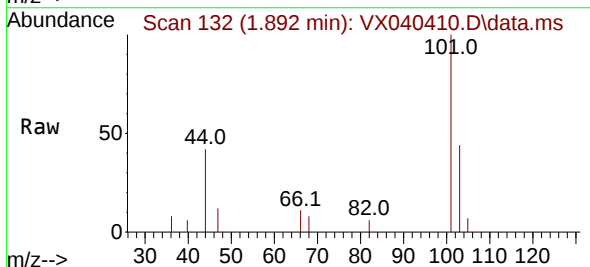
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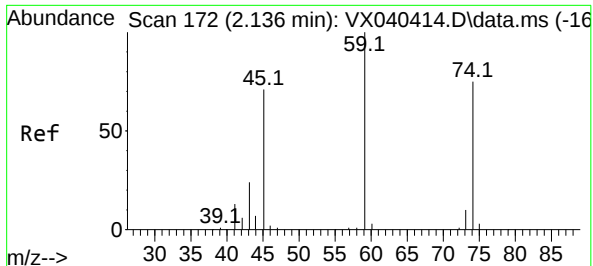
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#7
Trichlorofluoromethane
Concen: 1.016 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

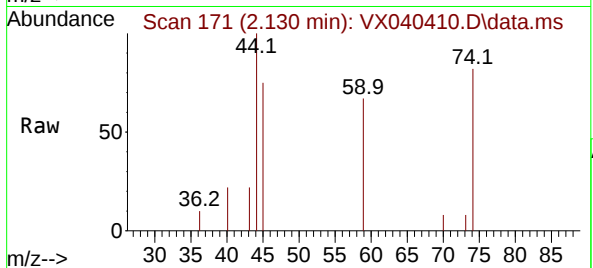
Tgt Ion:101 Resp: 1791
Ion Ratio Lower Upper
101 100
103 43.8 51.4 77.2#





#8
Diethyl Ether
Concen: 1.051 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

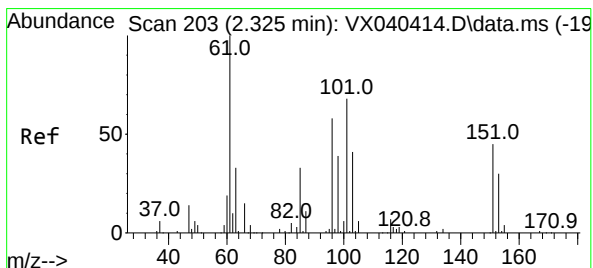
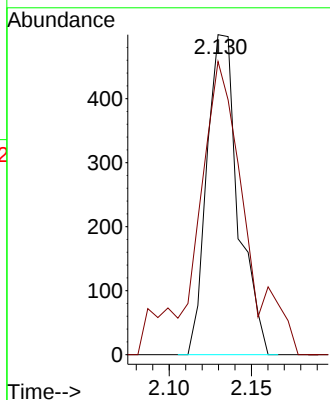
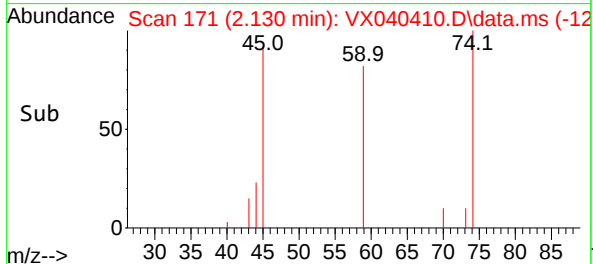
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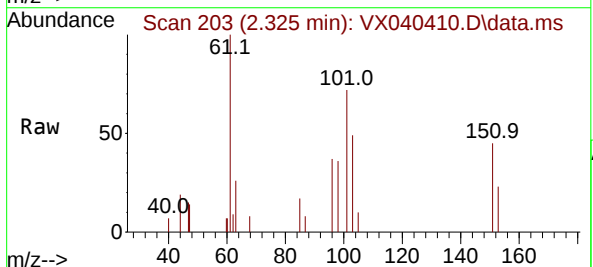
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Ion Ratio Lower Upper
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45 139.6 53.3 159.8

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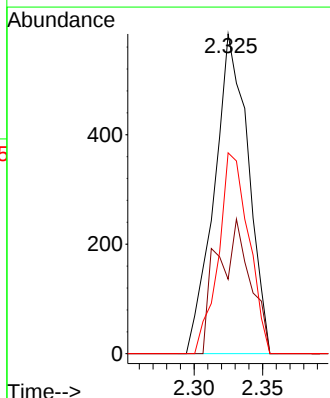
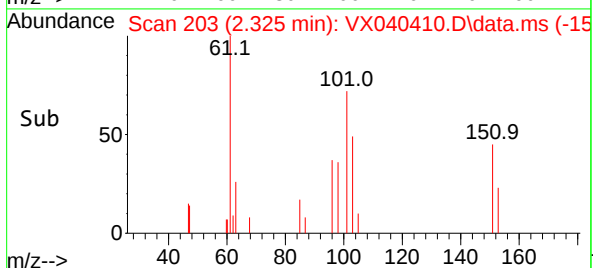
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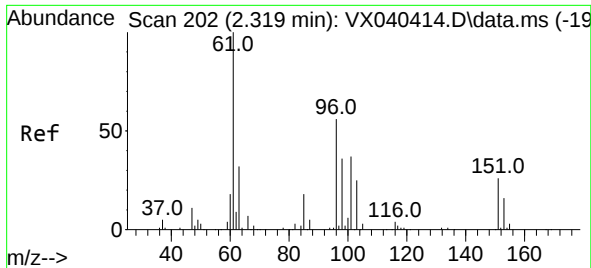


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.083 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



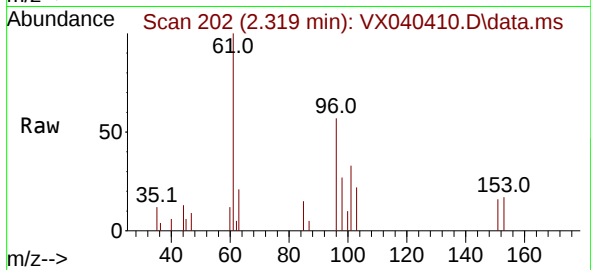
Tgt Ion:101 Resp: 1009
Ion Ratio Lower Upper
101 100
85 40.8 37.0 55.6
151 56.1 58.6 87.8#





#12
1,1-Dichloroethene
Concen: 0.927 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

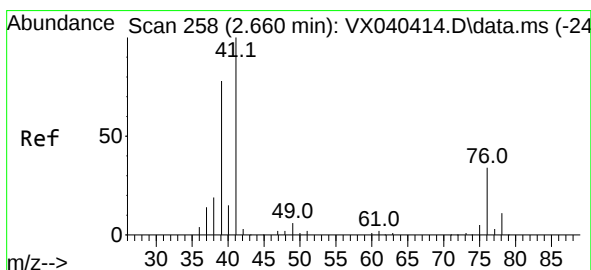
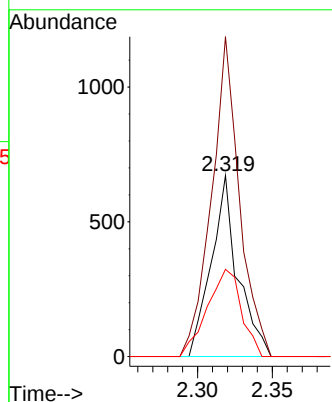
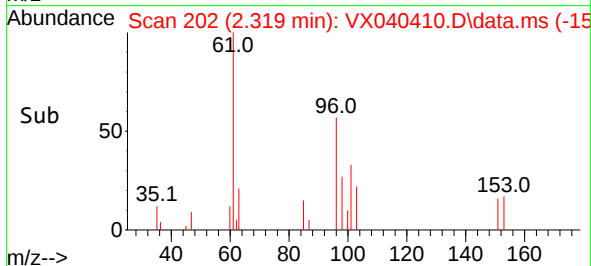
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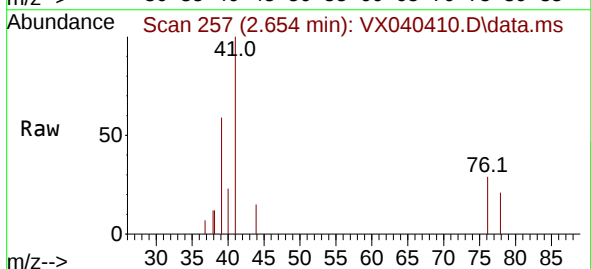
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Ion Ratio Lower Upper
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98 48.2 50.4 75.6

Manual Integrations
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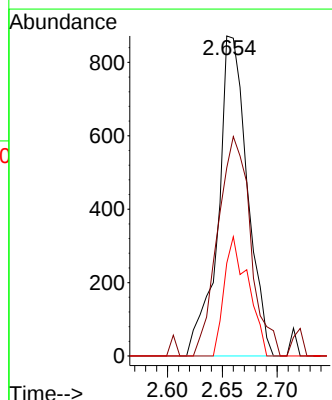
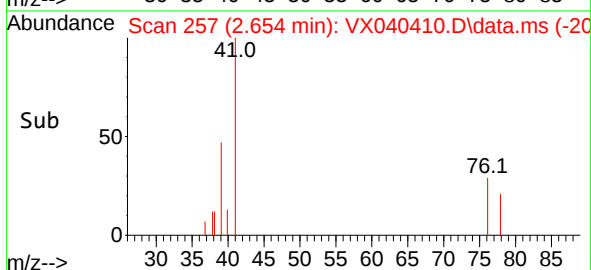
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

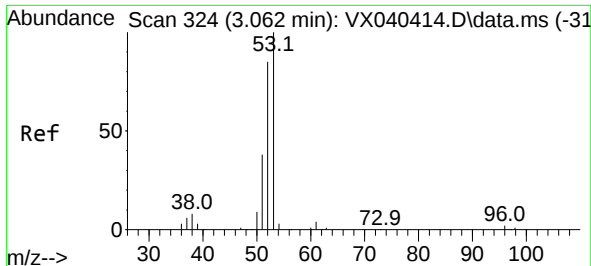


#14
Allyl chloride
Concen: 0.977 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



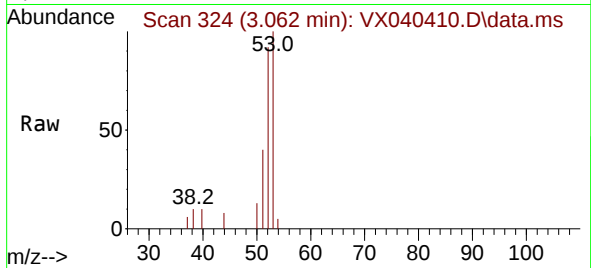
Tgt Ion: 41 Resp: 1621
Ion Ratio Lower Upper
41 100
39 76.8 55.8 83.6
76 30.5 24.3 36.5





#15
Acrylonitrile
Concen: 4.685 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

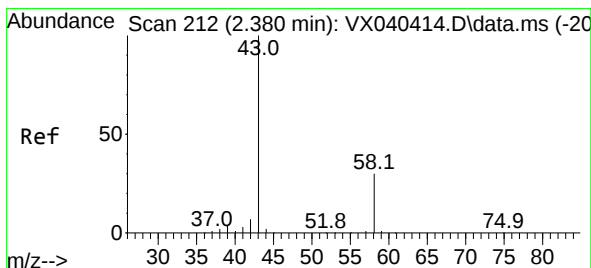
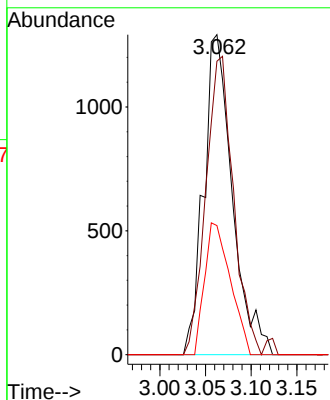
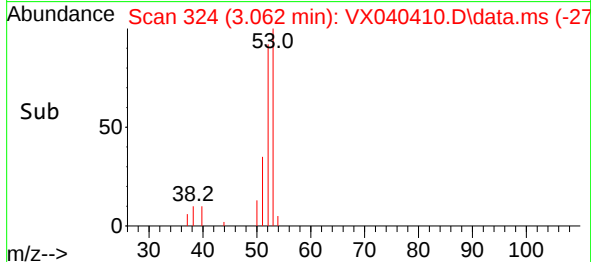
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



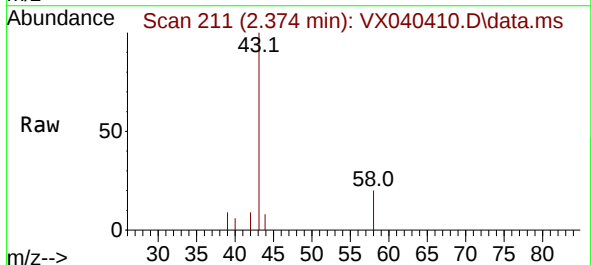
Tgt Ion: 53 Resp: 2812
Ion Ratio Lower Upper
53 100
52 89.9 66.0 99.0
51 37.0 29.8 44.6

Manual Integrations
APPROVED

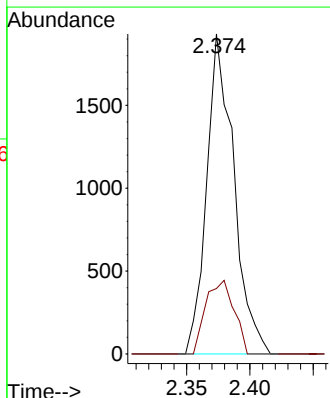
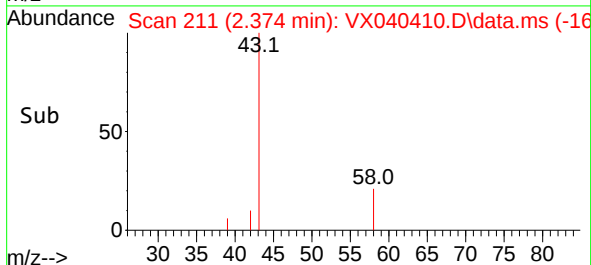
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

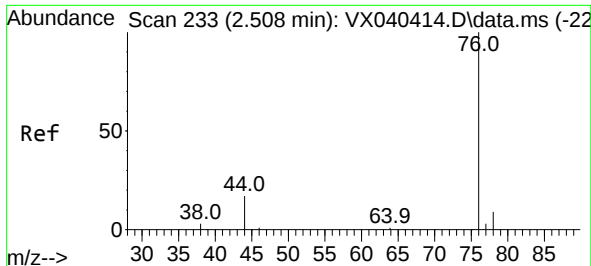


#16
Acetone
Concen: 5.211 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



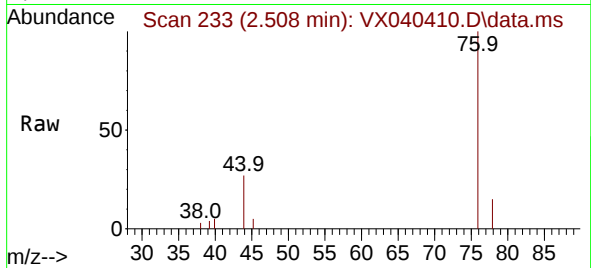
Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
58 20.5 21.9 32.9#





#17
Carbon Disulfide
Concen: 1.019 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

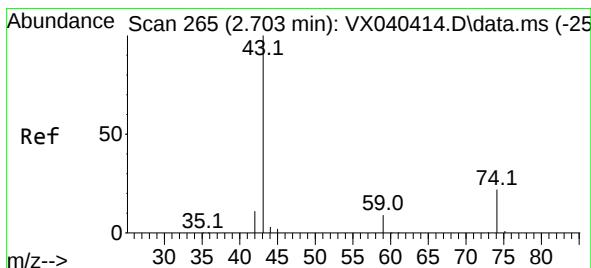
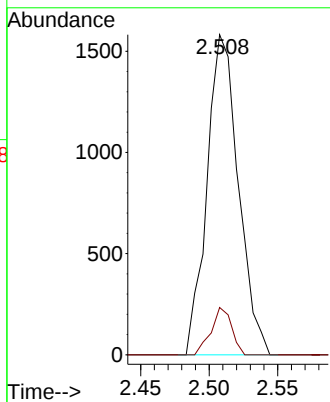
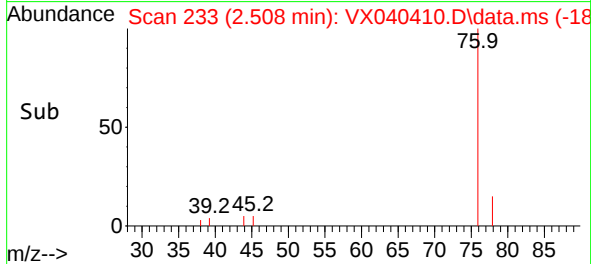
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



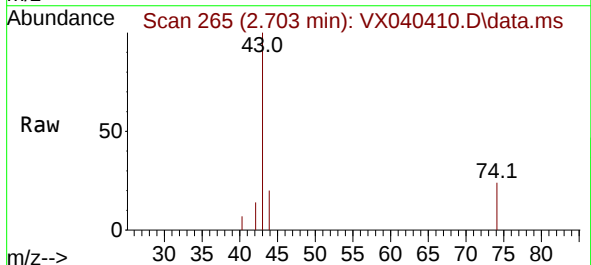
Tgt Ion: 76 Resp: 2518
Ion Ratio Lower Upper
76 100
78 14.8 7.0 10.6

Manual Integrations
APPROVED

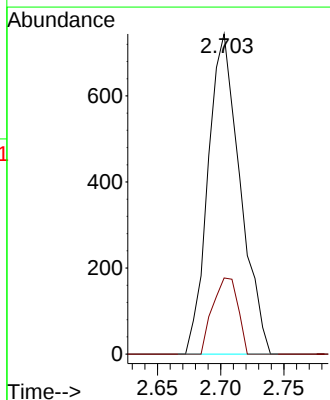
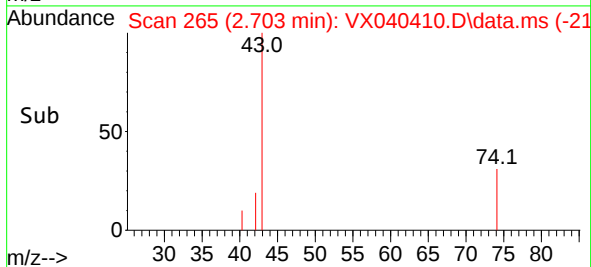
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

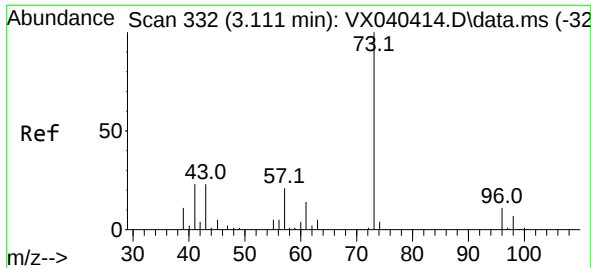


#18
Methyl Acetate
Concen: 0.918 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
74 18.6 17.8 26.8





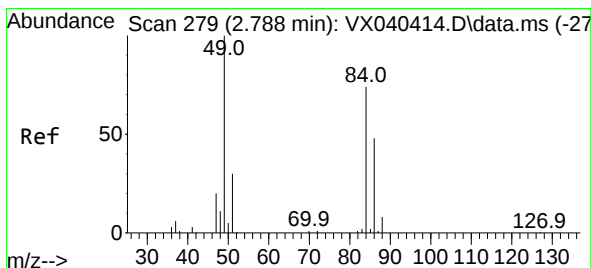
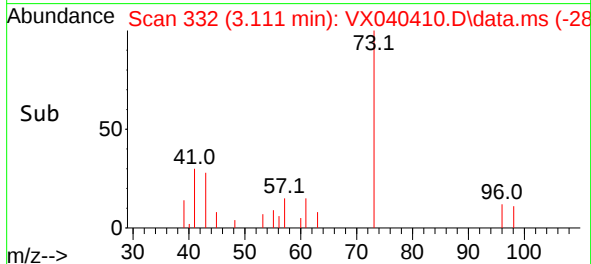
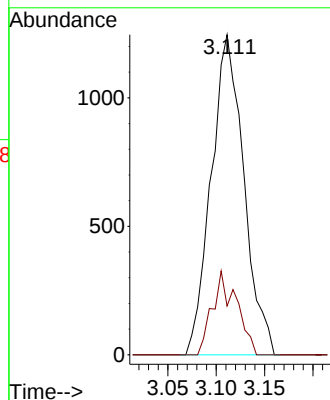
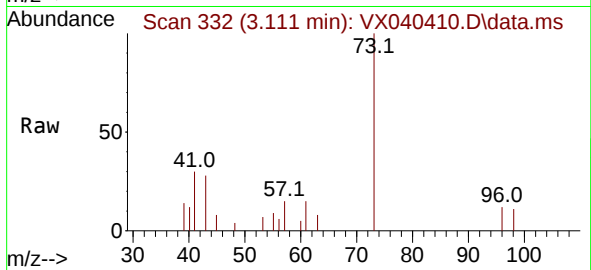
#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 292
Ion Ratio Lower Upper
73 100
57 15.2 17.3 25.9

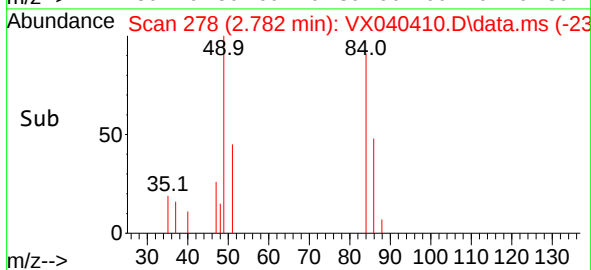
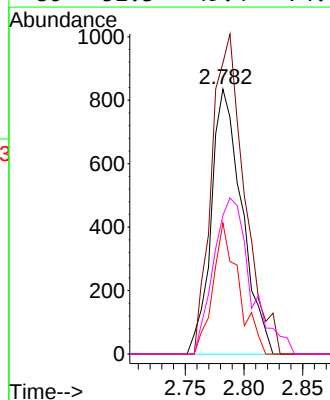
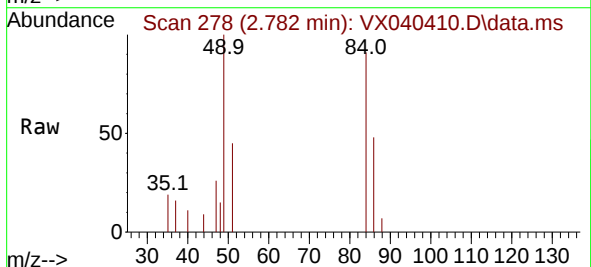
Manual Integrations
APPROVED

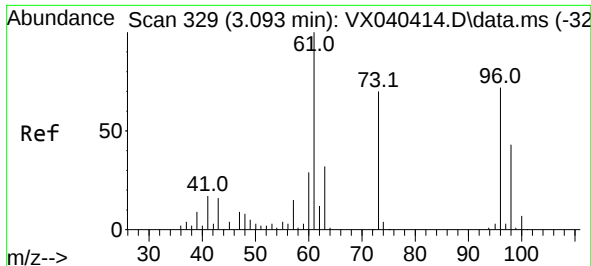
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 1.315 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

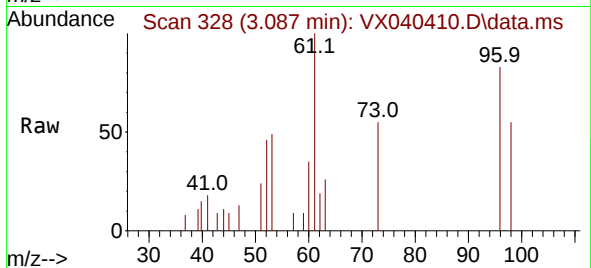
Tgt Ion: 84 Resp: 1519
Ion Ratio Lower Upper
84 100
49 109.8 103.6 155.4
51 49.5 33.8 50.6
86 52.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 1.072 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

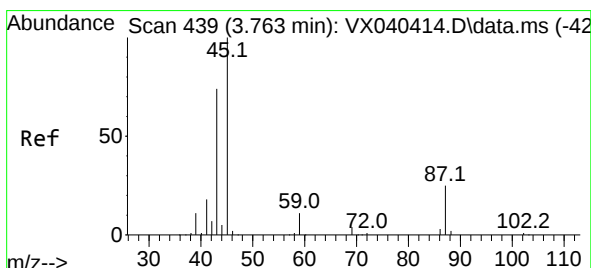
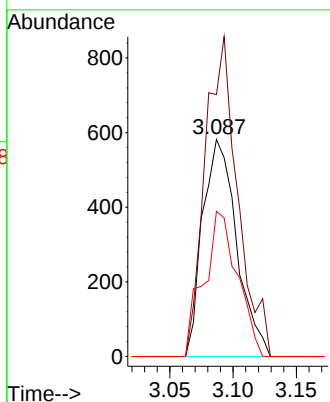
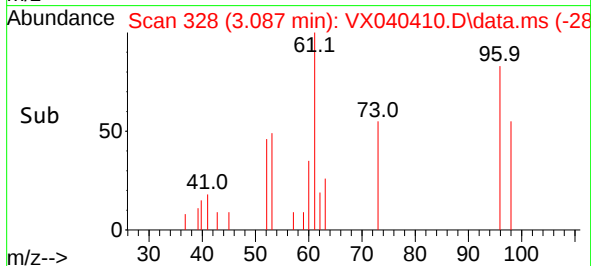
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



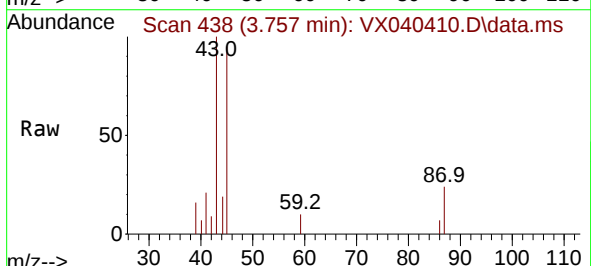
Tgt Ion: 96 Resp: 108
Ion Ratio Lower Upper
96 100
61 120.6 119.2 178.8
98 66.8 48.7 73.1

Manual Integrations
APPROVED

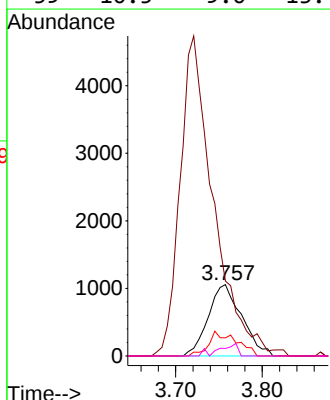
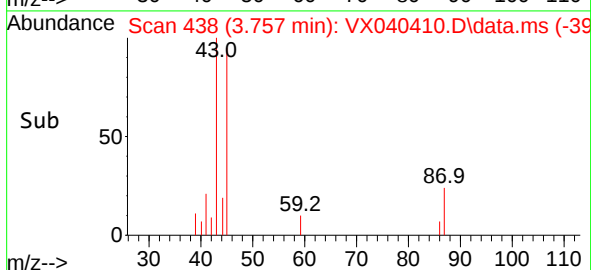
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

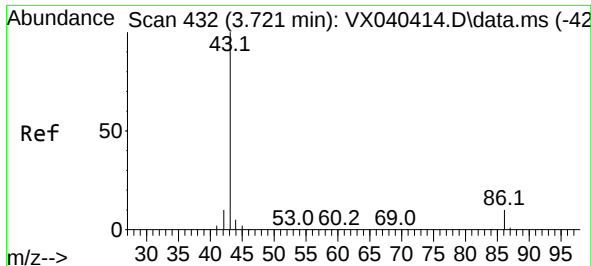


#22
Diisopropyl ether
Concen: 0.866 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



Tgt Ion: 45 Resp: 2841
Ion Ratio Lower Upper
45 100
43 89.1 69.7 104.5
87 25.3 20.8 31.2
59 10.5 9.0 13.4





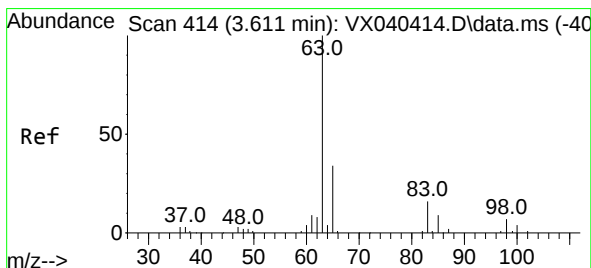
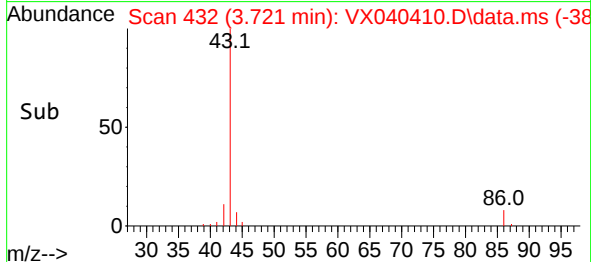
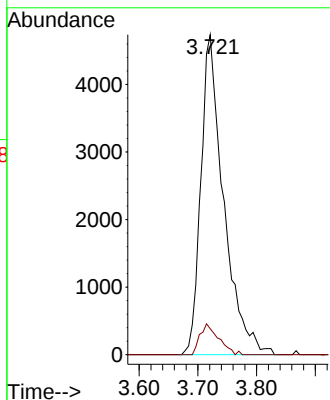
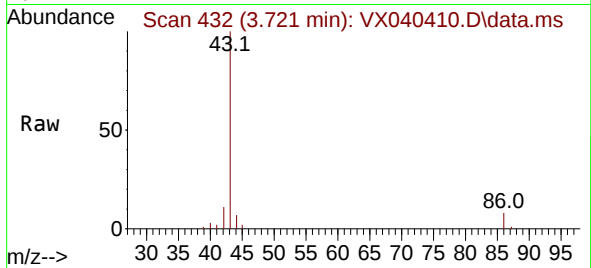
#23
 Vinyl Acetate
 Concen: 4.249 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 12724
 Ion Ratio Lower Upper
 43 100
 86 8.1 7.8 11.8

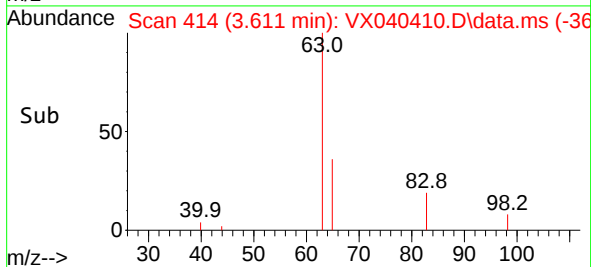
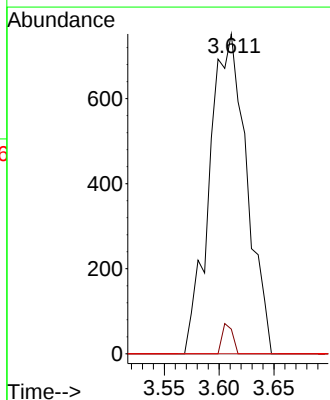
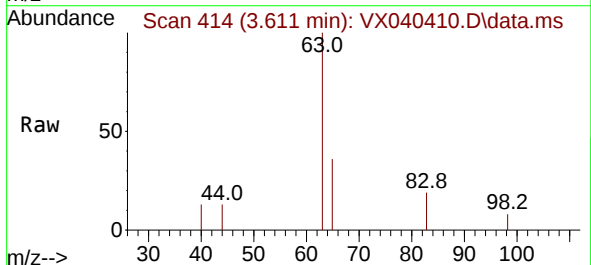
Manual Integrations
 APPROVED

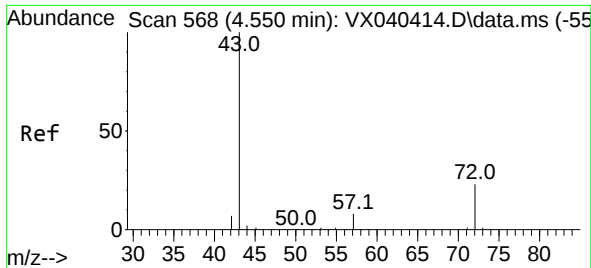
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 0.934 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

Tgt Ion: 63 Resp: 1772
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 0.0 2.1 6.5#





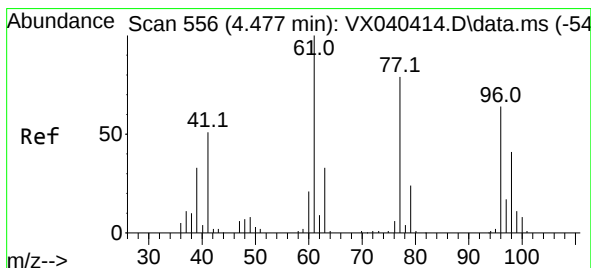
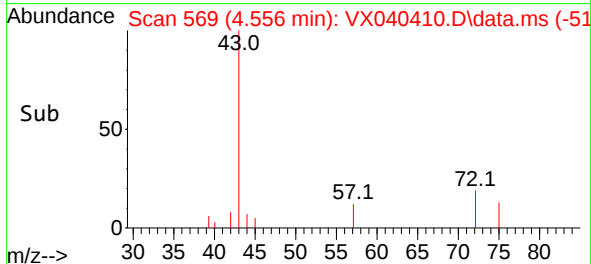
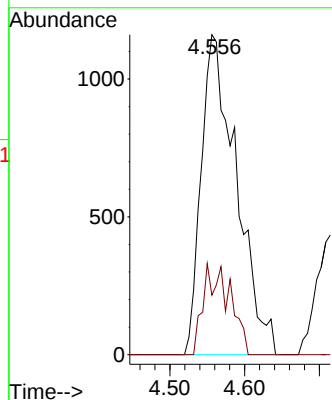
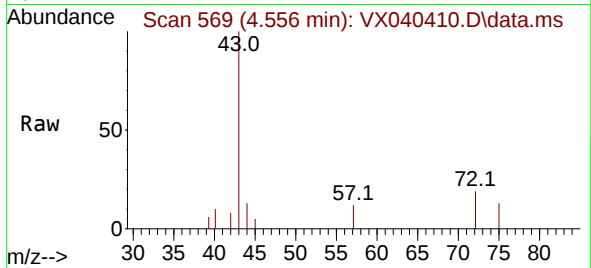
#25
2-Butanone
Concen: 4.405 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
72 18.6 19.4 29.2

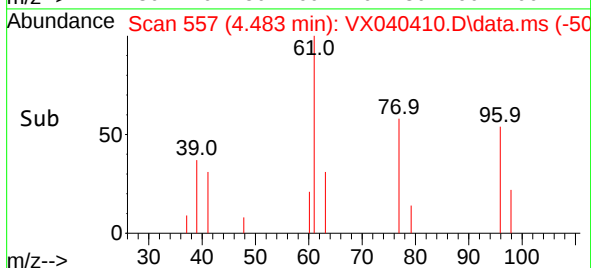
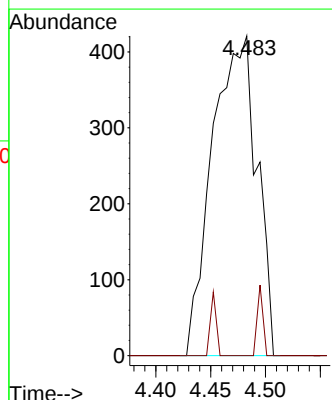
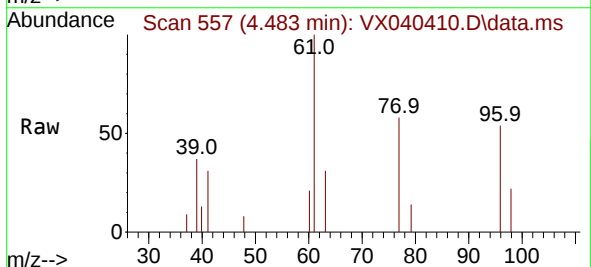
Manual Integrations
APPROVED

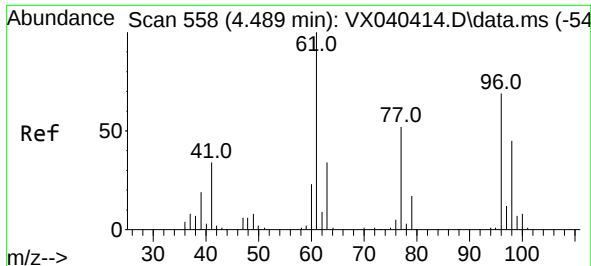
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 0.959 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 77 Resp: 1188
Ion Ratio Lower Upper
77 100
97 2.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.903 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 102

Ion Ratio Lower Upper

96 100

61 175.1 0.0 312.2

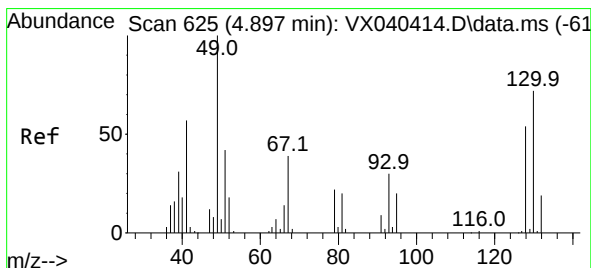
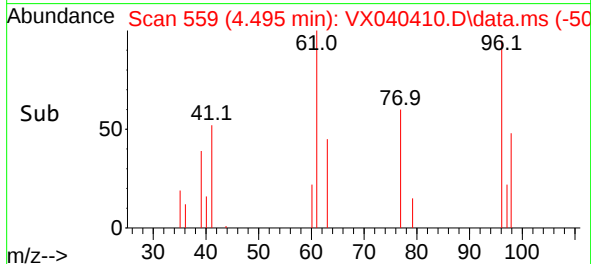
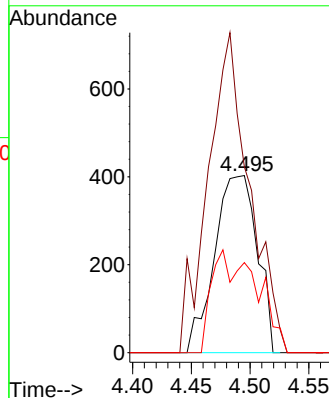
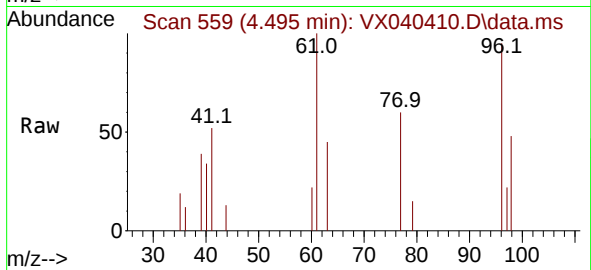
98 26.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#28

Bromochloromethane

Concen: 1.191 ug/l m

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

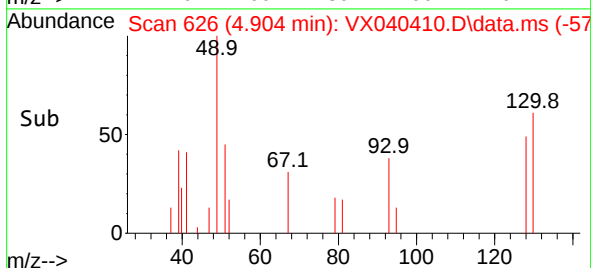
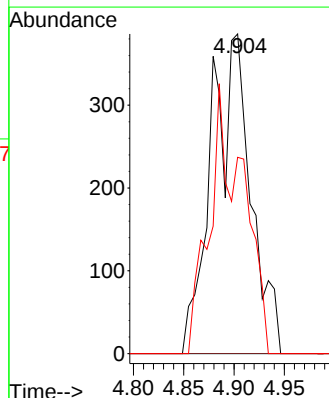
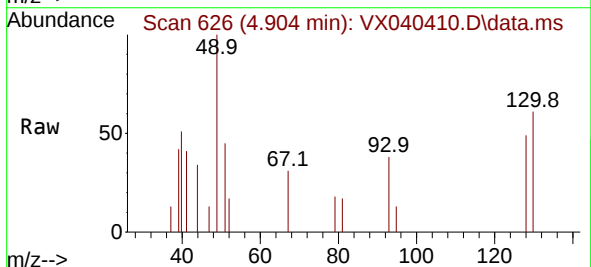
Tgt Ion: 49 Resp: 1054

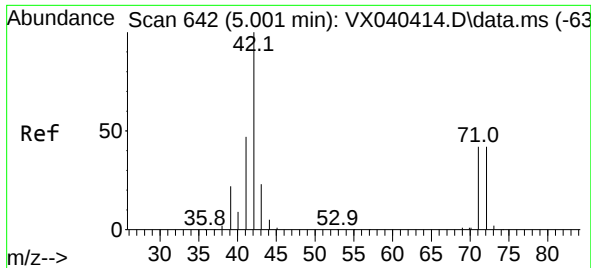
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

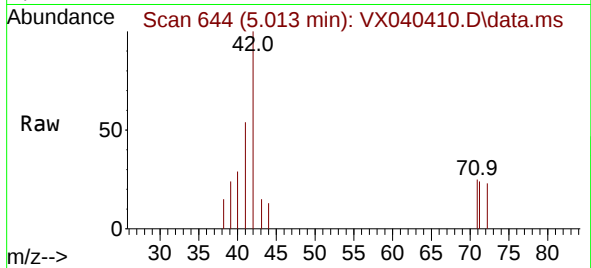
130 42.3 57.5 86.3#





#29
Tetrahydrofuran
Concen: 4.628 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

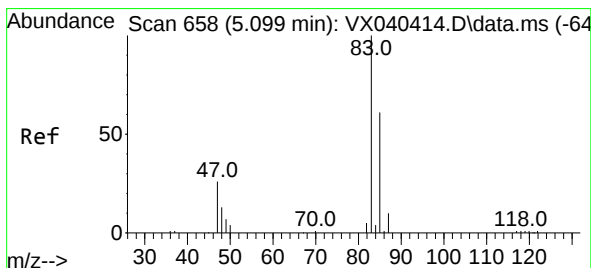
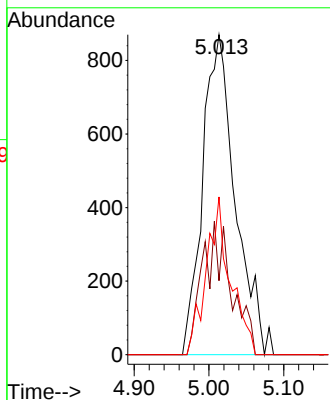
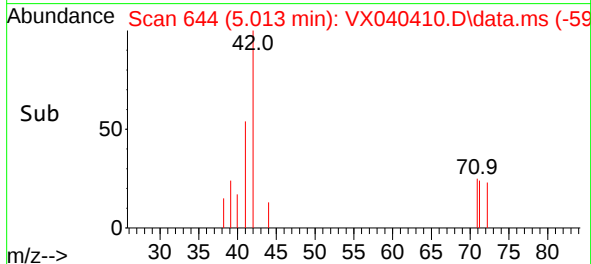
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 265
Ion Ratio Lower Upper
42 100
72 23.9 34.2 51.4
71 36.2 32.2 48.2

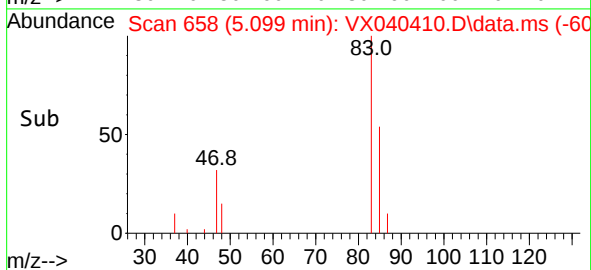
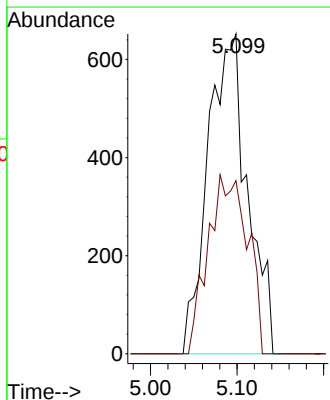
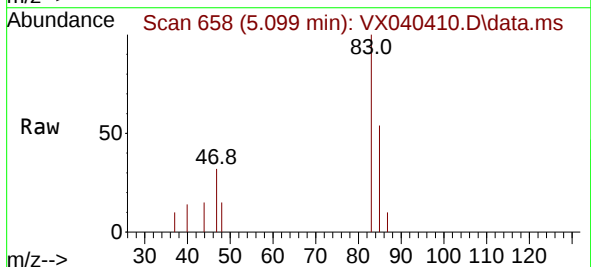
Manual Integrations
APPROVED

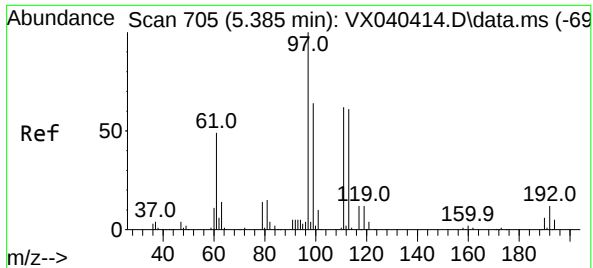
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#30
Chloroform
Concen: 1.014 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 83 Resp: 2073
Ion Ratio Lower Upper
83 100
85 54.1 50.3 75.5





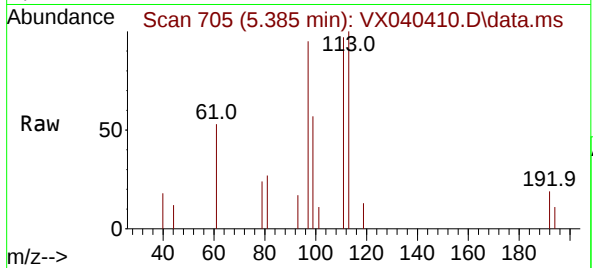
#32
 1,1,1-Trichloroethane
 Concen: 0.927 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001



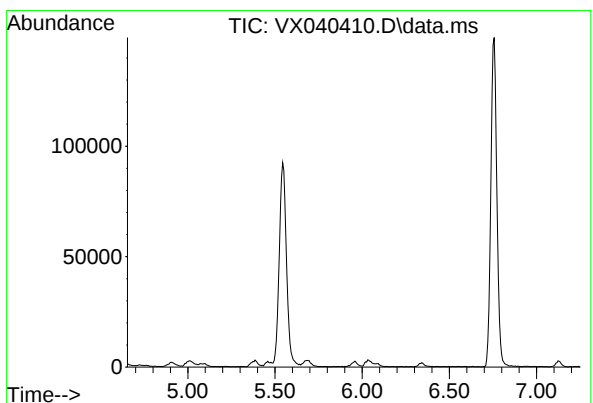
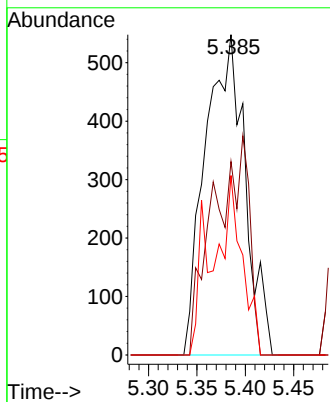
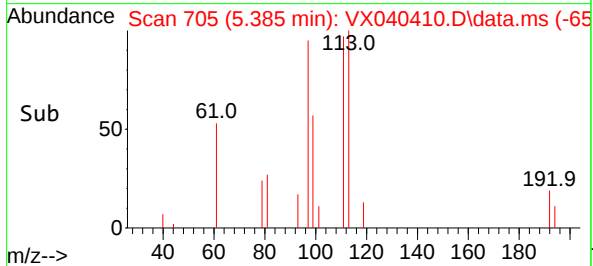
Tgt Ion:	97	Resp:	156
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7
61	28.1	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

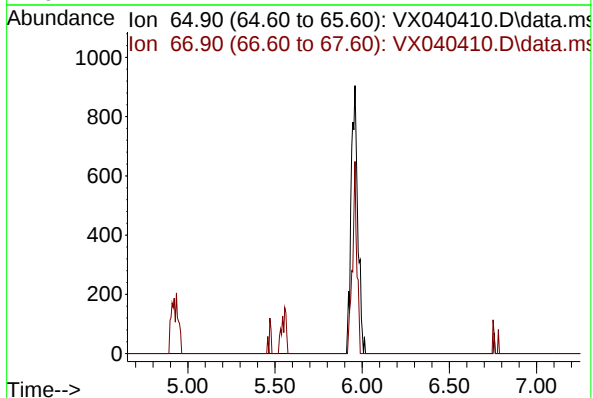
Supervised By :Mahesh Dadoda 02/23/2024

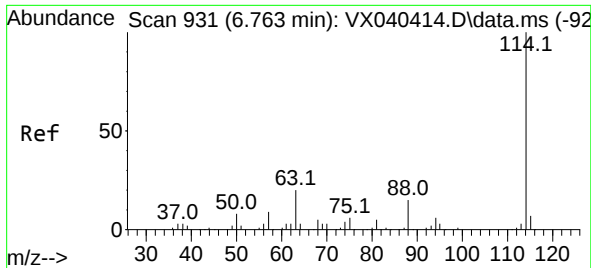


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.95 min

Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

Tgt Ion:	65
Sig	Exp Ratio
65	100
67	50.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 14466

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

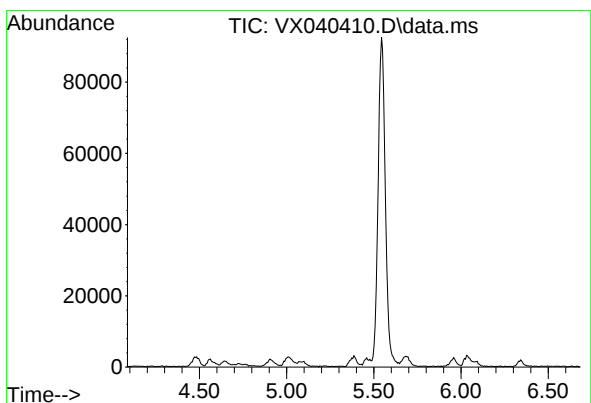
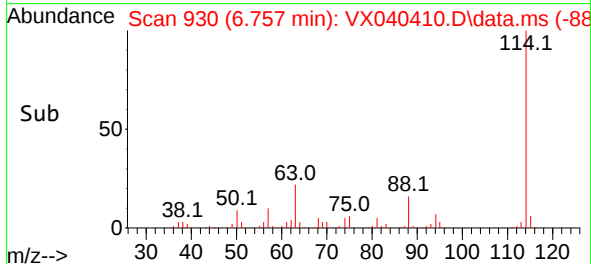
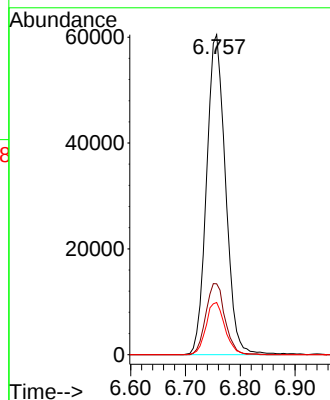
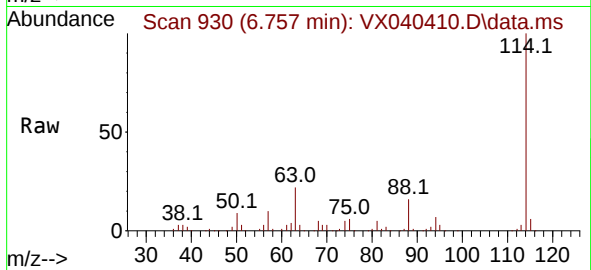
88 16.3 0.0 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

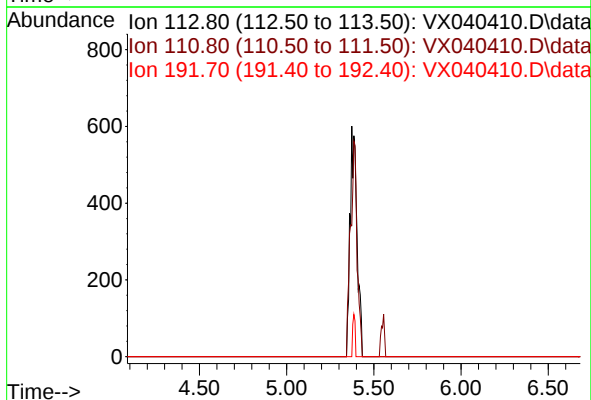
Tgt Ion: 113

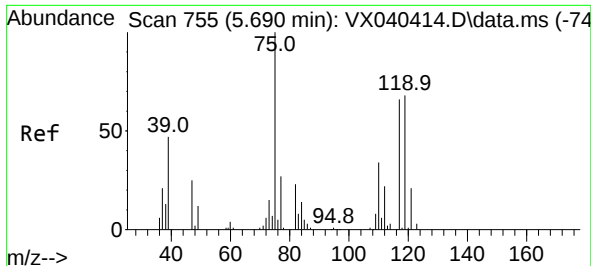
Sig Exp Ratio

113 100

111 103.6

192 16.6





#36
1,1-Dichloropropene
Concen: 1.007 ug/l
RT: 5.684 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

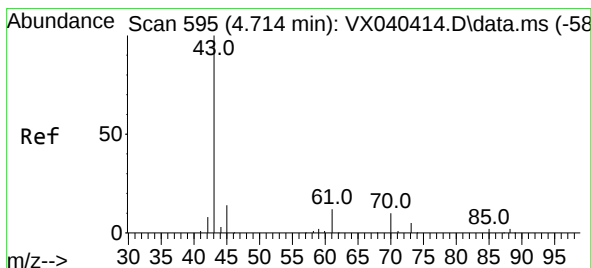
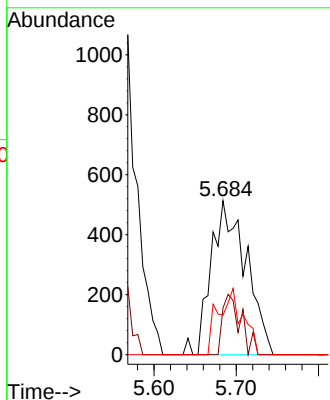
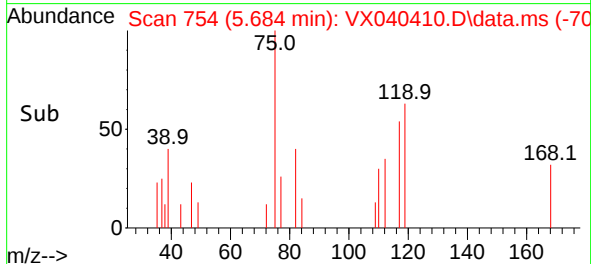
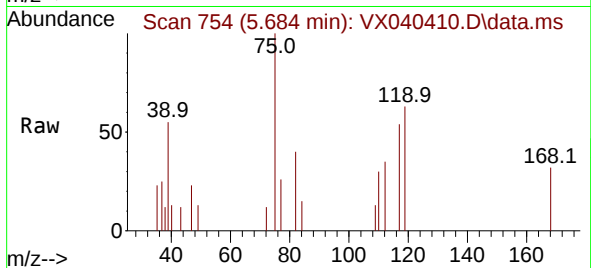
Tgt Ion: 75 Resp: 1520
Ion Ratio Lower Upper
75 100
110 20.1 17.0 50.9
77 30.2 24.7 37.1

Manual Integrations

APPROVED

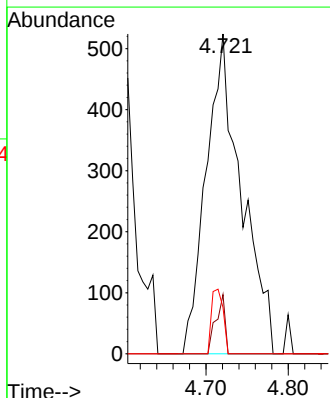
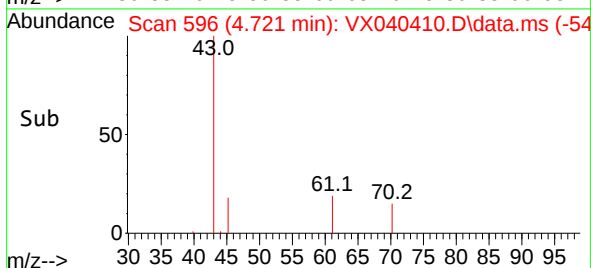
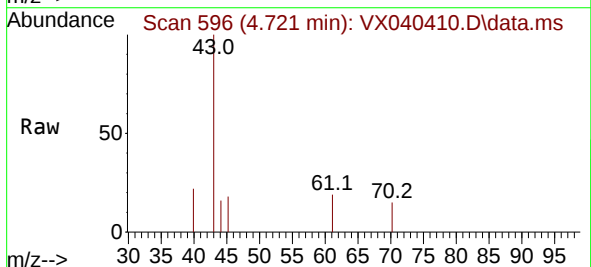
Reviewed By :John Carlone 02/23/2024

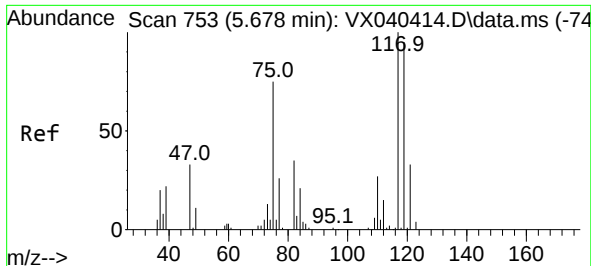
Supervised By :Mahesh Dadoda 02/23/2024



#37
Ethyl Acetate
Concen: 0.904 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

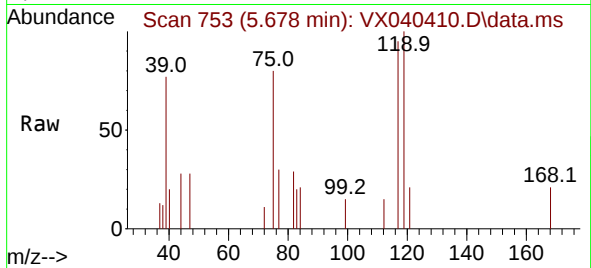
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
61 4.8 10.6 16.0#
70 6.7 8.3 12.5#





#38
Carbon Tetrachloride
Concen: 0.891 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

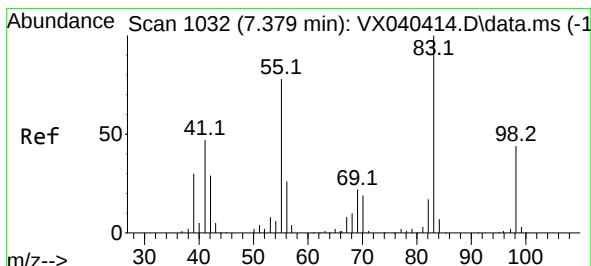
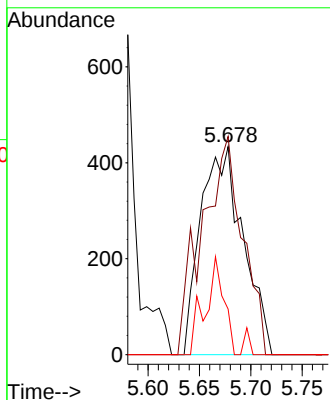
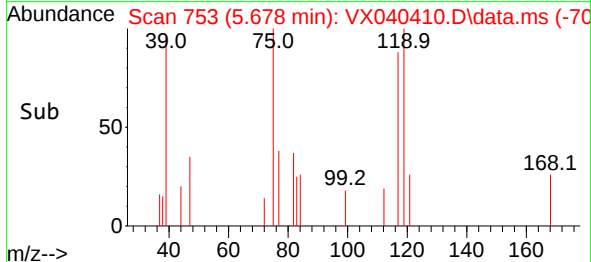
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 1244
Ion Ratio Lower Upper
117 100
119 104.8 78.2 117.2
121 21.9 24.4 36.6

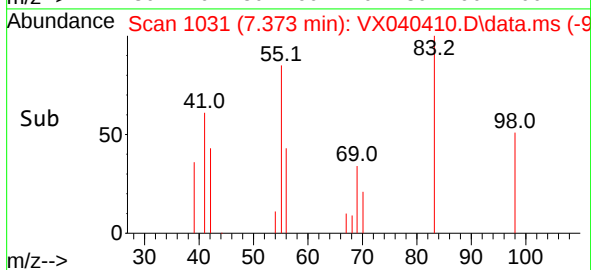
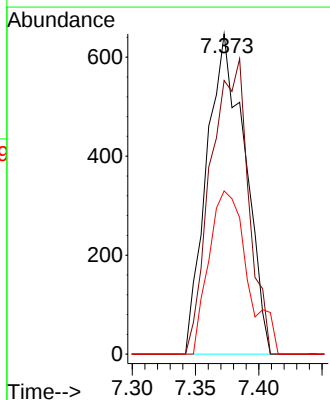
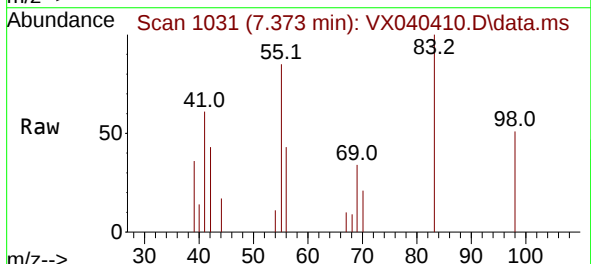
Manual Integrations
APPROVED

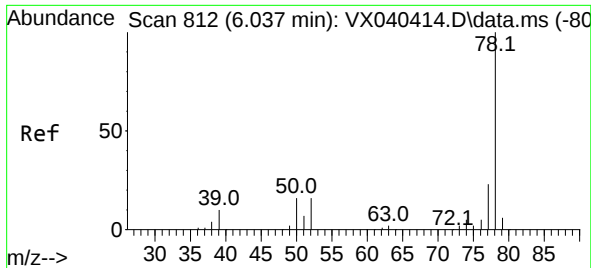
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#39
Methylcyclohexane
Concen: 0.852 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 83 Resp: 1362
Ion Ratio Lower Upper
83 100
55 85.5 64.6 97.0
98 51.0 36.7 55.1





#40

Benzene

Concen: 0.934 ug/l

RT: 6.031 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 383

Ion Ratio Lower Upper

78 100

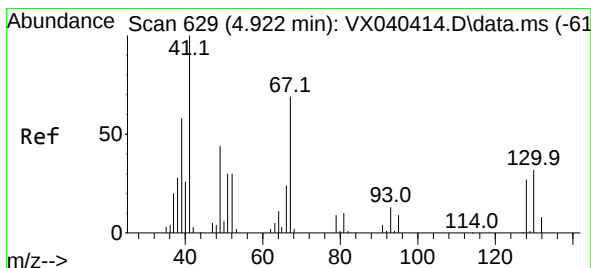
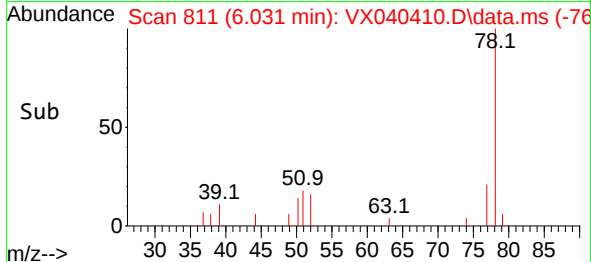
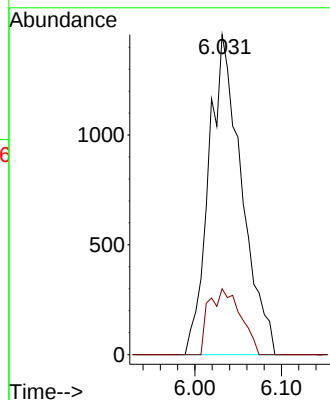
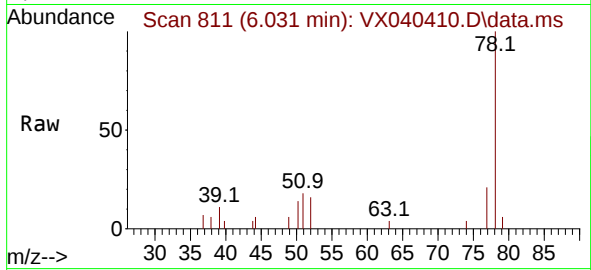
77 20.6 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#41

Methacrylonitrile

Concen: 0.882 ug/l

RT: 4.922 min Scan# 629

Delta R.T. 0.000 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Tgt Ion: 41 Resp: 807

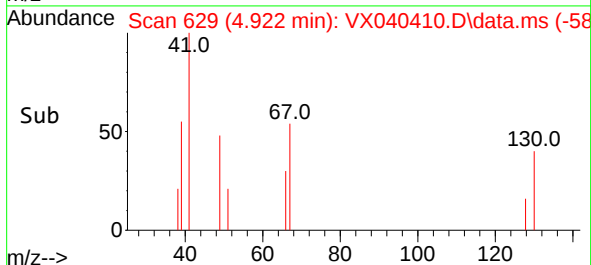
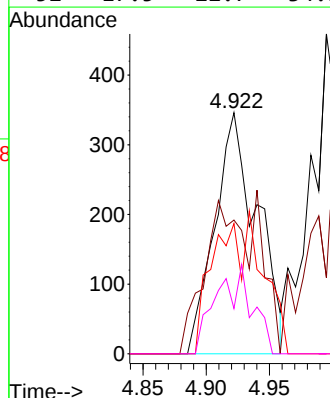
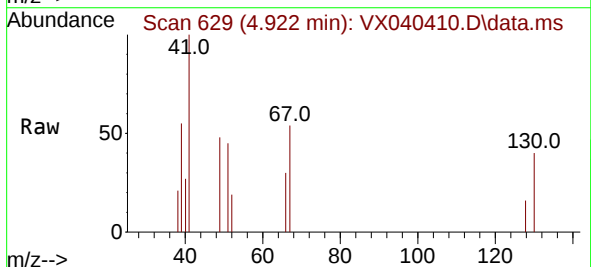
Ion Ratio Lower Upper

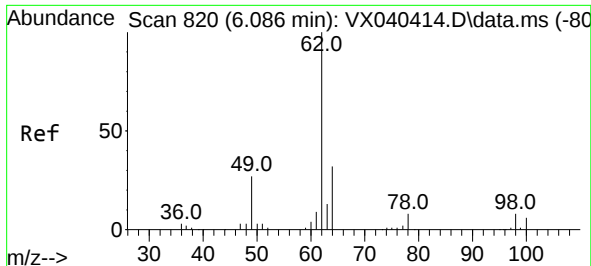
41 100

39 58.7 45.2 67.8

67 38.7 52.6 78.8#

52 17.5 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.880 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

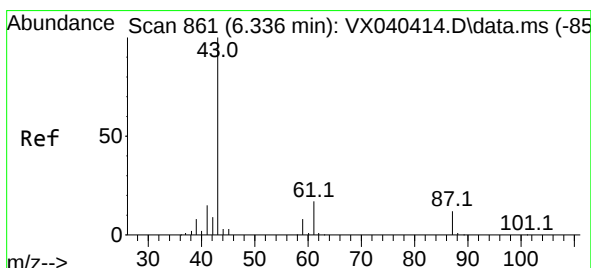
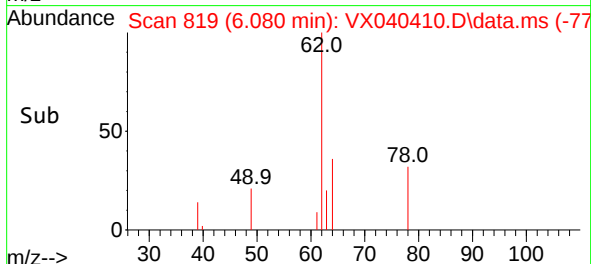
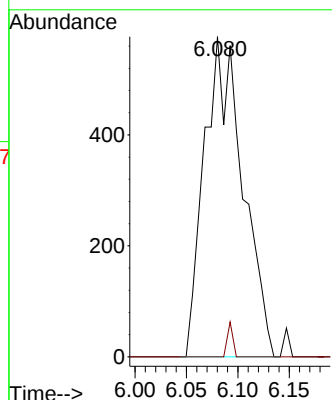
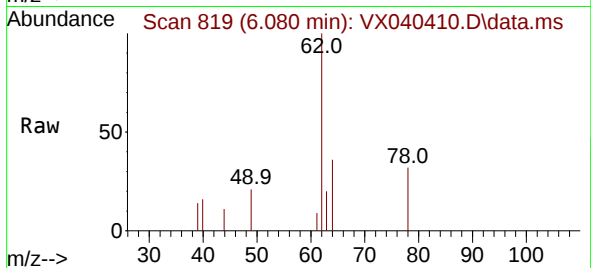
VSTDIC001

Tgt Ion: 62 Resp: 150
 Ion Ratio Lower Upper
 62 100
 98 1.5 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#43

Isopropyl Acetate

Concen: 0.844 ug/l

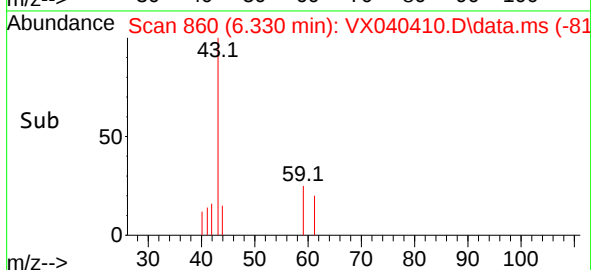
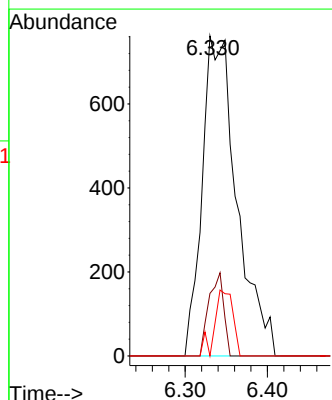
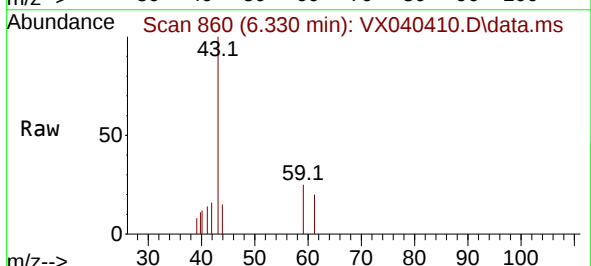
RT: 6.330 min Scan# 860

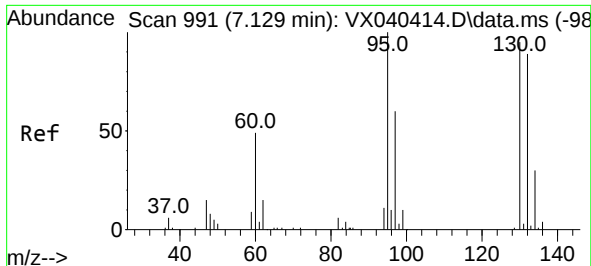
Delta R.T. -0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

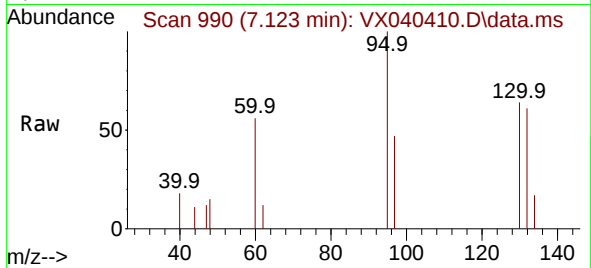
Tgt Ion: 43 Resp: 2232
 Ion Ratio Lower Upper
 43 100
 61 11.1 15.2 22.8#
 87 10.8 9.8 14.6





#44
Trichloroethene
Concen: 0.991 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

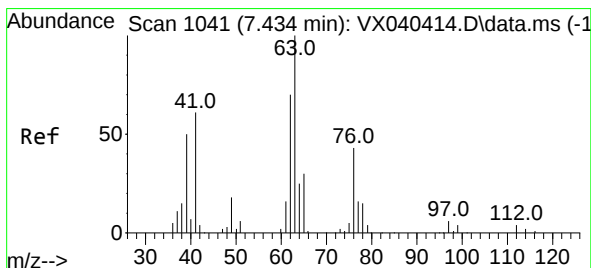
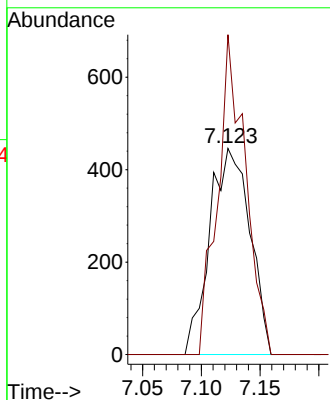
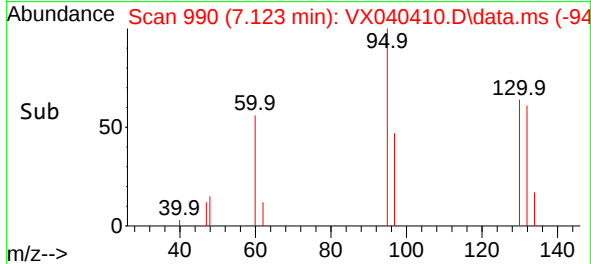
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



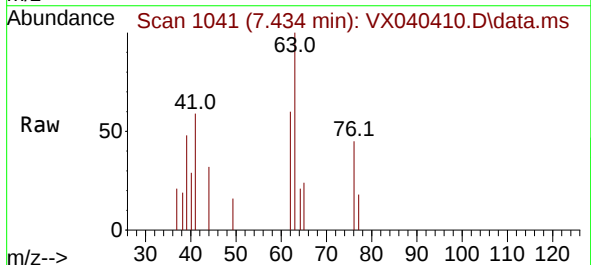
Tgt Ion:130 Resp: 1064
Ion Ratio Lower Upper
130 100
95 155.2 0.0 204.4

Manual Integrations
APPROVED

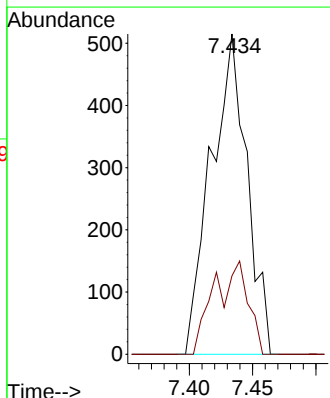
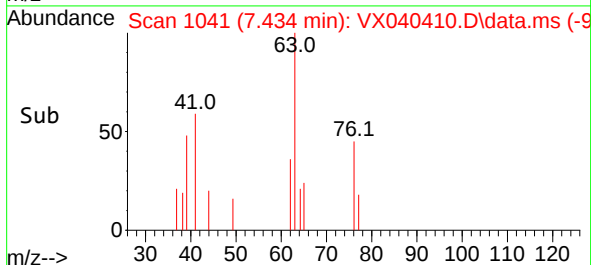
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

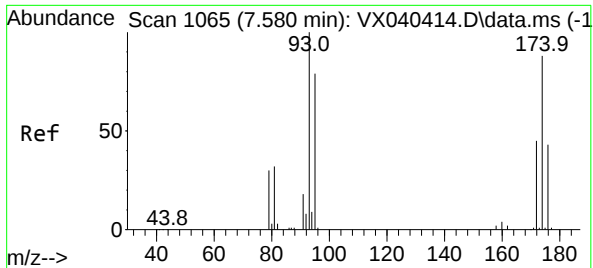


#45
1,2-Dichloropropane
Concen: 0.929 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



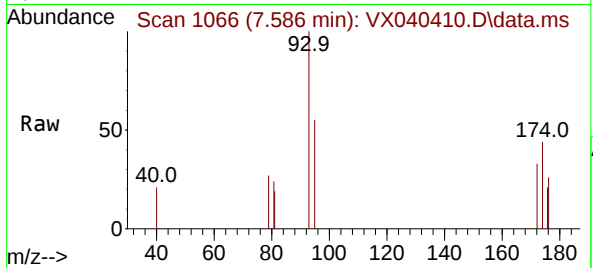
Tgt Ion: 63 Resp: 1018
Ion Ratio Lower Upper
63 100
65 24.5 24.3 36.5





#46
Dibromomethane
Concen: 0.956 ug/l
RT: 7.586 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

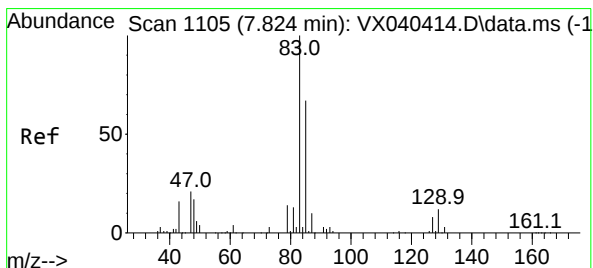
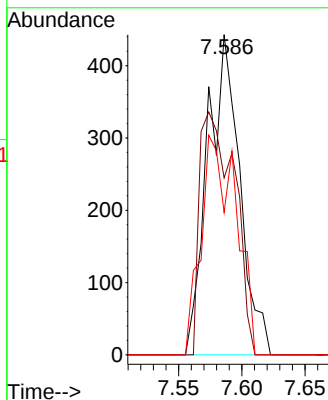
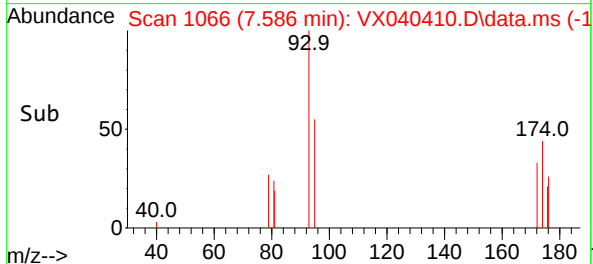
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 93 Resp: 780
Ion Ratio Lower Upper
93 100
95 81.7 66.6 100.0
174 74.4 69.4 104.0

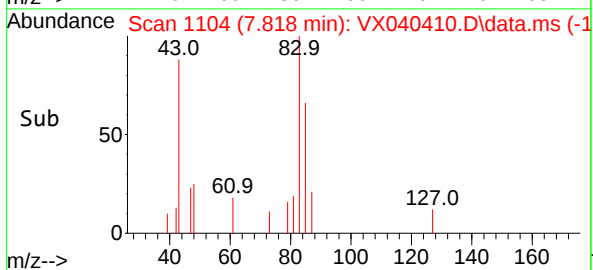
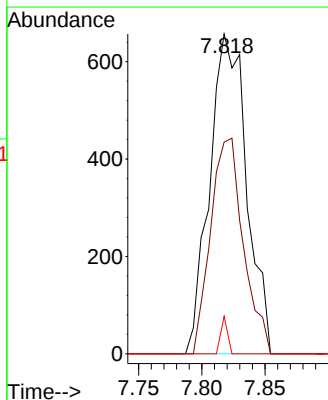
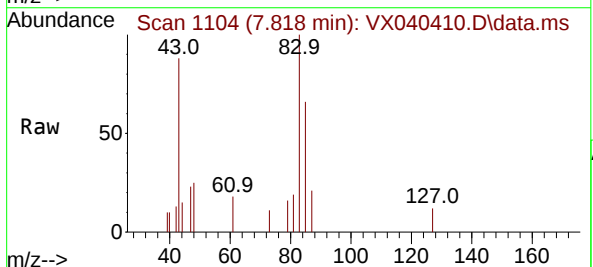
Manual Integrations
APPROVED

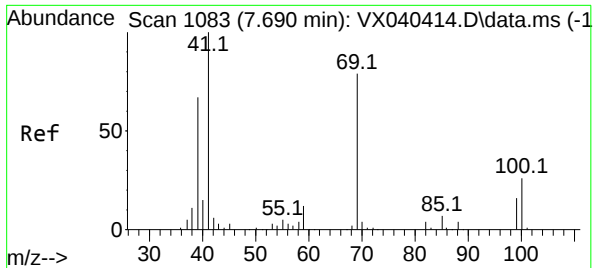
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#47
Bromodichloromethane
Concen: 0.872 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 83 Resp: 1334
Ion Ratio Lower Upper
83 100
85 66.2 49.8 74.6
127 11.7 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.692 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 90

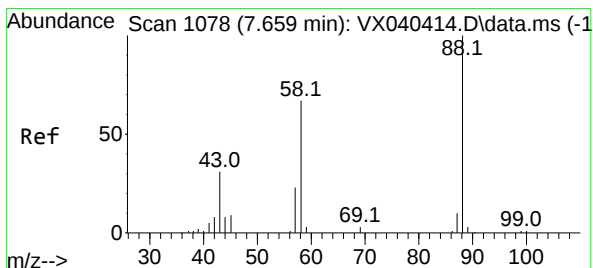
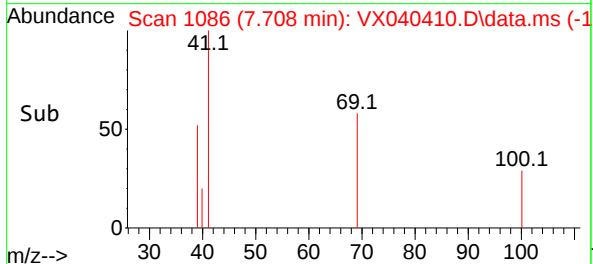
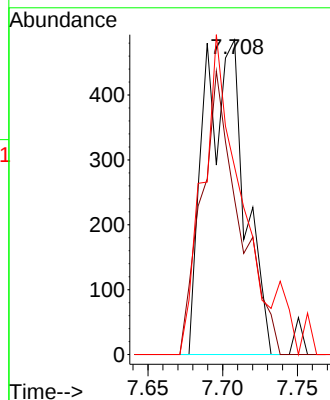
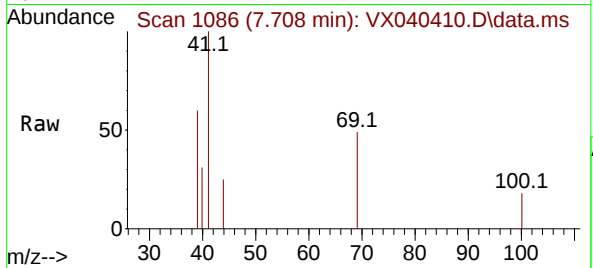
Ion	Ratio	Lower	Upper
41	100		
69	84.6	59.2	88.8
39	103.1	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#49

1,4-Dioxane

Concen: 12.348 ug/l m

RT: 7.671 min Scan# 1080

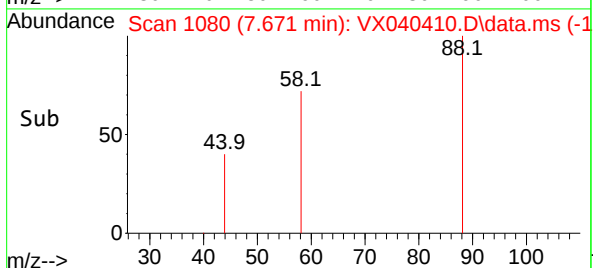
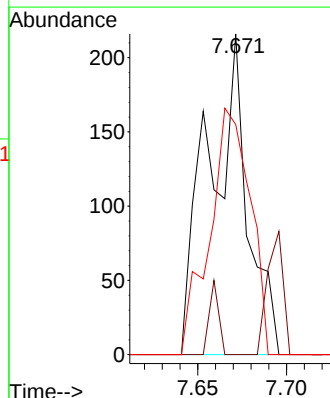
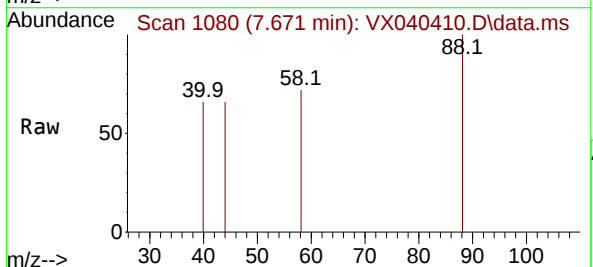
Delta R.T. 0.012 min

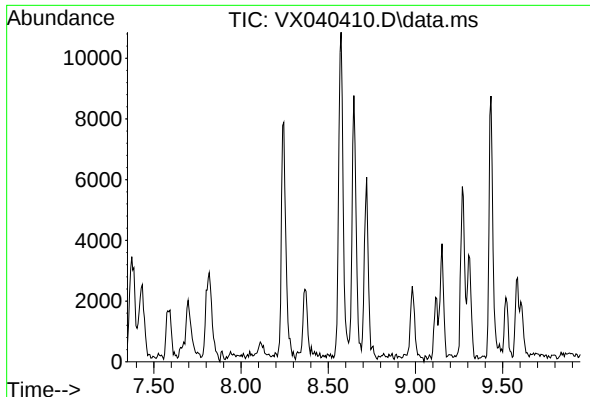
Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Tgt Ion: 88 Resp: 326

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	81.0	60.1	90.1





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

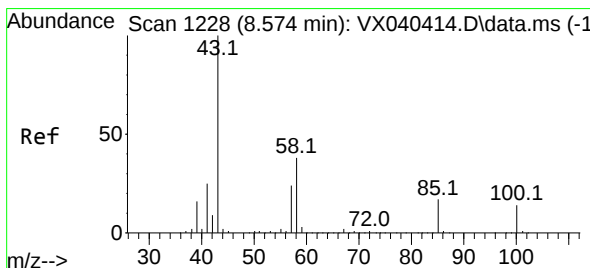
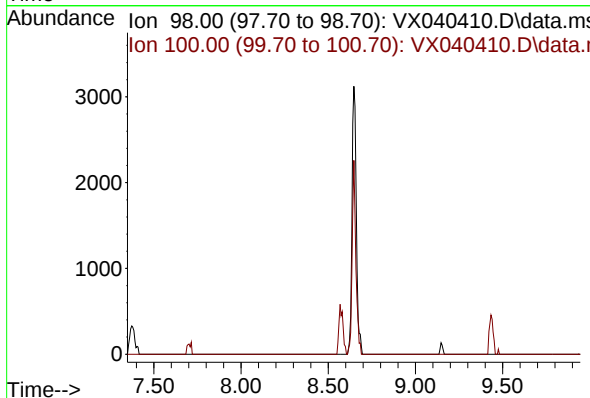
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.4

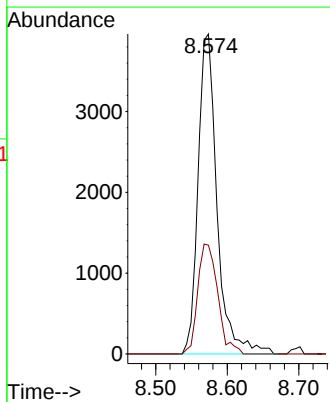
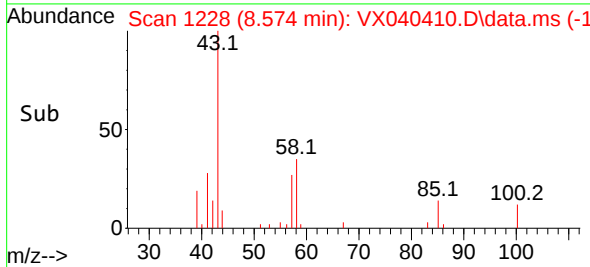
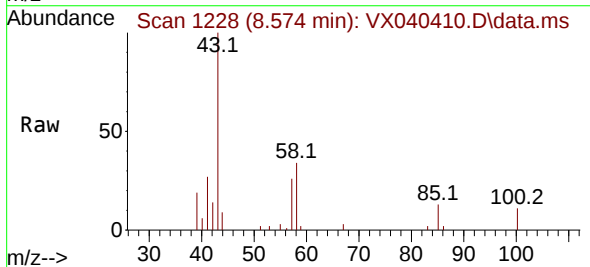
Manual Integrations
APPROVED

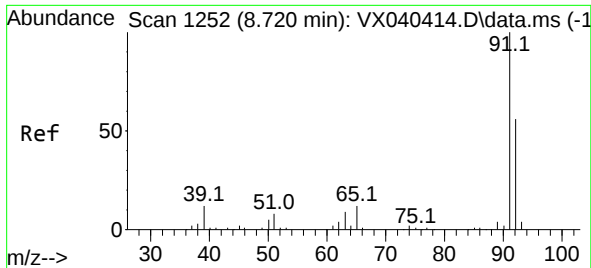
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#51
4-Methyl-2-Pentanone
Concen: 4.058 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

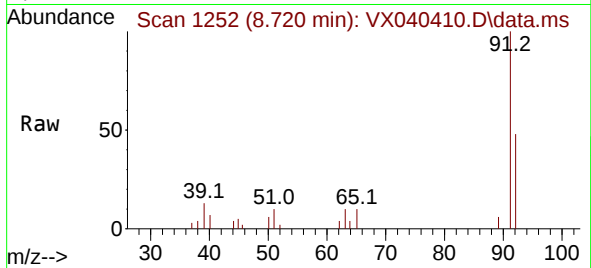
Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6





#52
Toluene
Concen: 0.821 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

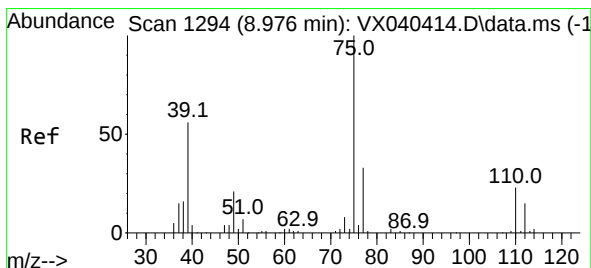
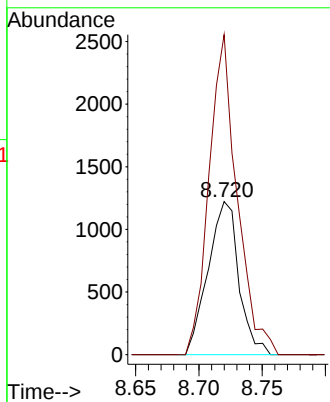
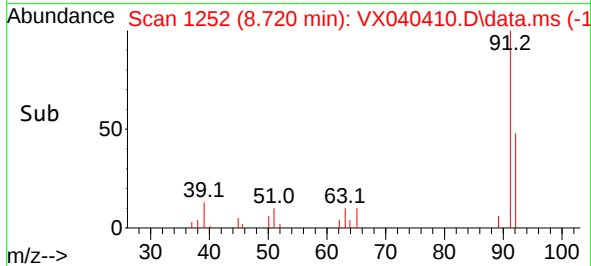
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



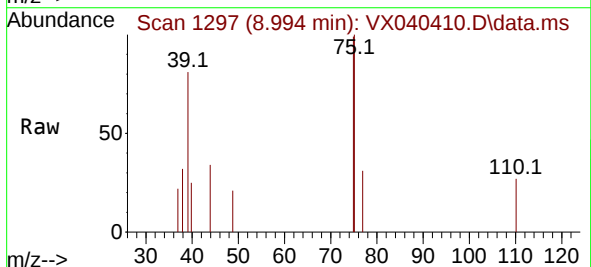
Tgt Ion: 92 Resp: 2064
Ion Ratio Lower Upper
92 100
91 191.2 134.2 201.2

Manual Integrations
APPROVED

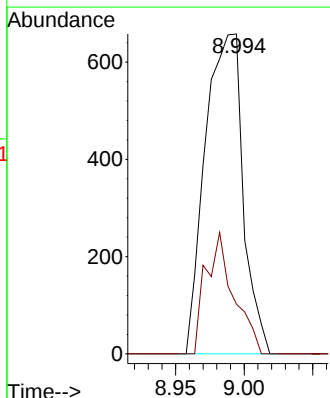
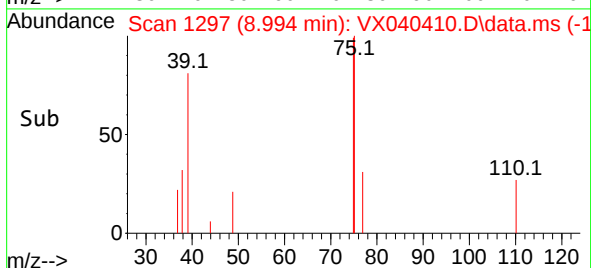
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

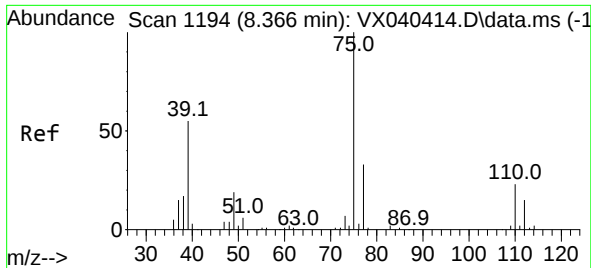


#53
t-1,3-Dichloropropene
Concen: 0.820 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



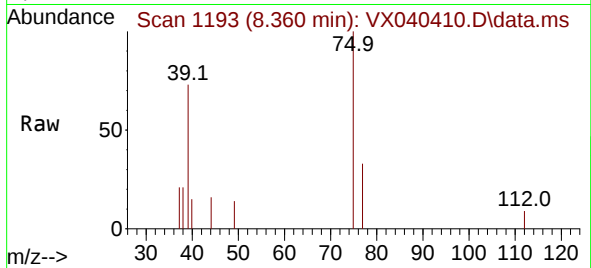
Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
77 15.5 25.7 38.5#





#54
 cis-1,3-Dichloropropene
 Concen: 0.837 ug/l
 RT: 8.360 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

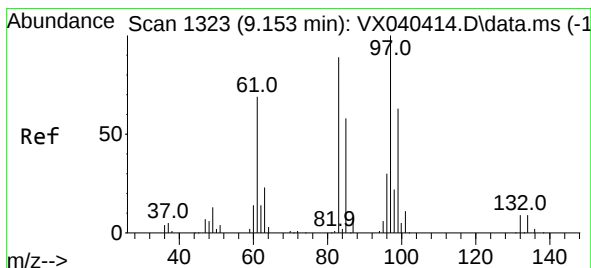
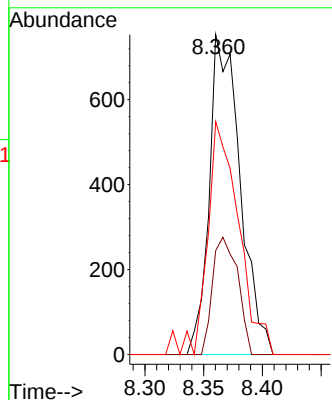
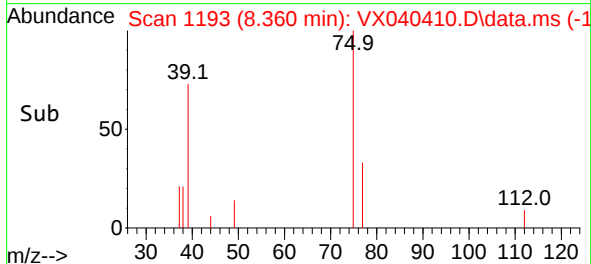
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 137
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 72.8 46.7 70.1

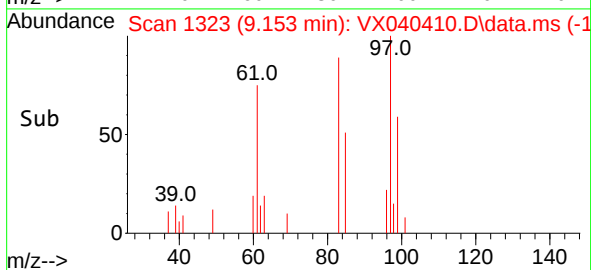
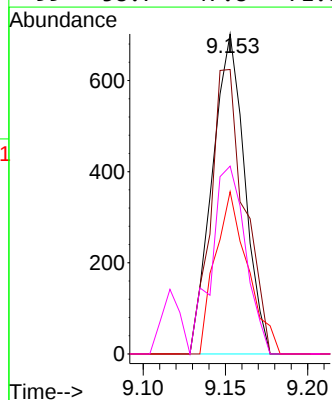
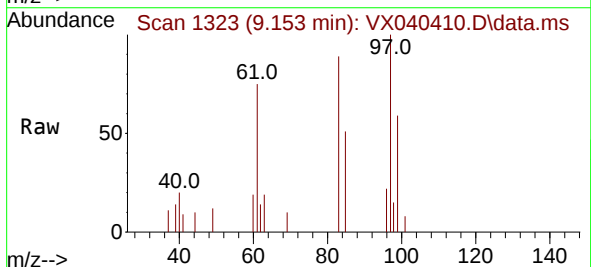
Manual Integrations
 APPROVED

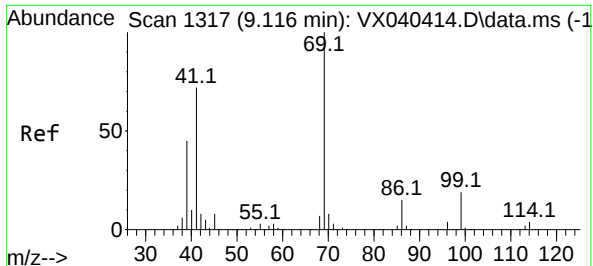
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#55
 1,1,2-Trichloroethane
 Concen: 0.890 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

Tgt Ion: 97 Resp: 959
 Ion Ratio Lower Upper
 97 100
 83 88.9 65.8 98.8
 85 50.7 41.6 62.4
 99 58.7 47.8 71.8





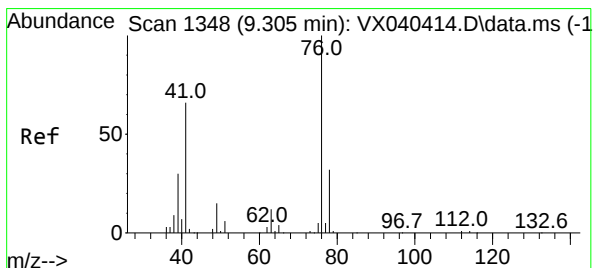
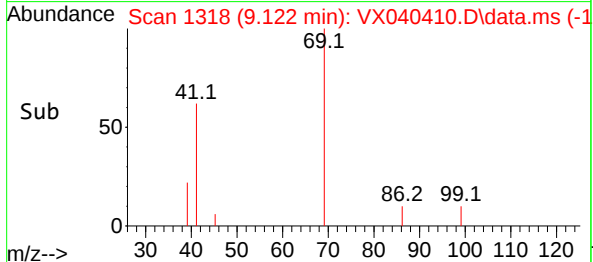
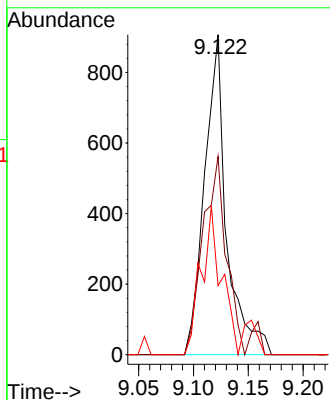
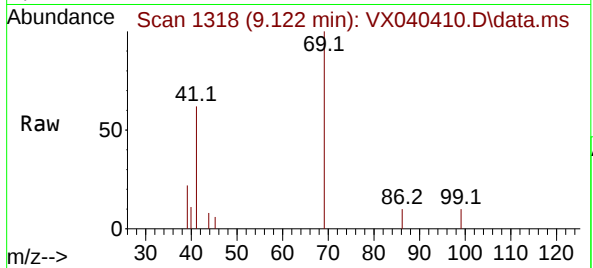
#56
Ethyl methacrylate
Concen: 0.770 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 126
Ion Ratio Lower Upper
69 100
41 65.9 56.8 85.2
39 43.0 32.0 48.0

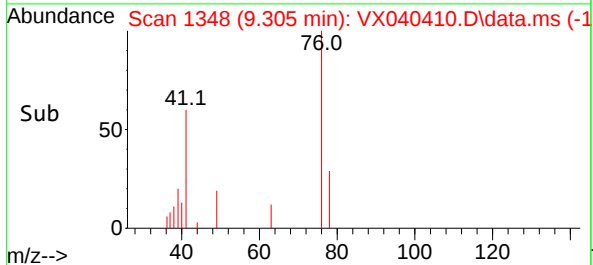
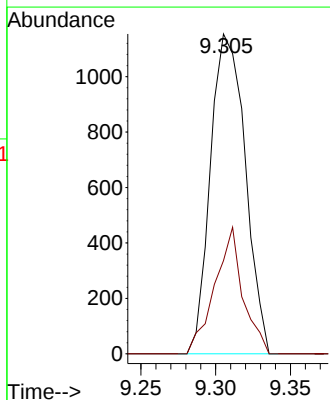
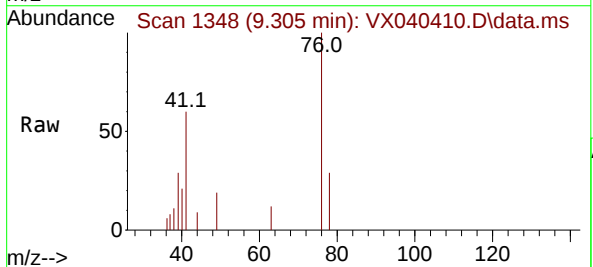
Manual Integrations
APPROVED

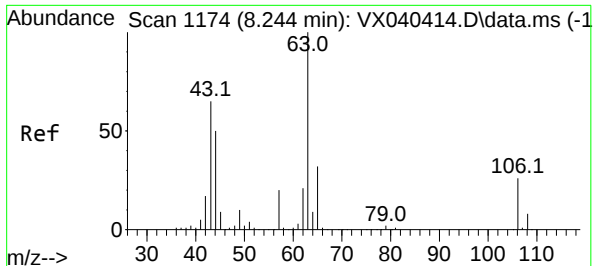
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#57
1,3-Dichloropropane
Concen: 0.995 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 76 Resp: 1866
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1





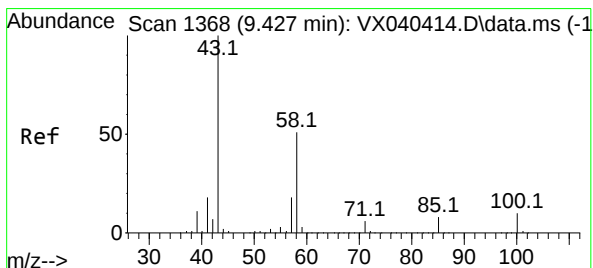
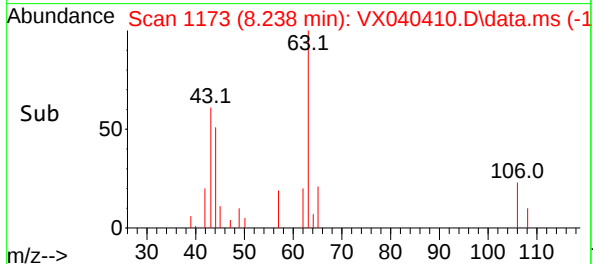
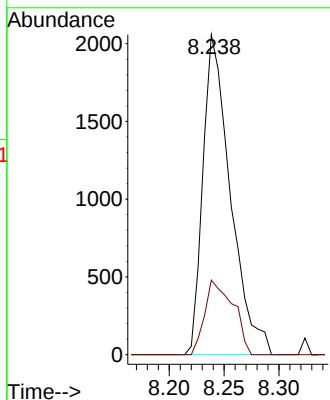
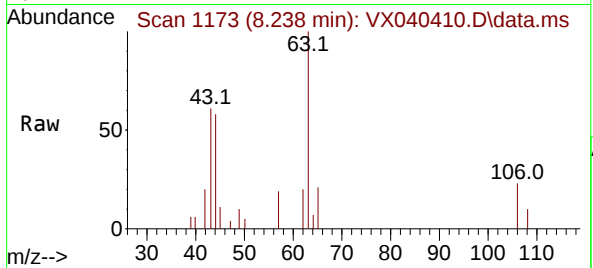
#58
2-Chloroethyl Vinyl ether
Concen: 4.353 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 3592
Ion Ratio Lower Upper
63 100
106 24.1 22.5 33.7

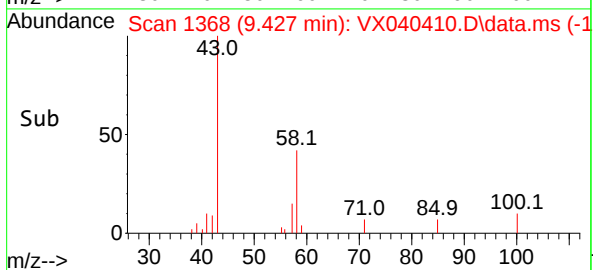
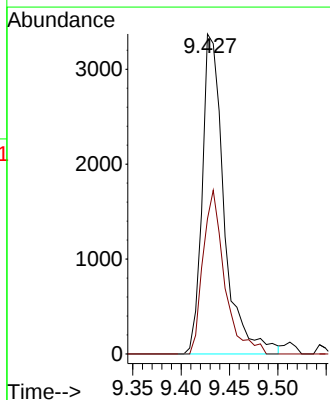
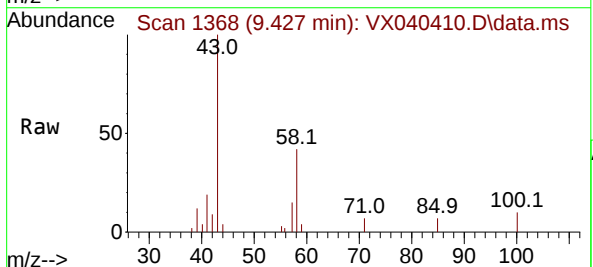
Manual Integrations
APPROVED

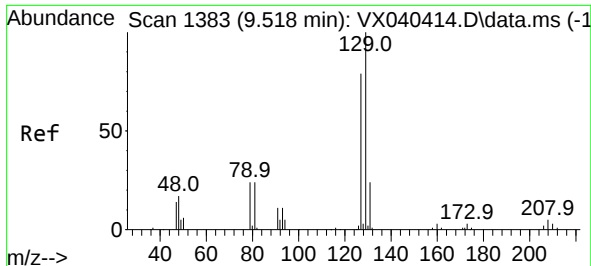
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#59
2-Hexanone
Concen: 3.846 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

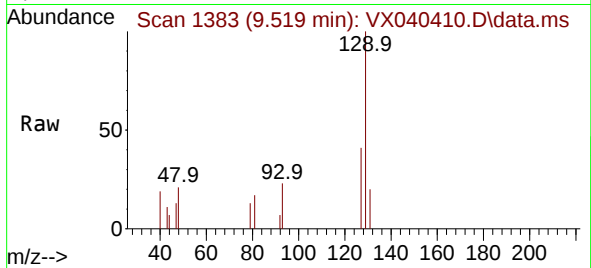
Tgt Ion: 43 Resp: 5329
Ion Ratio Lower Upper
43 100
58 50.3 26.2 78.5





#60
Dibromochloromethane
Concen: 0.769 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

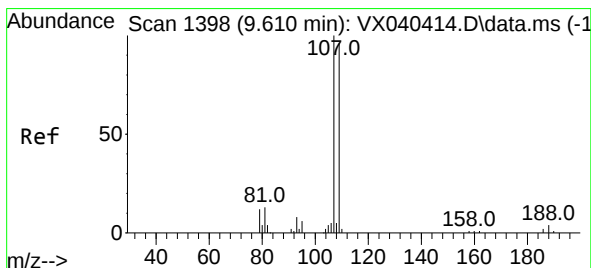
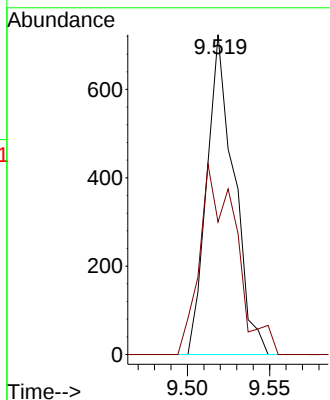
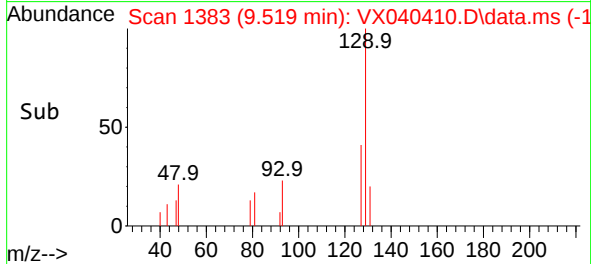
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



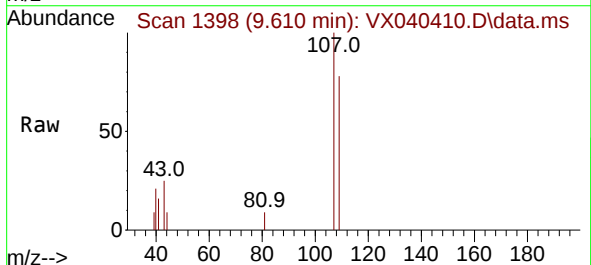
Tgt Ion:129 Resp: 833
Ion Ratio Lower Upper
129 100
127 79.8 38.8 116.4

Manual Integrations
APPROVED

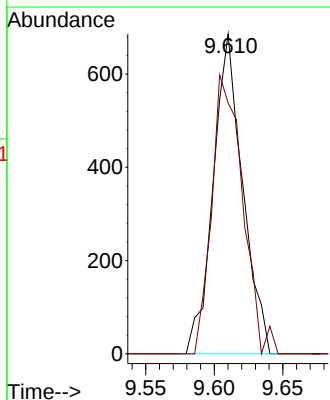
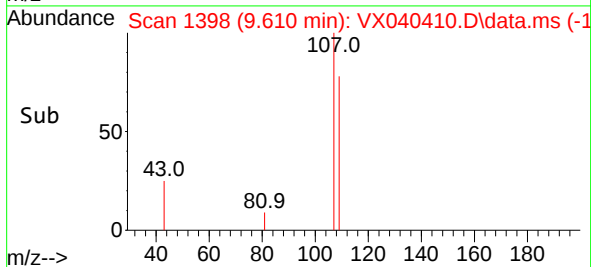
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

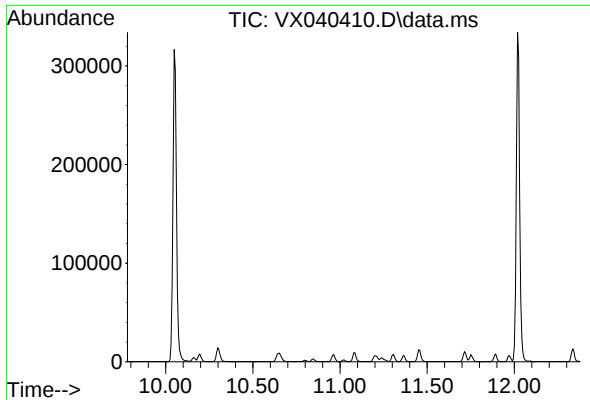


#61
1,2-Dibromoethane
Concen: 0.882 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



Tgt Ion:107 Resp: 1021
Ion Ratio Lower Upper
107 100
109 91.7 75.2 112.8





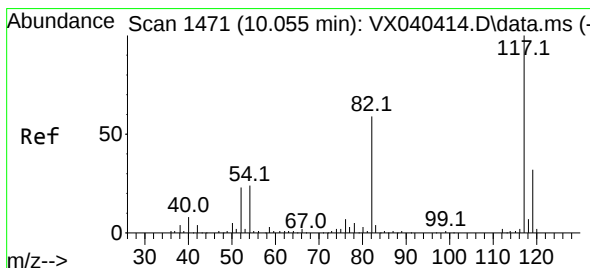
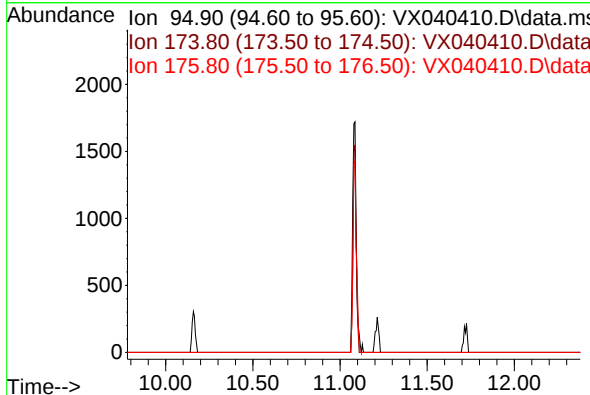
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 67.8
 176 65.5

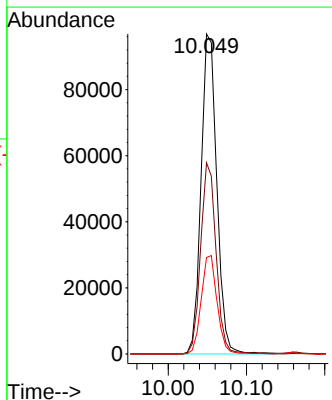
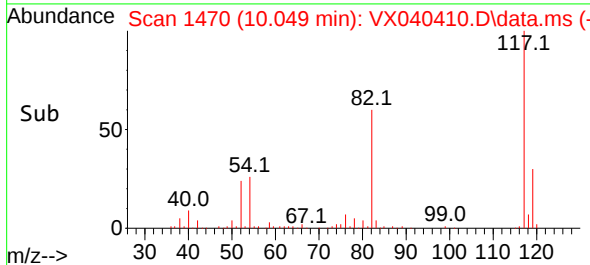
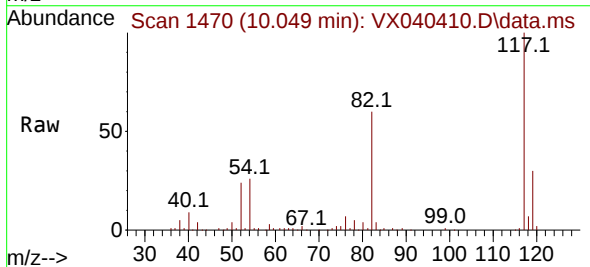
Manual Integrations
 APPROVED

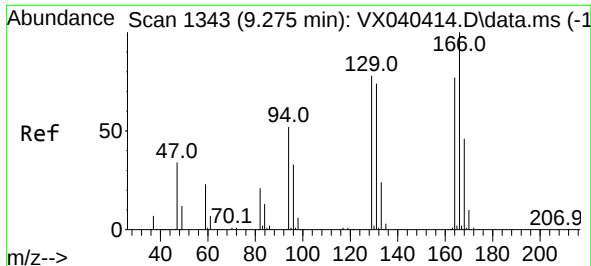
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. -0.006 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

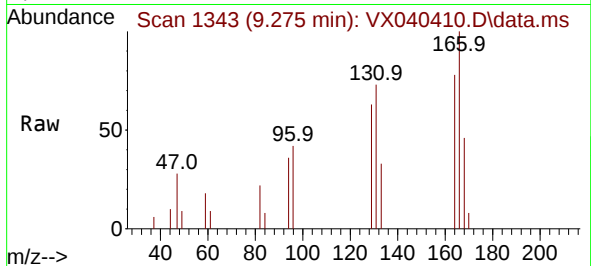
Tgt Ion:117 Resp: 135141
 Ion Ratio Lower Upper
 117 100
 82 59.8 46.2 69.4
 119 30.2 25.5 38.3





#64
Tetrachloroethene
Concen: 1.054 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

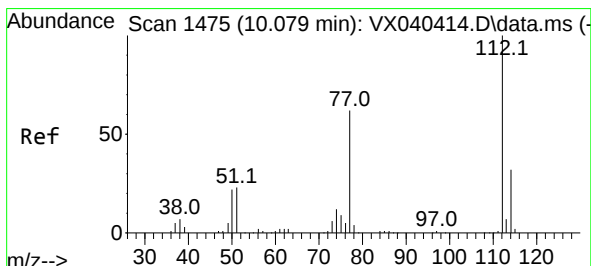
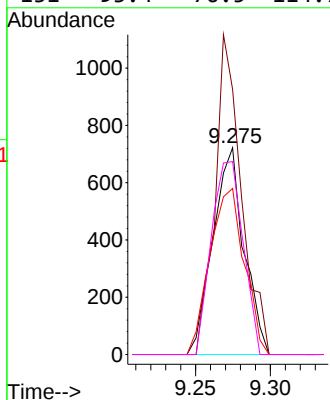
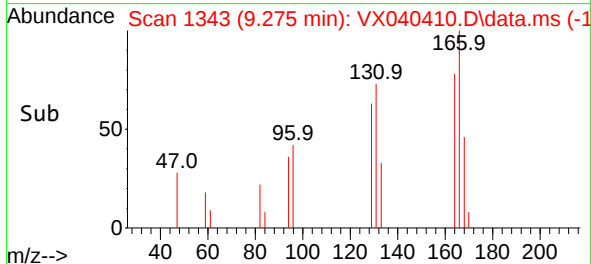
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1043
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 80.3 80.4 120.6
131 93.4 76.5 114.7

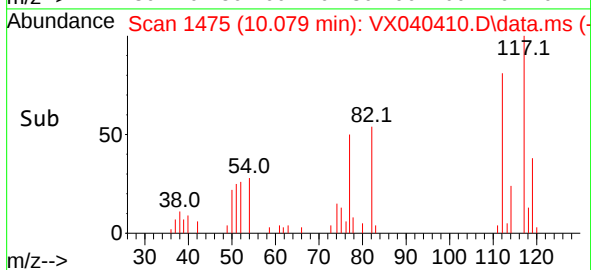
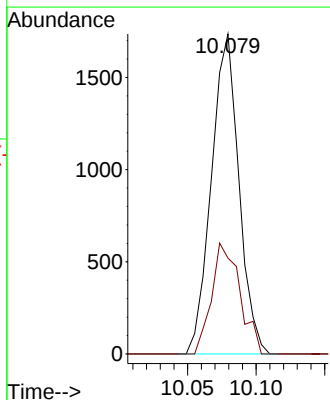
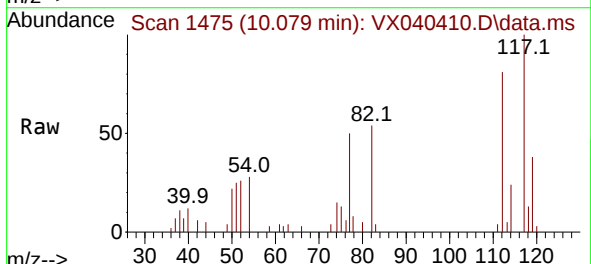
Manual Integrations
APPROVED

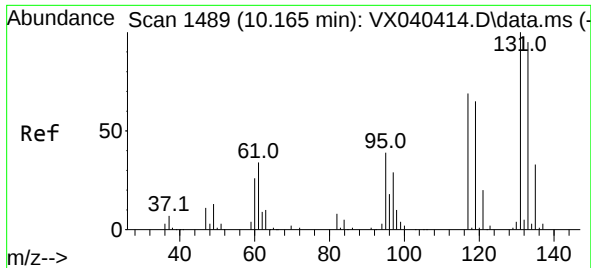
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#65
Chlorobenzene
Concen: 0.890 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

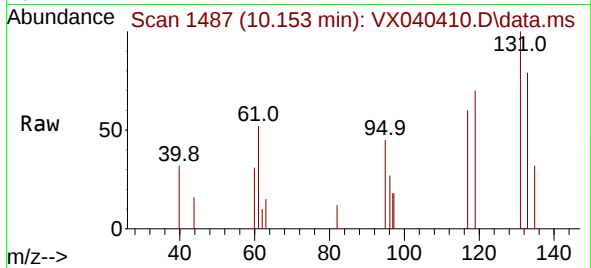
Tgt Ion:112 Resp: 2423
Ion Ratio Lower Upper
112 100
114 30.0 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.796 ug/l
RT: 10.153 min Scan# 1487
Delta R.T. -0.012 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

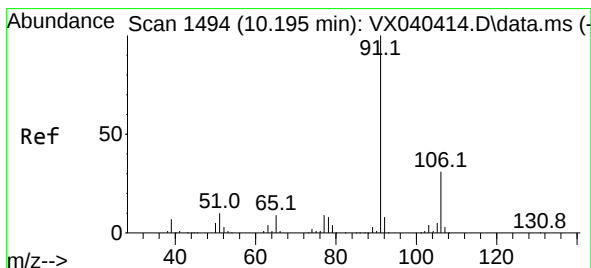
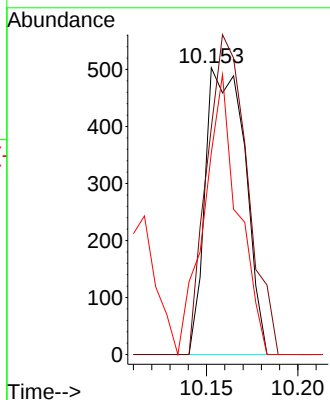
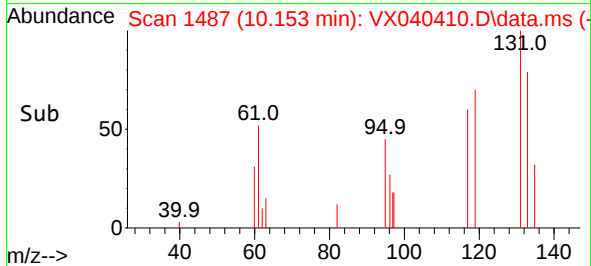
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 758
Ion Ratio Lower Upper
131 100
133 113.2 47.1 141.4
119 0.0 32.2 96.6

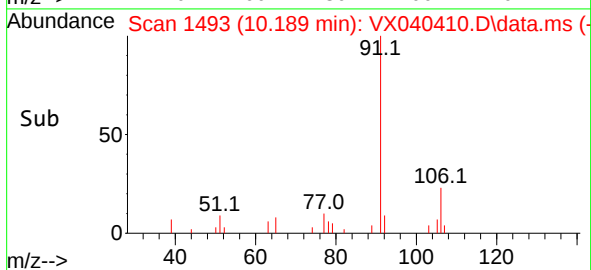
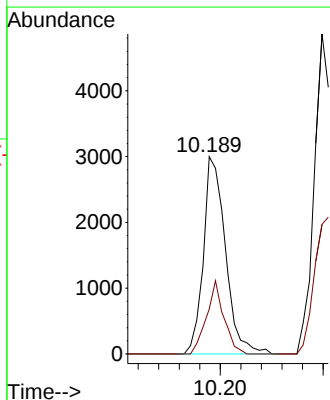
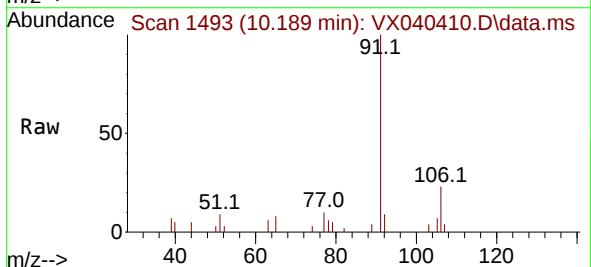
Manual Integrations
APPROVED

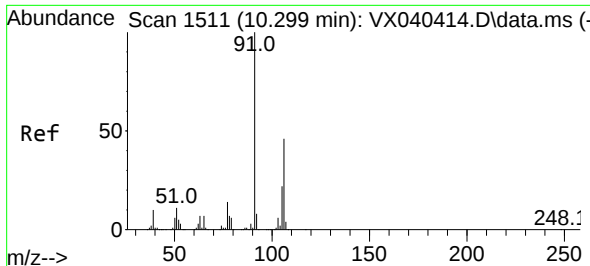
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#67
Ethyl Benzene
Concen: 0.877 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

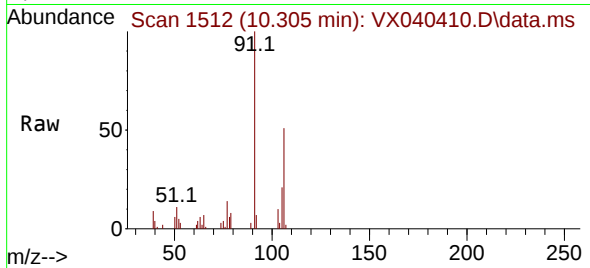
Tgt Ion: 91 Resp: 4476
Ion Ratio Lower Upper
91 100
106 22.8 24.9 37.3#





#68
m/p-Xylenes
Concen: 1.717 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

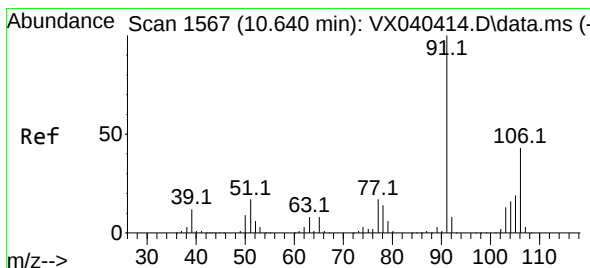
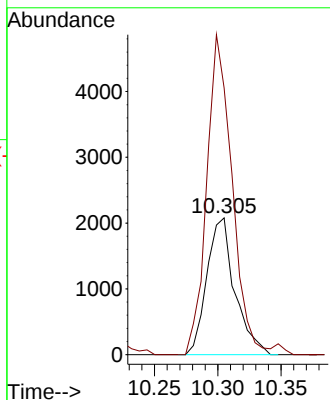
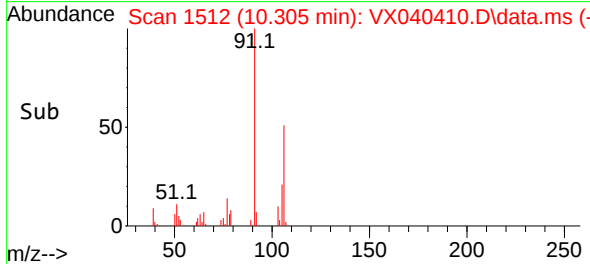
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



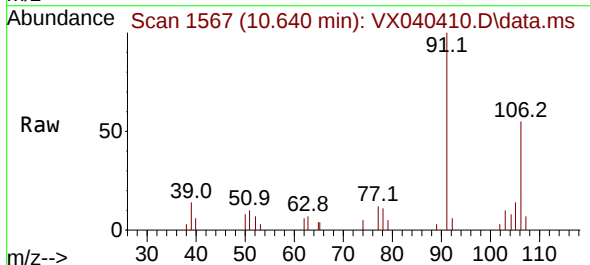
Tgt Ion:106 Resp: 3190
Ion Ratio Lower Upper
106 100
91 214.7 165.5 248.3

Manual Integrations
APPROVED

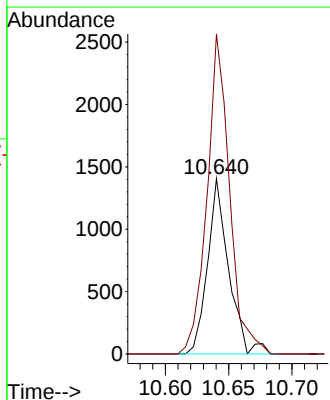
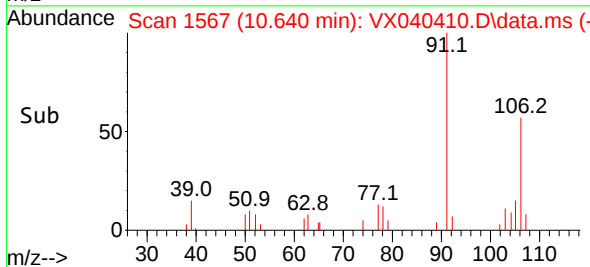
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

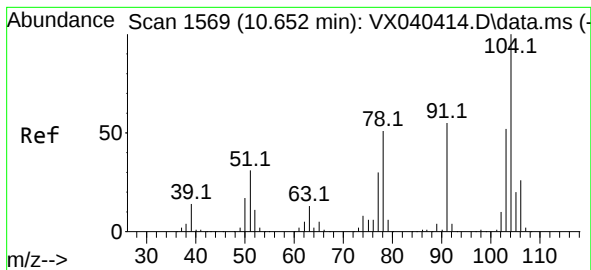


#69
o-Xylene
Concen: 0.888 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



Tgt Ion:106 Resp: 1634
Ion Ratio Lower Upper
106 100
91 194.2 108.9 326.8





#70

Styrene

Concen: 0.779 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

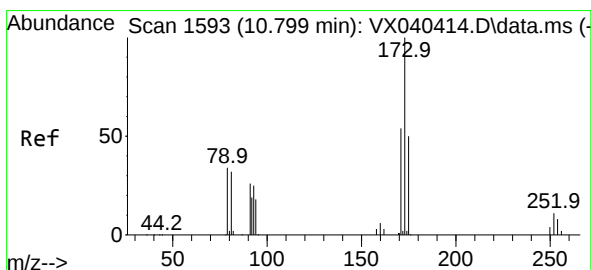
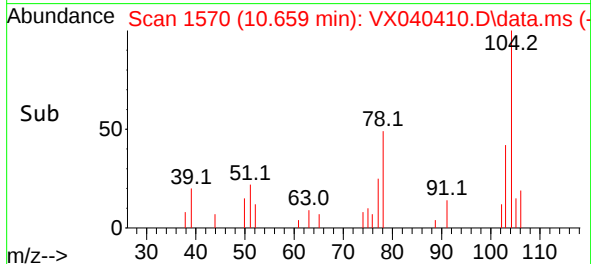
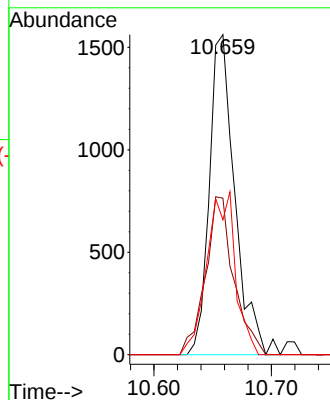
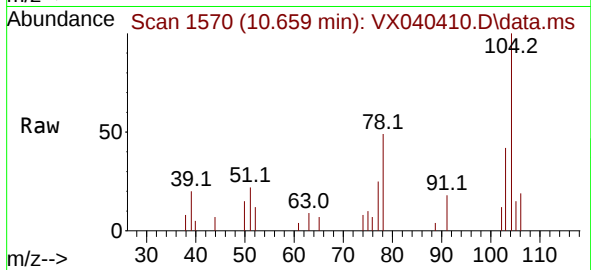
Tgt Ion:104	Resp:	236
Ion Ratio	Lower	Upper
104	100	
78	55.0	43.6 65.4
103	56.3	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#71

Bromoform

Concen: 0.808 ug/l

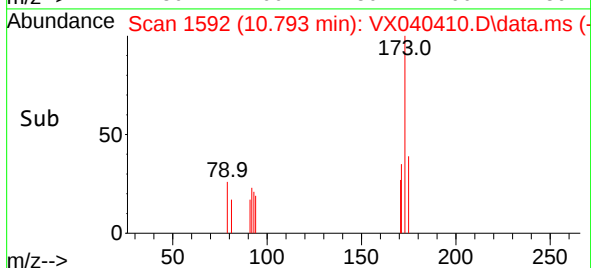
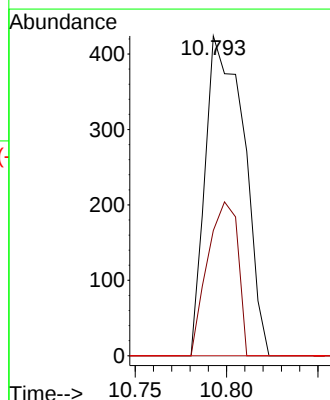
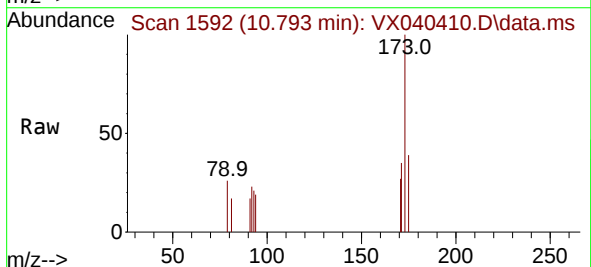
RT: 10.793 min Scan# 1592

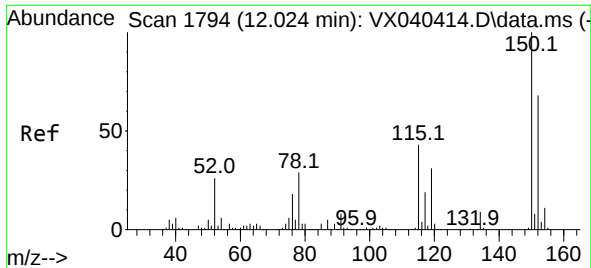
Delta R.T. -0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

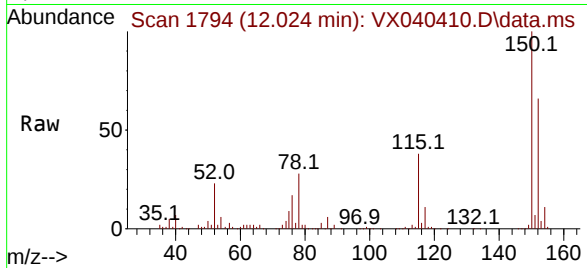
Tgt Ion:173	Resp:	622
Ion Ratio	Lower	Upper
173	100	
175	37.9	24.1 72.4
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

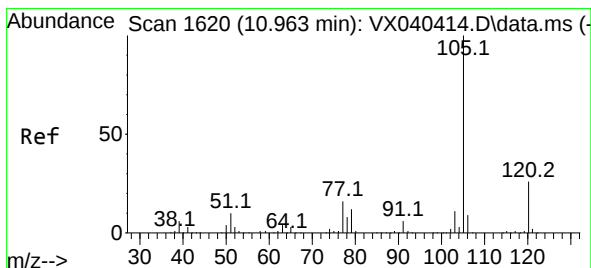
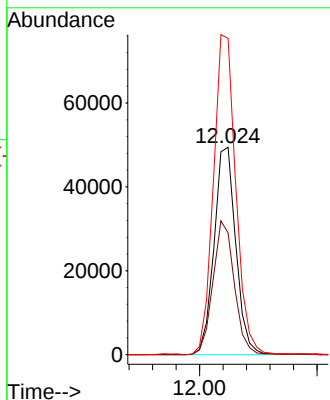
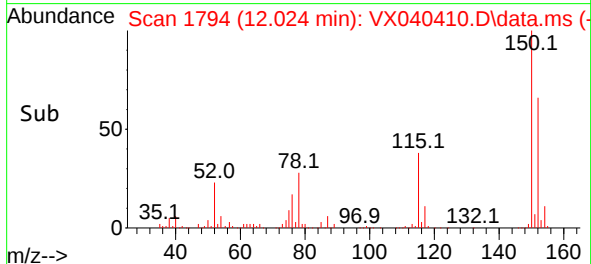
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



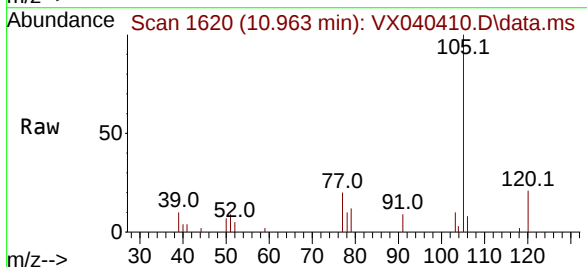
Tgt Ion:152 Resp: 6351
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 158.9 0.0 345.0

Manual Integrations
APPROVED

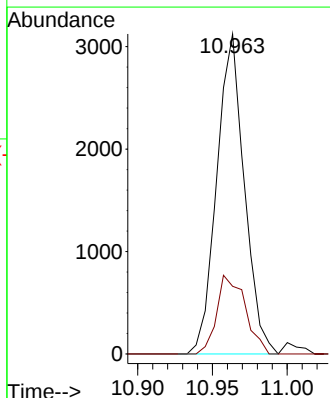
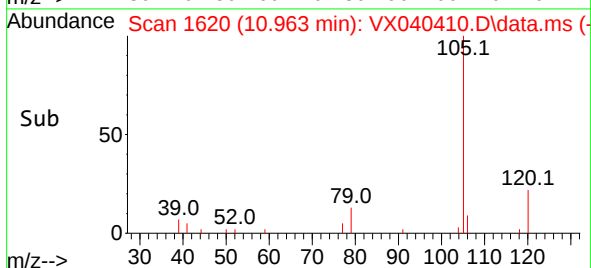
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

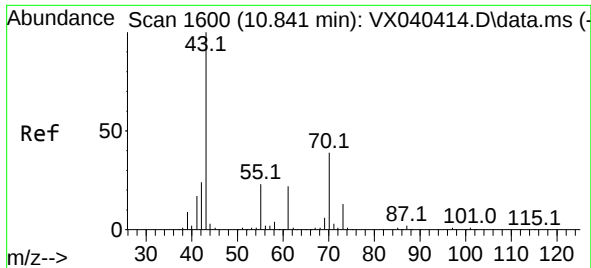


#73
Isopropylbenzene
Concen: 0.891 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



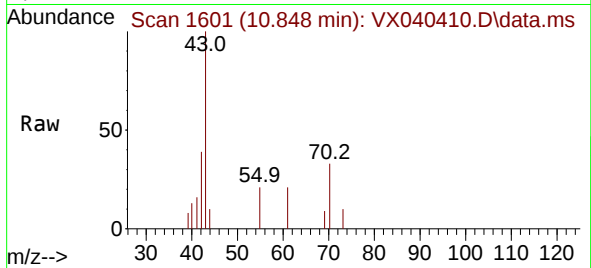
Tgt Ion:105 Resp: 4002
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6





#74
N-amy1 acetate
Concen: 0.669 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

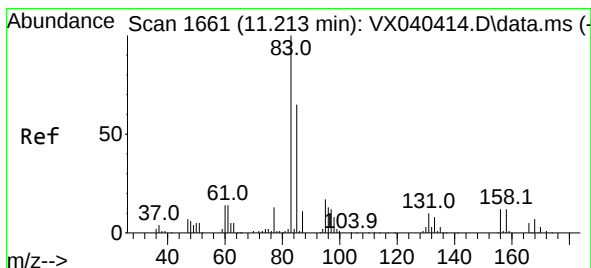
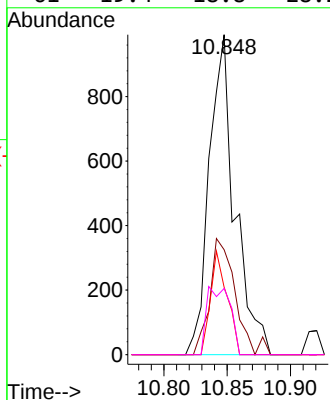
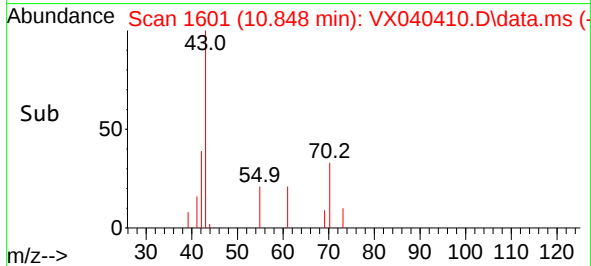
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43	Resp: 139
Ion Ratio	Lower Upper
43 100	
70 36.1	32.9 49.3
55 21.0	19.3 28.9
61 19.4	18.8 28.2

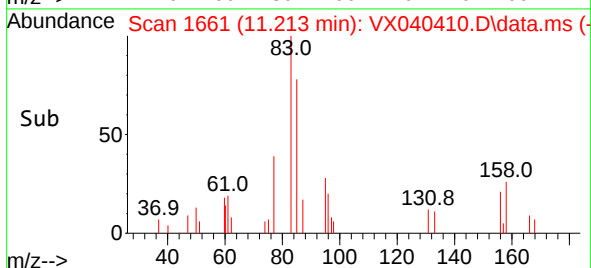
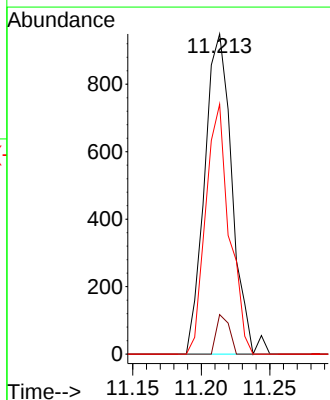
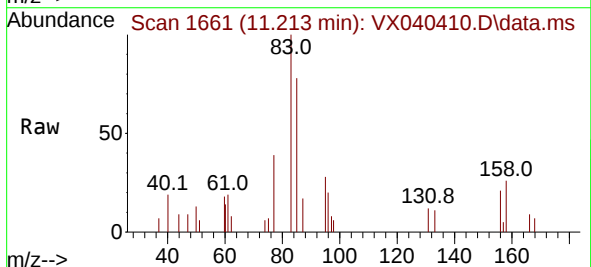
Manual Integrations
APPROVED

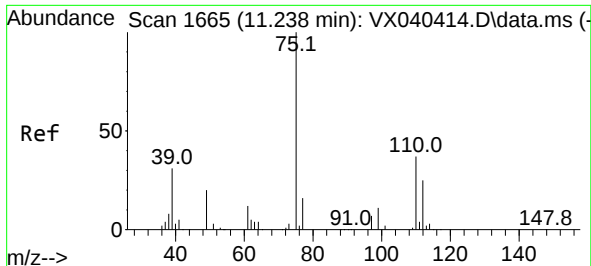
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 0.823 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

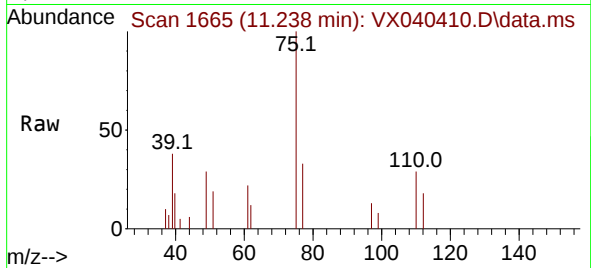
Tgt Ion: 83	Resp: 1322		
Ion Ratio	Lower	Upper	
83 100			
131 5.7	5.3	15.8	
85 67.5	32.0	96.2	





#76
1,2,3-Trichloropropane
Concen: 1.031 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

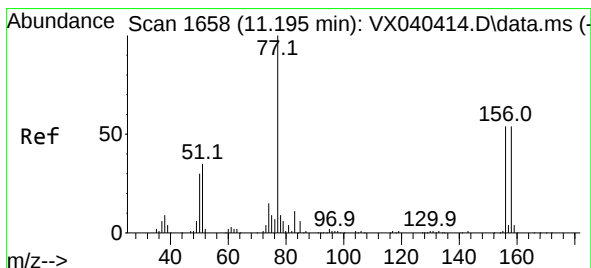
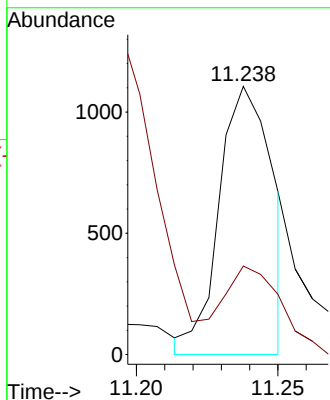
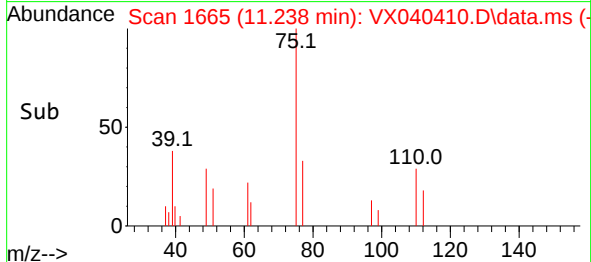
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



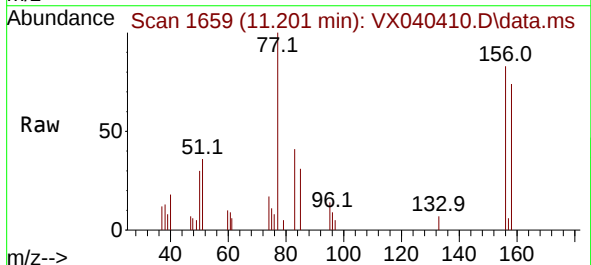
Tgt Ion: 75 Resp: 1450
Ion Ratio Lower Upper
75 100
77 33.9 19.1 57.5

Manual Integrations
APPROVED

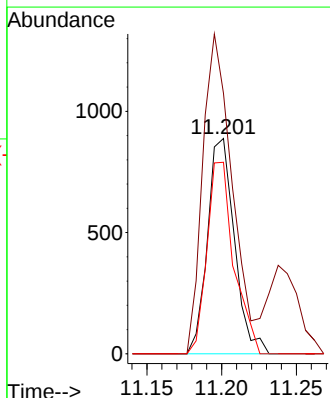
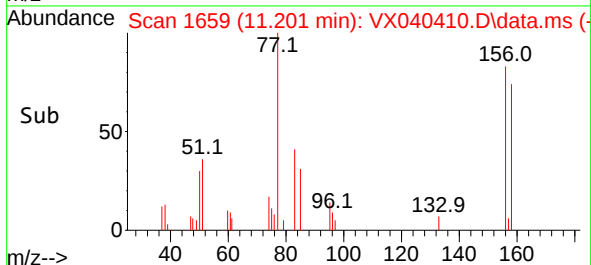
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

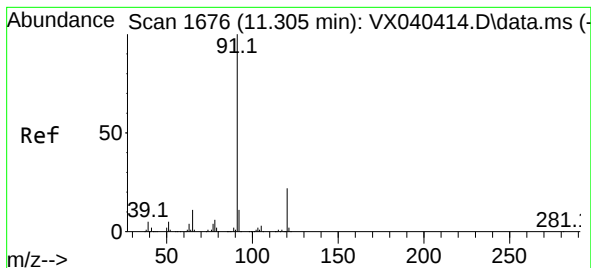


#77
Bromobenzene
Concen: 1.014 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



Tgt Ion:156 Resp: 1114
Ion Ratio Lower Upper
156 100
77 159.9 88.4 265.3
158 89.0 48.0 144.0





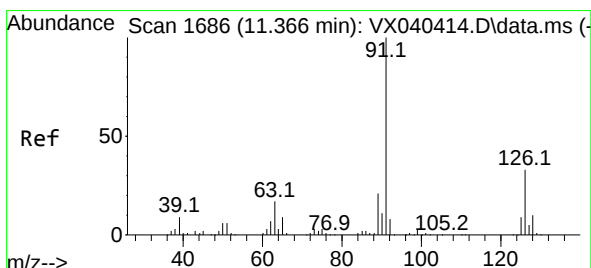
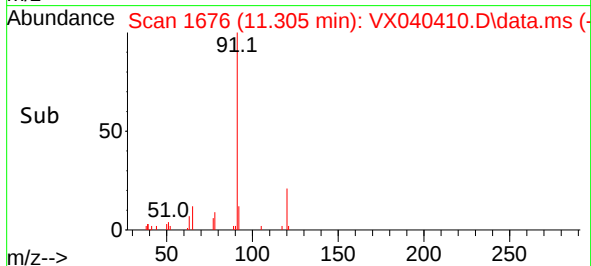
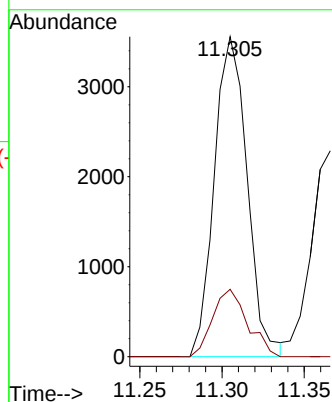
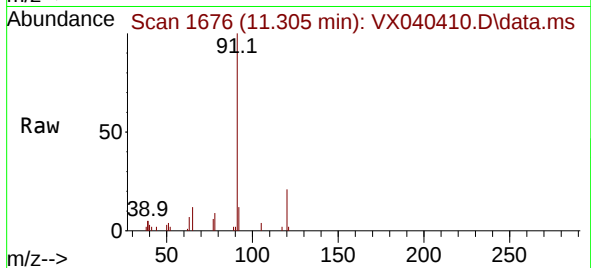
#78
n-propylbenzene
Concen: 0.889 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4930
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

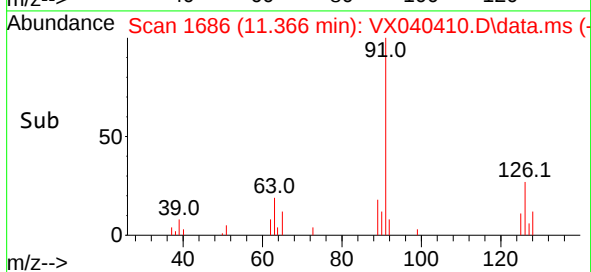
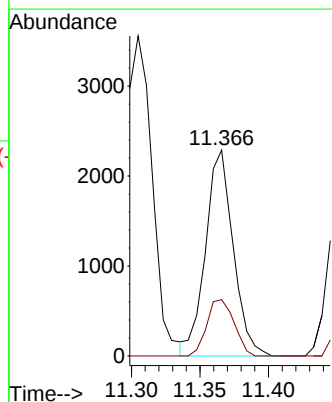
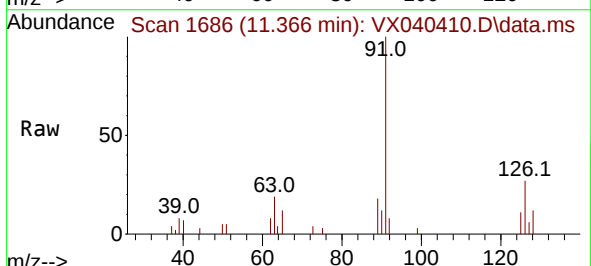
Manual Integrations
APPROVED

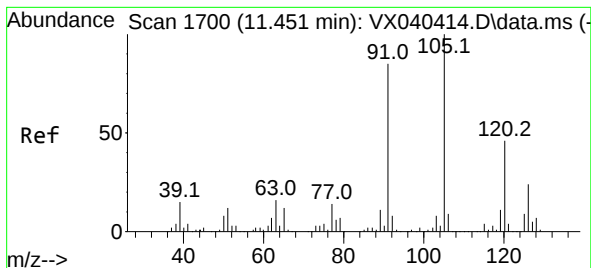
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#79
2-Chlorotoluene
Concen: 0.972 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

Tgt Ion: 91 Resp: 3220
Ion Ratio Lower Upper
91 100
126 26.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.872 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 3329

Ion Ratio Lower Upper

105 100

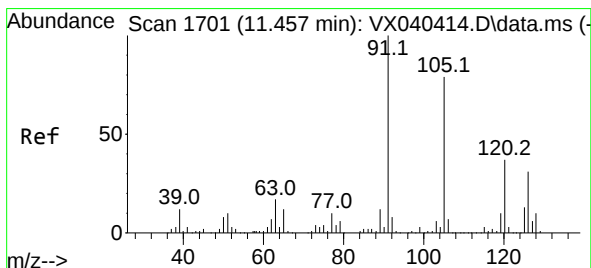
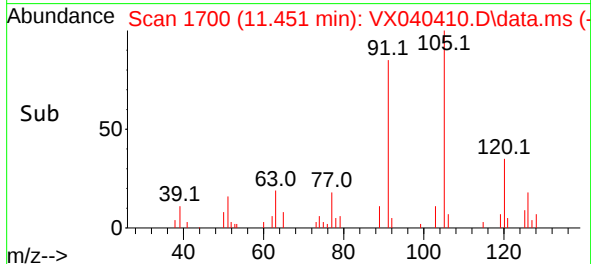
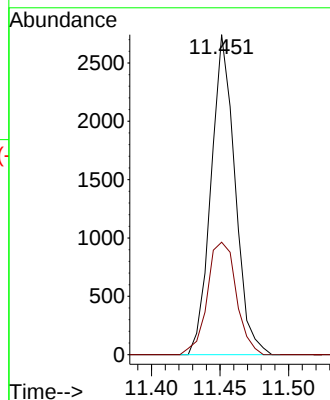
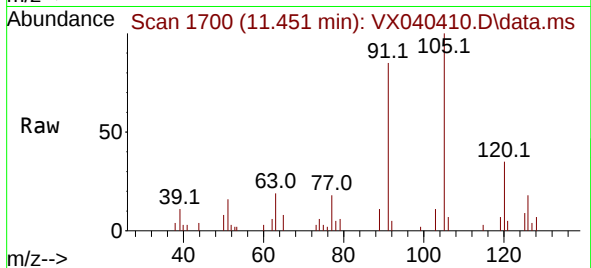
120 42.6 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#82

4-Chlorotoluene

Concen: 0.933 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX040410.D

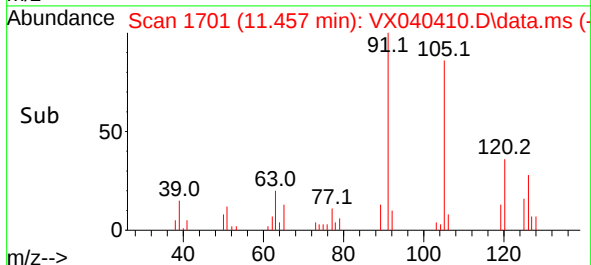
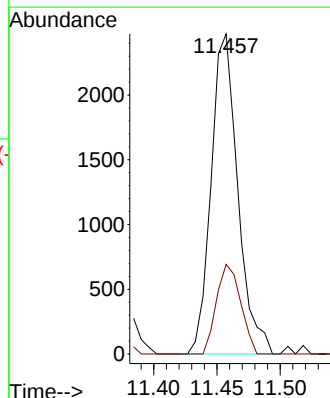
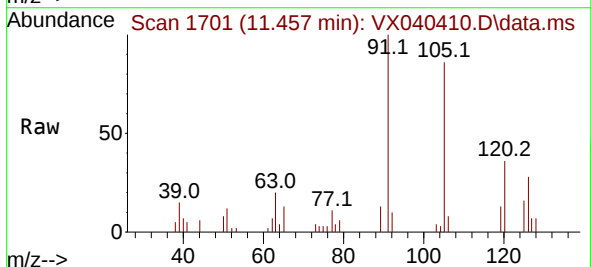
Acq: 22 Feb 2024 20:47

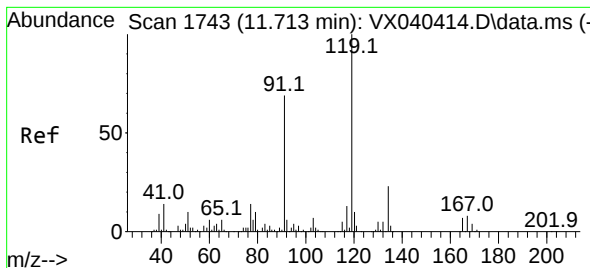
Tgt Ion: 91 Resp: 3624

Ion Ratio Lower Upper

91 100

126 25.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.881 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

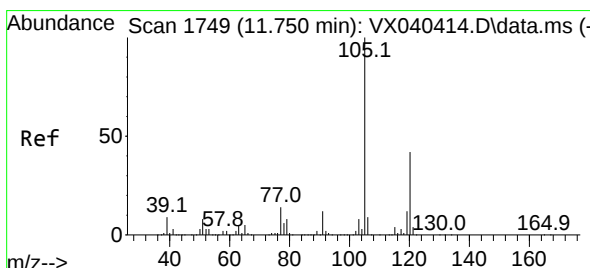
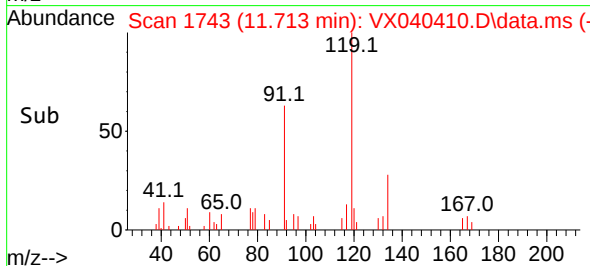
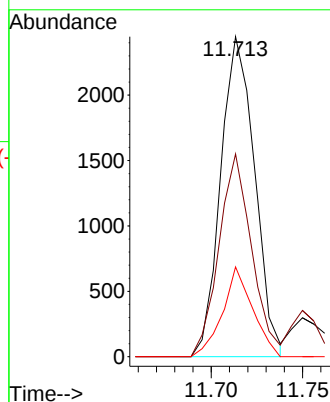
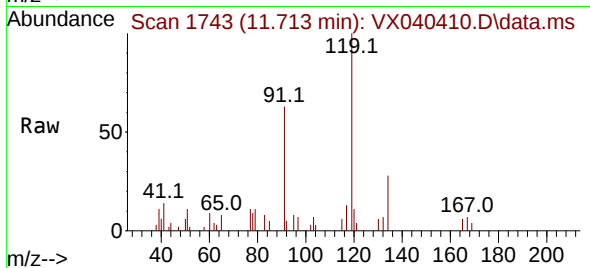
Tgt Ion:	119	Resp:	3172
Ion Ratio	Lower	Upper	
119	100		
91	61.2	31.2	93.6
134	24.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.871 ug/l

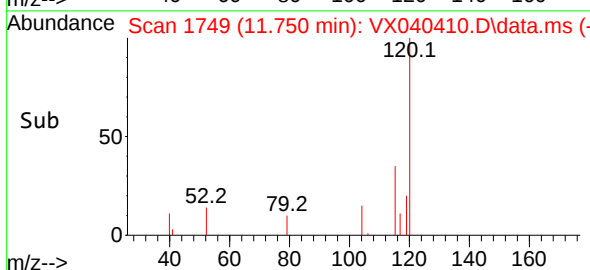
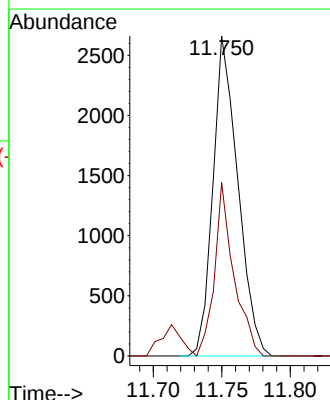
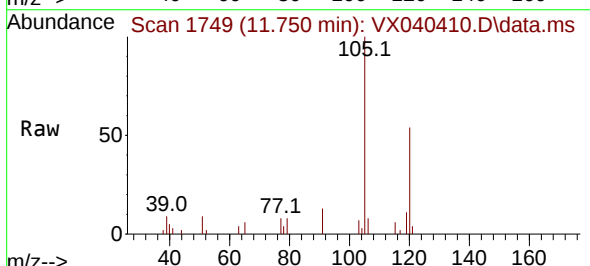
RT: 11.750 min Scan# 1749

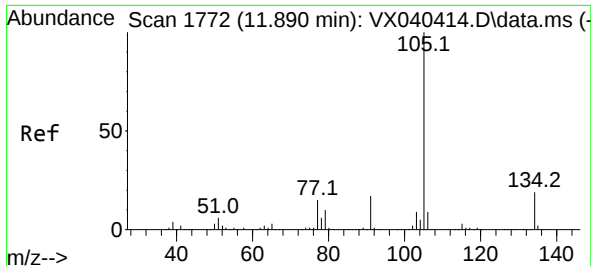
Delta R.T. 0.000 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

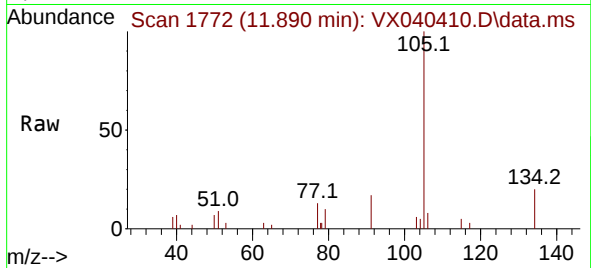
Tgt Ion:	105	Resp:	3356
Ion Ratio	Lower	Upper	
105	100		
120	42.0	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.869 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47

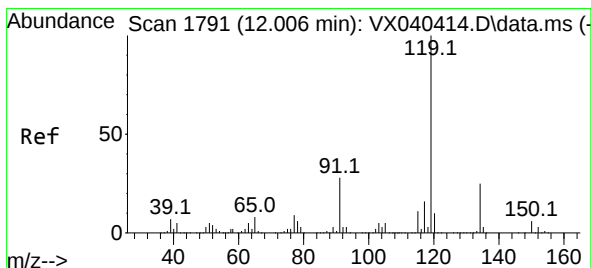
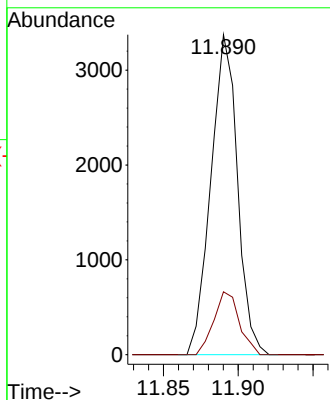
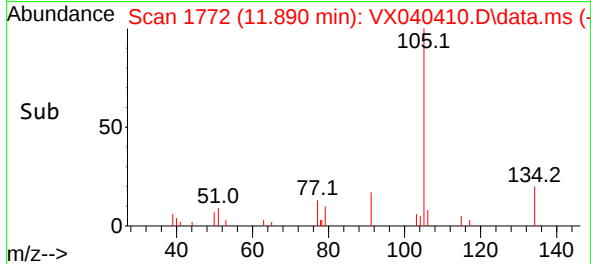
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001



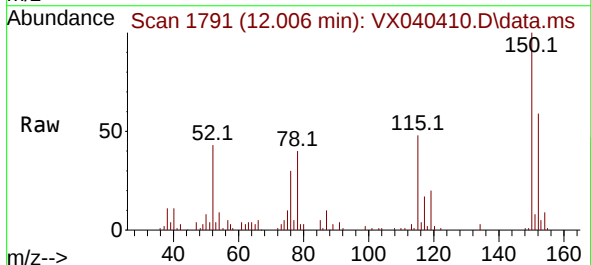
Tgt Ion:105 Resp: 416
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

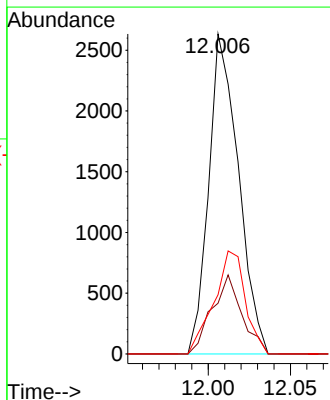
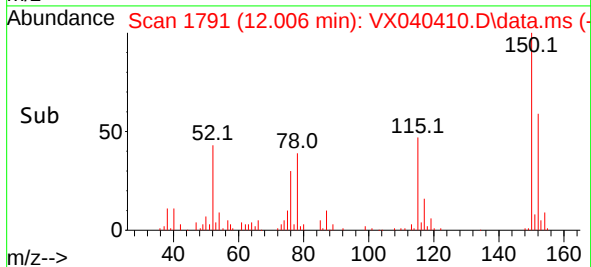
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

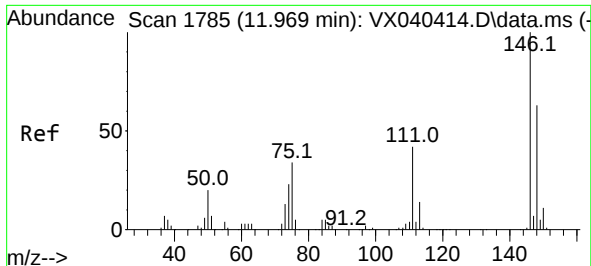


#86
 p-Isopropyltoluene
 Concen: 0.862 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040410.D
 Acq: 22 Feb 2024 20:47



Tgt Ion:119 Resp: 3301
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.3
 91 34.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.020 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 214

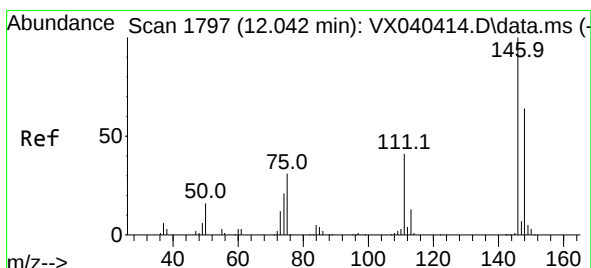
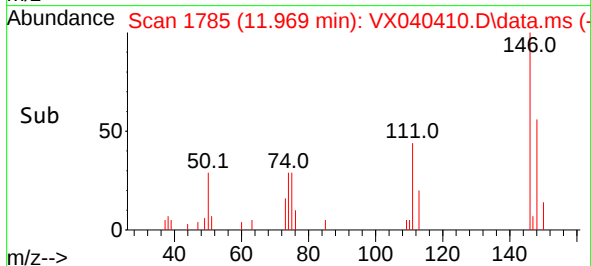
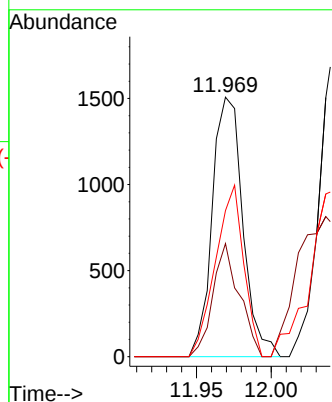
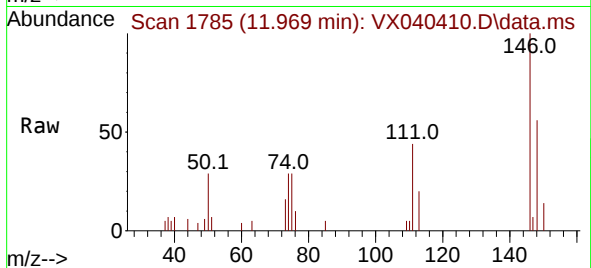
Ion	Ratio	Lower	Upper
146	100		
111	37.8	22.1	66.1
148	60.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

Concen: 1.114 ug/l m

RT: 12.043 min Scan# 1797

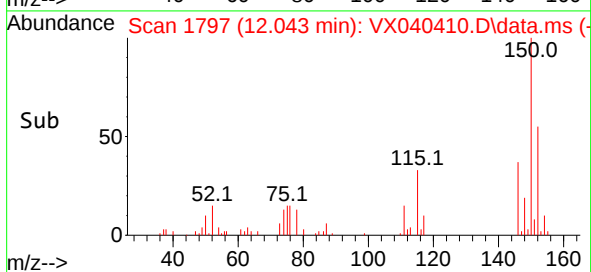
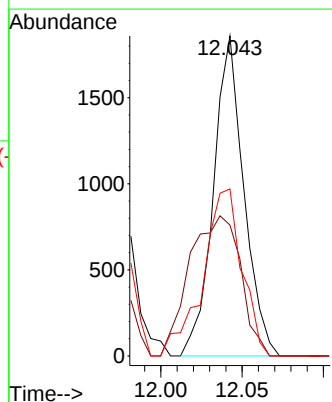
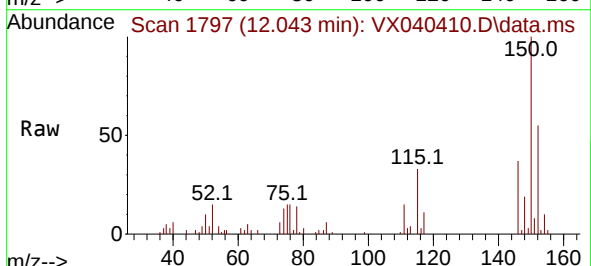
Delta R.T. 0.000 min

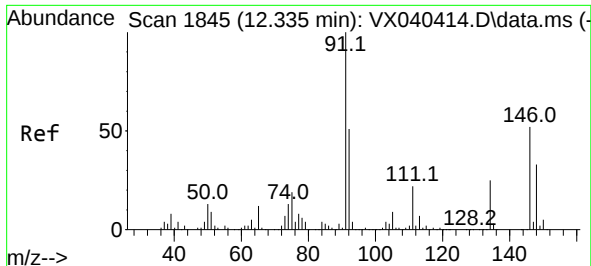
Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Tgt Ion:146 Resp: 2425

Ion	Ratio	Lower	Upper
146	100		
111	33.4	21.3	63.7
148	53.8	31.8	95.4





#89

n-Butylbenzene

Concen: 0.918 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 345

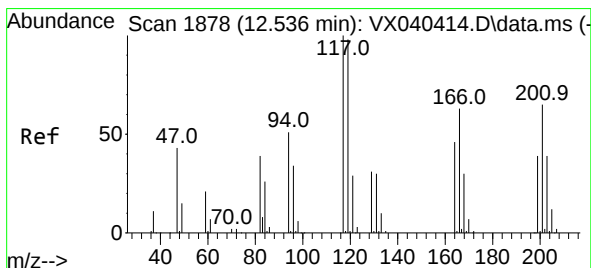
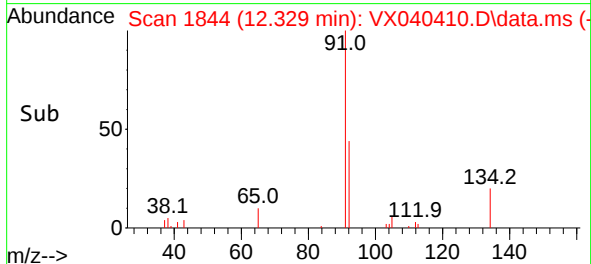
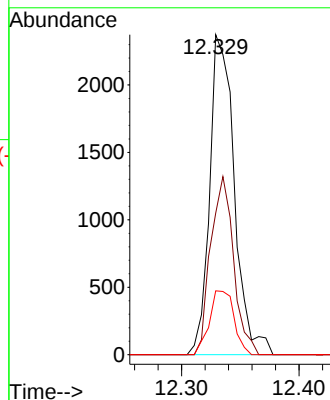
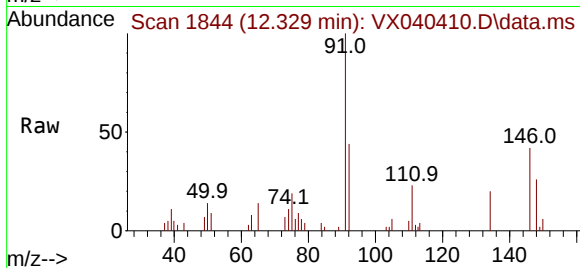
Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.4	82.0
134	19.9	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#90

Hexachloroethane

Concen: 0.768 ug/l

RT: 12.542 min Scan# 1879

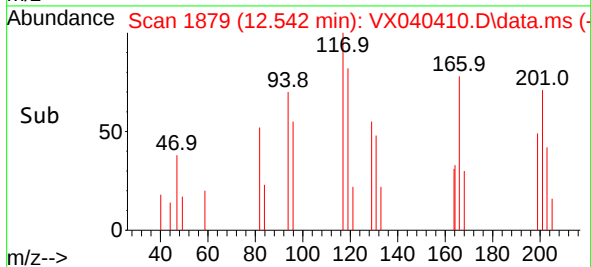
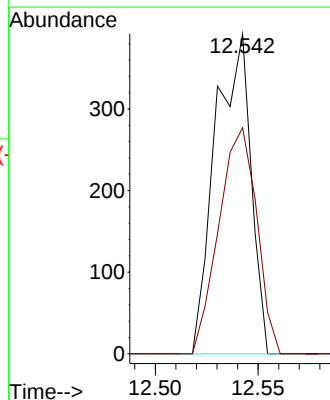
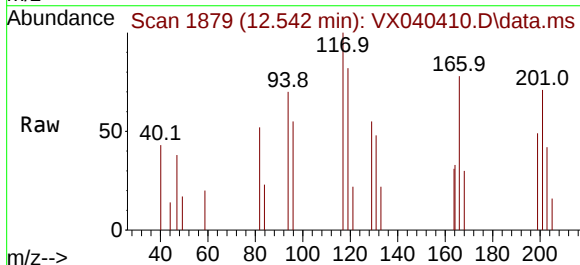
Delta R.T. 0.006 min

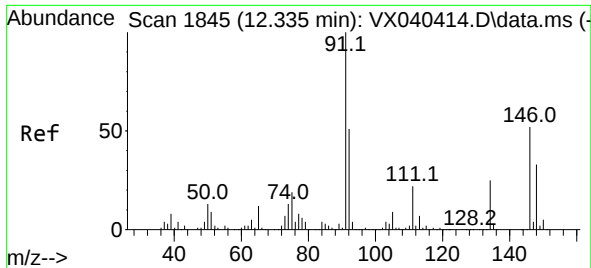
Lab File: VX040410.D

Acq: 22 Feb 2024 20:47

Tgt Ion:117 Resp: 471

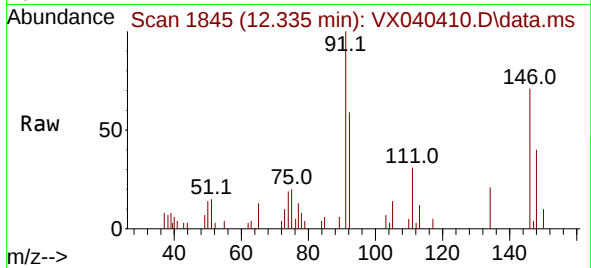
Ion	Ratio	Lower	Upper
117	100		
201	75.4	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 1.002 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

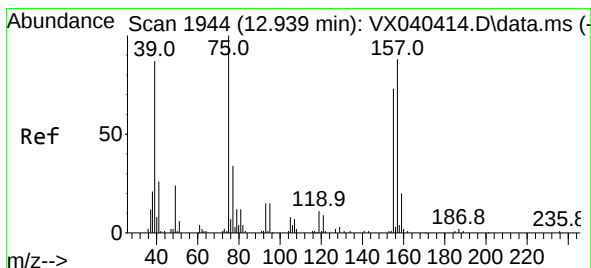
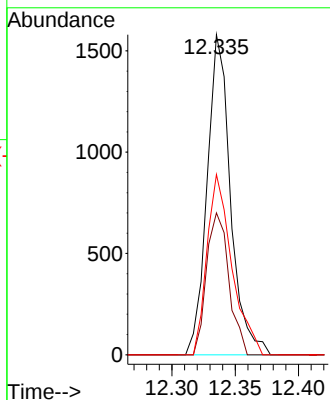
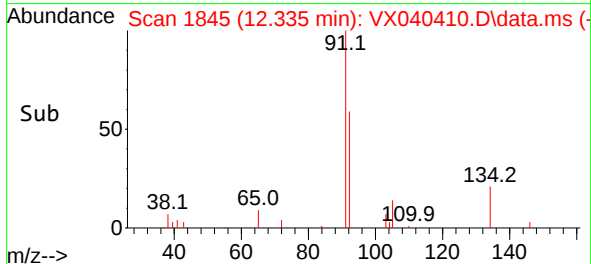
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



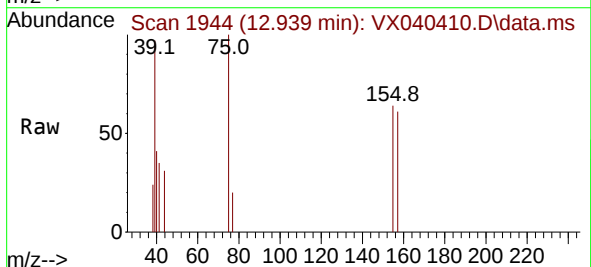
Tgt Ion:146 Resp: 2030
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.0
148 59.7 31.6 95.0

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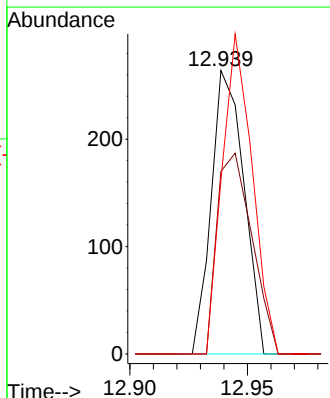
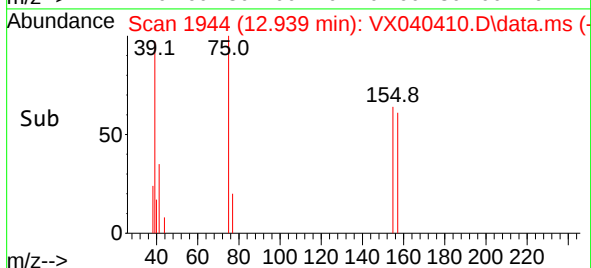
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

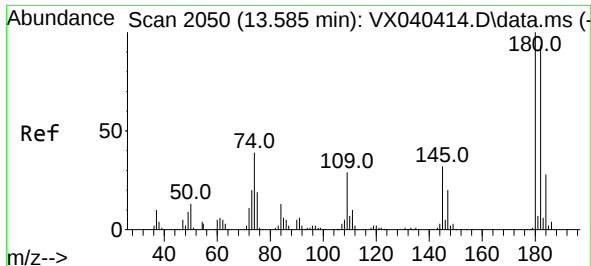


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.693 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



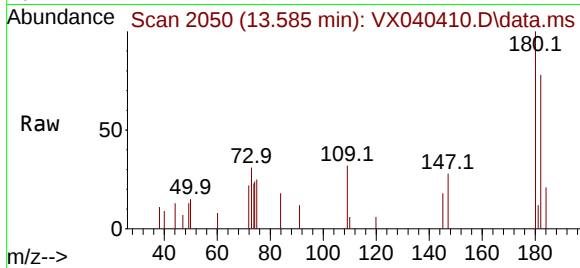
Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
155 76.4 36.1 108.5
157 104.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 0.977 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

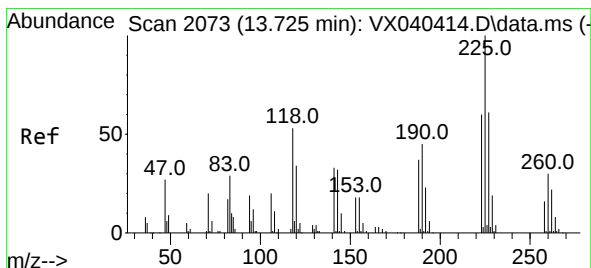
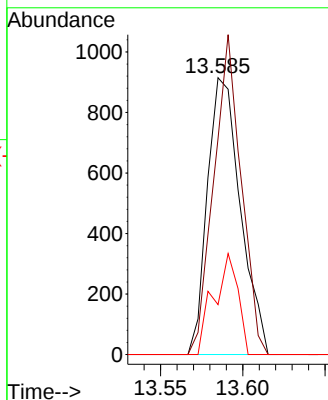
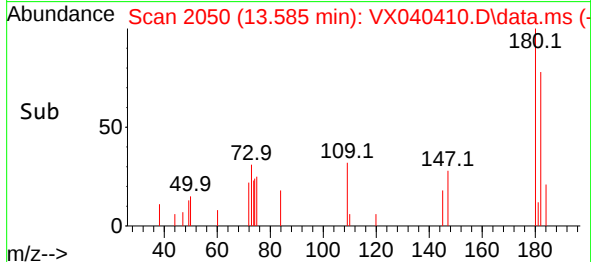
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



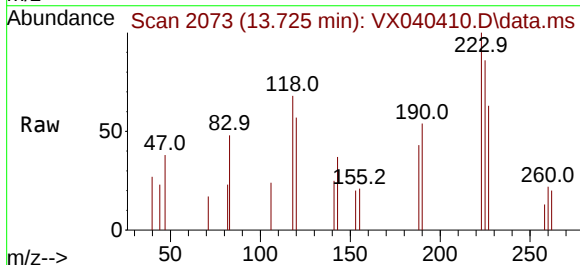
Tgt Ion:180 Resp: 127
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.8
145 26.5 18.0 54.0

Manual Integrations
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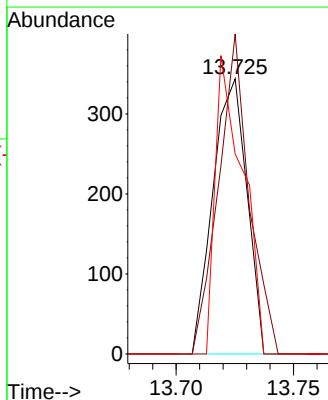
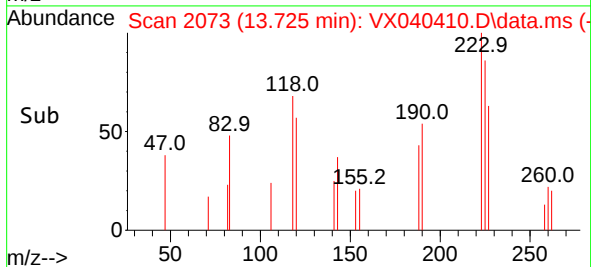
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

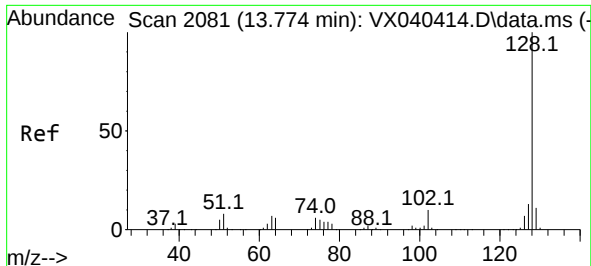


#94
Hexachlorobutadiene
Concen: 0.731 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



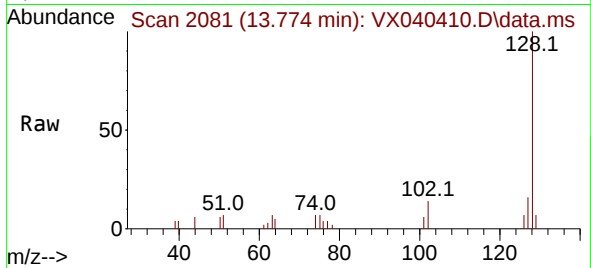
Tgt Ion:225 Resp: 346
Ion Ratio Lower Upper
225 100
223 105.2 31.1 93.2#
227 88.2 32.5 97.5





#95
Naphthalene
Concen: 0.810 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47

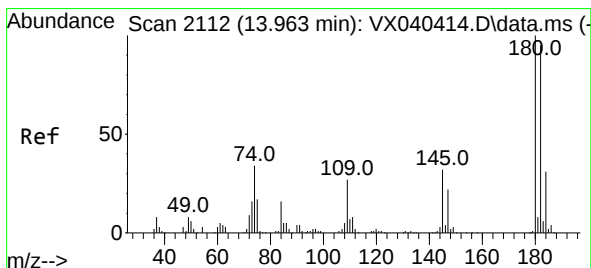
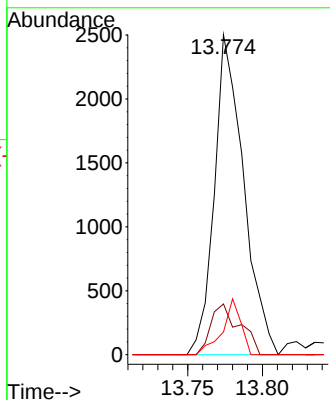
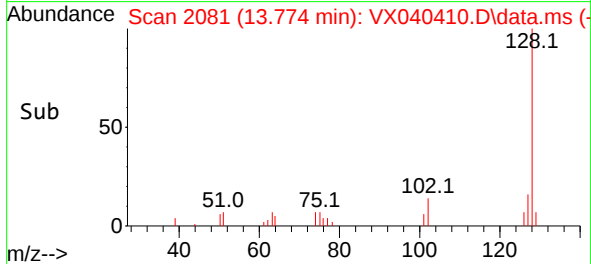
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



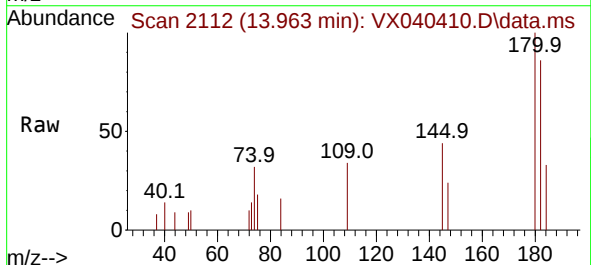
Tgt Ion:128 Resp: 3400
Ion Ratio Lower Upper
128 100
127 15.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.935 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040410.D
Acq: 22 Feb 2024 20:47



Tgt Ion:180 Resp: 1177
Ion Ratio Lower Upper
180 100
182 92.4 46.9 140.6
145 45.0 17.8 53.5

