

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041182.D
 Acq On : 22 Apr 2024 10:58
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:12:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	263854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	358950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	6361	2.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	5.060%	#	
35) Dibromofluoromethane	5.391	113	5405	2.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	4.960%	#	
50) Toluene-d8	8.647	98	13887	1.885	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	3.780%	#	
62) 4-Bromofluorobenzene	11.085	95	3445	1.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	2.540%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1946	0.932	ug/l	97
3) Chloromethane	1.294	50	2017	0.893	ug/l	# 77
4) Vinyl Chloride	1.374	62	2148	0.951	ug/l	98
5) Bromomethane	1.599	94	1826	1.435	ug/l	94
6) Chloroethane	1.666	64	713	0.831	ug/l	95
7) Trichlorofluoromethane	1.861	101	3300	0.943	ug/l	97
8) Diethyl Ether	2.136	74	1227	0.952	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	2050	0.995	ug/l	87
10) Methyl Iodide	2.441	142	2384	0.960	ug/l	# 87
11) Tert butyl alcohol	3.056	59	1068	2.376	ug/l	# 78
12) 1,1-Dichloroethene	2.300	96	1992	1.036	ug/l	# 78
13) Acrolein	2.239	56	2341	4.638	ug/l	99
14) Allyl chloride	2.660	41	2987	0.956	ug/l	98
15) Acrylonitrile	3.081	53	5022	4.368	ug/l	98
16) Acetone	2.398	43	4610	5.042	ug/l	92
17) Carbon Disulfide	2.501	76	3547	0.883	ug/l	96
18) Methyl Acetate	2.715	43	2834	1.048	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	6320	0.919	ug/l	95
20) Methylene Chloride	2.782	84	2031	0.910	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	1783	0.839	ug/l	# 78
22) Diisopropyl ether	3.770	45	6107	0.904	ug/l	92
23) Vinyl Acetate	3.727	43	22809	3.948	ug/l	100
24) 1,1-Dichloroethane	3.611	63	3445	0.912	ug/l	99
25) 2-Butanone	4.599	43	6527	4.180	ug/l	99
26) 2,2-Dichloropropane	4.465	77	2830	0.887	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	2229	0.846	ug/l	94
28) Bromochloromethane	4.897	49	1528	1.067	ug/l	# 73
29) Tetrahydrofuran	5.032	42	4919	4.624	ug/l	99
30) Chloroform	5.099	83	3865	0.954	ug/l	90
31) Cyclohexane	5.464	56	3138	0.928	ug/l	# 91
32) 1,1,1-Trichloroethane	5.385	97	3031	0.834	ug/l	# 51
36) 1,1-Dichloropropene	5.690	75	2607	0.933	ug/l	95
37) Ethyl Acetate	4.739	43	1615	0.527	ug/l	# 83
38) Carbon Tetrachloride	5.672	117	2645	0.848	ug/l	# 80
39) Methylcyclohexane	7.373	83	3218	0.868	ug/l	95
40) Benzene	6.037	78	8326	0.965	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	1306	0.818	ug/l #	63
42) 1,2-Dichloroethane	6.098	62	2721	0.910	ug/l	88
43) Isopropyl Acetate	6.354	43	4595	0.931	ug/l #	93
44) Trichloroethene	7.141	130	2182	0.870	ug/l	70
45) 1,2-Dichloropropane	7.440	63	1677	0.811	ug/l	97
46) Dibromomethane	7.598	93	1355	0.878	ug/l #	79
47) Bromodichloromethane	7.824	83	2362	0.831	ug/l	94
48) Methyl methacrylate	7.714	41	1812	0.776	ug/l	96
49) 1,4-Dioxane	7.708	88	687	13.667	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	13309	4.306	ug/l	100
52) Toluene	8.720	92	4816	0.886	ug/l	100
53) t-1,3-Dichloropropene	8.988	75	2277	0.816	ug/l #	86
54) cis-1,3-Dichloropropene	8.366	75	2401	0.757	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	1988	0.937	ug/l #	85
56) Ethyl methacrylate	9.128	69	2622	0.808	ug/l	95
57) 1,3-Dichloropropane	9.311	76	3114	0.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	6753	4.278	ug/l	93
59) 2-Hexanone	9.445	43	9357	3.948	ug/l	93
60) Dibromochloromethane	9.525	129	1749	0.714	ug/l	97
61) 1,2-Dibromoethane	9.616	107	1940	0.852	ug/l	91
64) Tetrachloroethene	9.275	164	2208	0.936	ug/l	92
65) Chlorobenzene	10.079	112	6134	0.969	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.165	131	1776	0.819	ug/l #	62
67) Ethyl Benzene	10.195	91	8772	0.869	ug/l	91
68) m/p-Xylenes	10.305	106	7260	1.781	ug/l	89
69) o-Xylene	10.640	106	3452	0.871	ug/l	94
70) Styrene	10.665	104	4998	0.775	ug/l	96
71) Bromoform	10.805	173	1400	0.756	ug/l #	95
73) Isopropylbenzene	10.963	105	8557	0.907	ug/l	96
74) N-amyl acetate	10.854	43	2828	0.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	2852	0.959	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	3066	1.255	ug/l	98
77) Bromobenzene	11.201	156	2382	0.868	ug/l	79
78) n-propylbenzene	11.305	91	8542	0.839	ug/l	98
79) 2-Chlorotoluene	11.366	91	6048	0.939	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	6830	0.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	557	0.643	ug/l	85
82) 4-Chlorotoluene	11.457	91	6763	0.926	ug/l	96
83) tert-Butylbenzene	11.713	119	7669	0.913	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	6376	0.819	ug/l	88
85) sec-Butylbenzene	11.890	105	8238	0.849	ug/l	95
86) p-Isopropyltoluene	12.012	119	6832	0.799	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	4584	0.930	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	4584	0.906	ug/l	94
89) n-Butylbenzene	12.335	91	4938	0.761	ug/l	97
90) Hexachloroethane	12.542	117	1024	0.726	ug/l	59
91) 1,2-Dichlorobenzene	12.341	146	4514	0.914	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	477	0.764	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	2406	0.703	ug/l	90
94) Hexachlorobutadiene	13.725	225	1258	0.719	ug/l	96
95) Naphthalene	13.780	128	6540	0.665	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2452	0.680	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDICC001

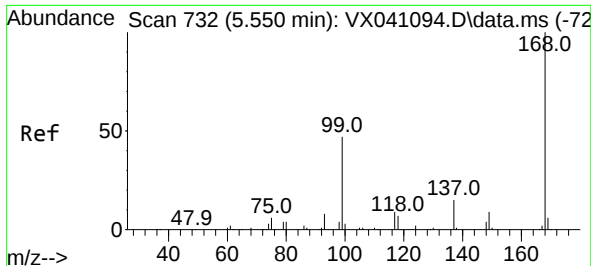
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:12:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:06:51 2024
Response via : Initial Calibration

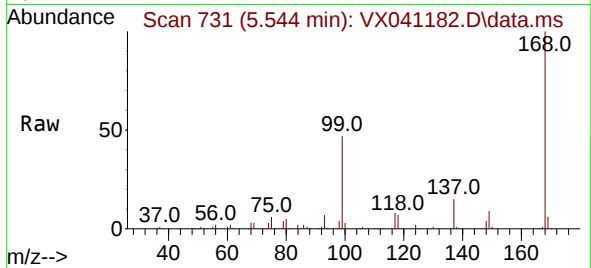
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

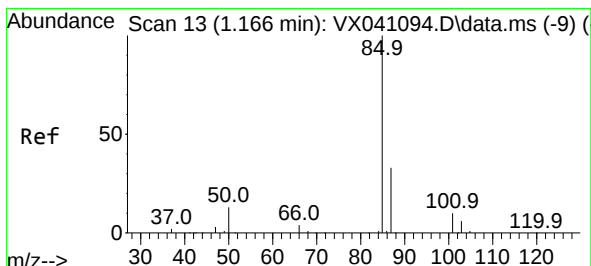
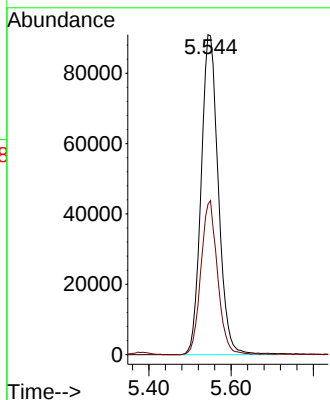
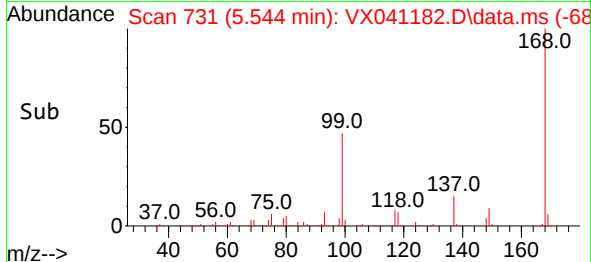
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 263854
Ion Ratio Lower Upper
168 100
99 46.9 56.6 85.0

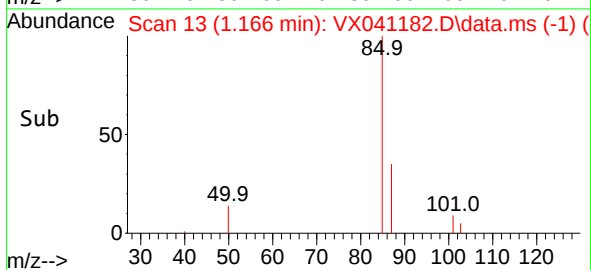
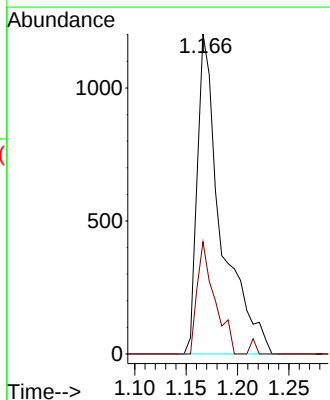
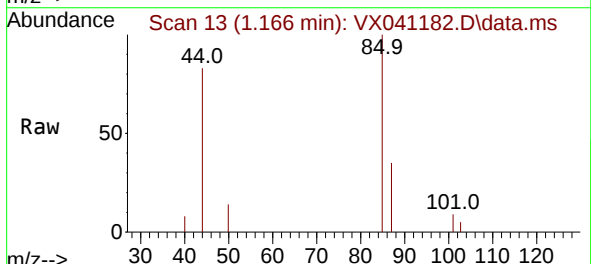
Manual Integrations
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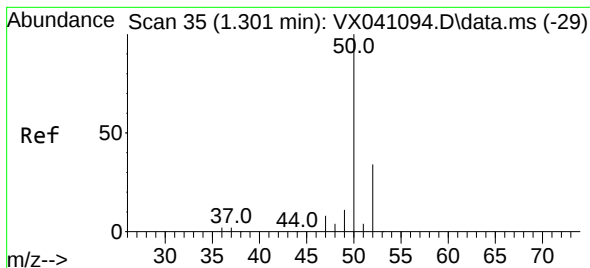
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 0.932 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 85 Resp: 1946
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.1





#3

Chloromethane

Concen: 0.893 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 50 Resp: 201

Ion Ratio Lower Upper

50 100

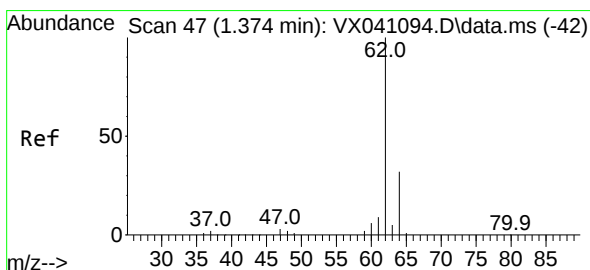
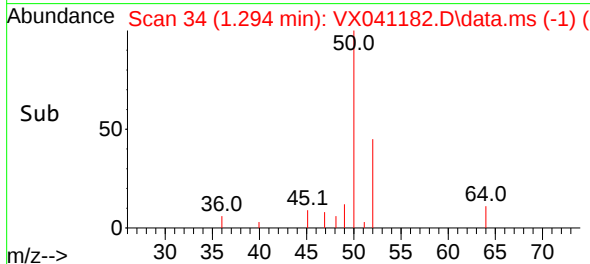
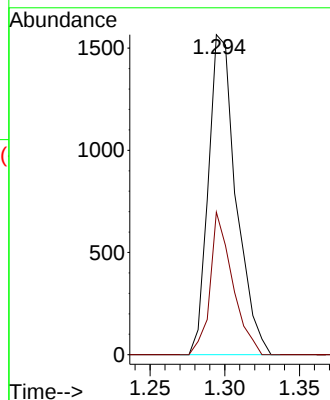
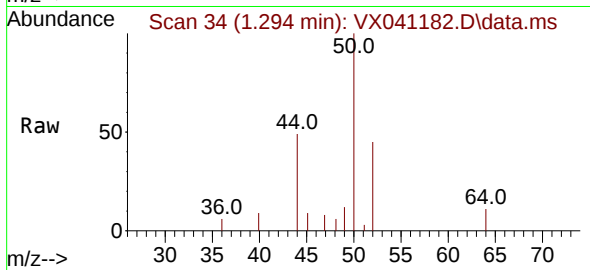
52 44.6 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#4

Vinyl Chloride

Concen: 0.951 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX041182.D

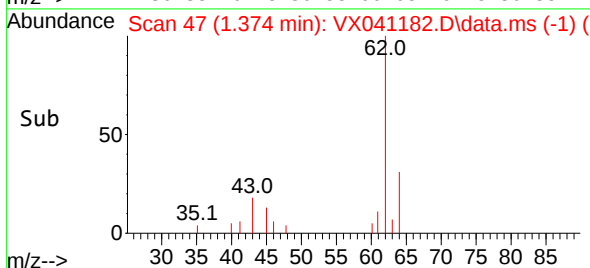
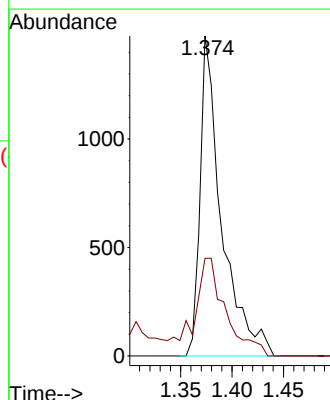
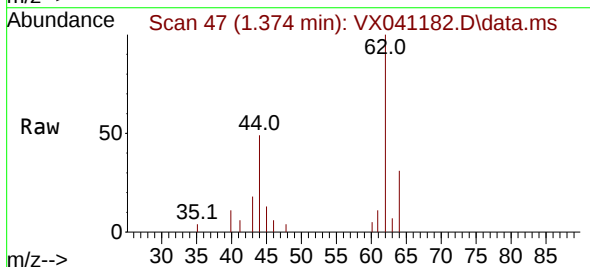
Acq: 22 Apr 2024 10:58

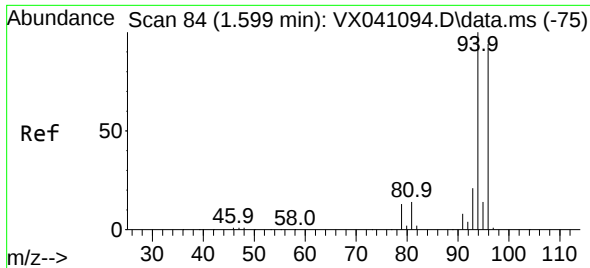
Tgt Ion: 62 Resp: 2148

Ion Ratio Lower Upper

62 100

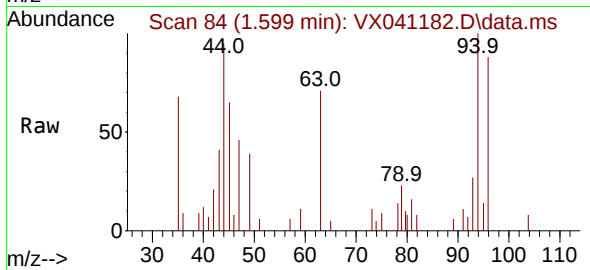
64 30.5 25.4 38.0





#5
Bromomethane
Concen: 1.435 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

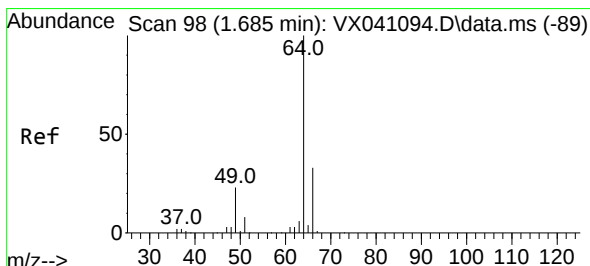
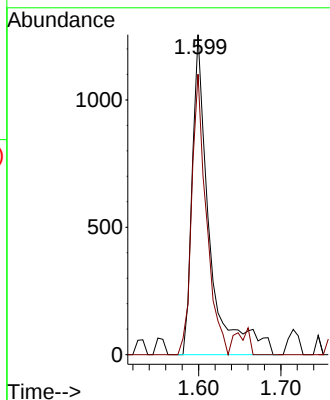
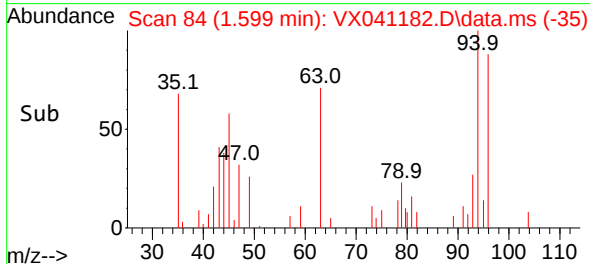
Instrument :
MSVOA_X
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VSTDICC001



Tgt Ion: 94 Resp: 1820
Ion Ratio Lower Upper
94 100
96 87.7 74.6 111.8

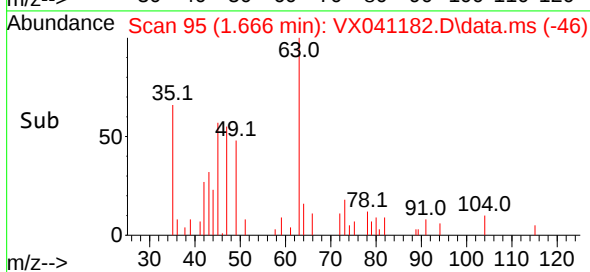
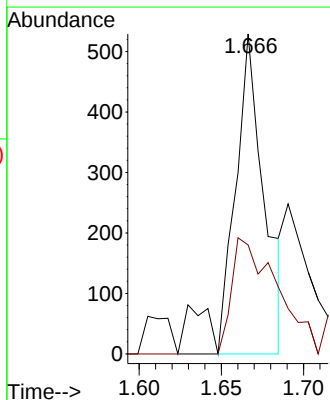
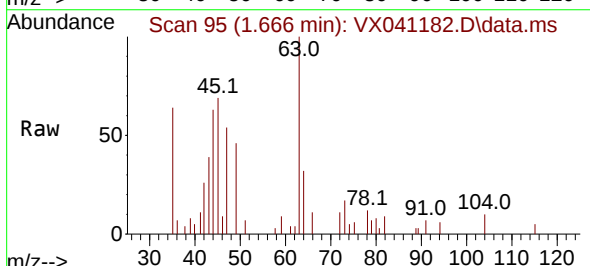
Manual Integrations
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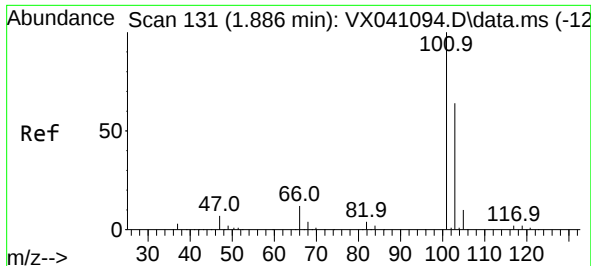
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#6
Chloroethane
Concen: 0.831 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 64 Resp: 713
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7





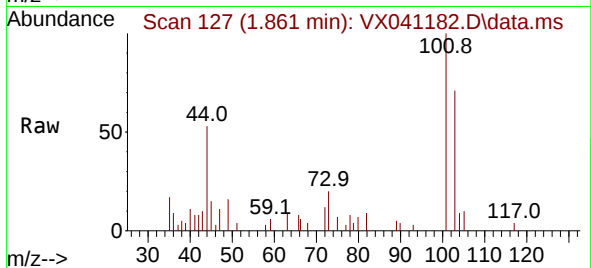
#7
 Trichlorofluoromethane
 Concen: 0.943 ug/l
 RT: 1.861 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041182.D
 Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001



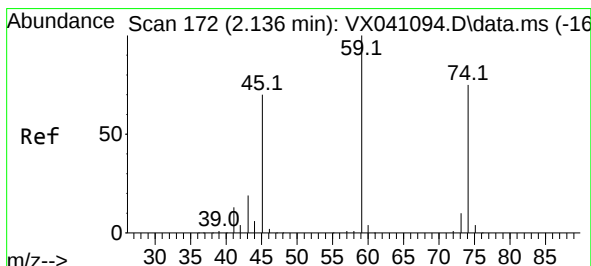
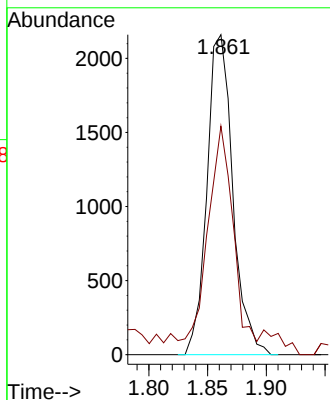
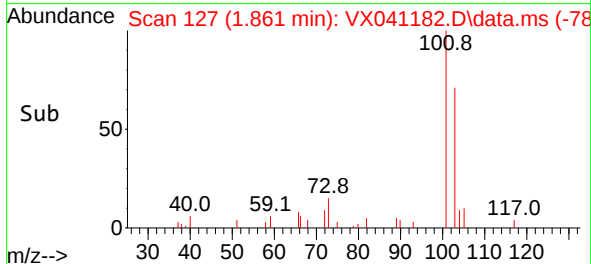
Tgt Ion:101 Resp: 3300
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.2

Manual Integrations

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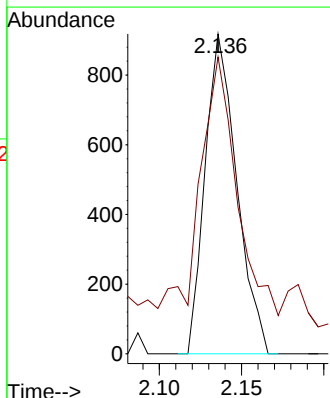
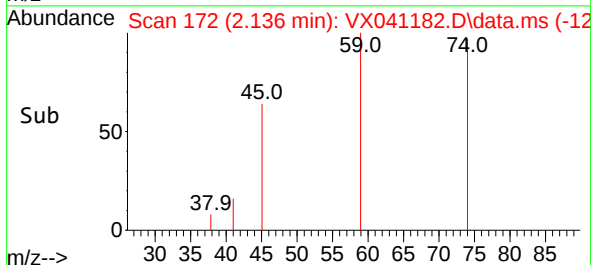
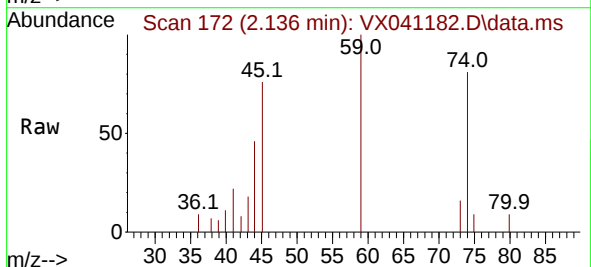
Reviewed By :John Carlone 04/23/2024

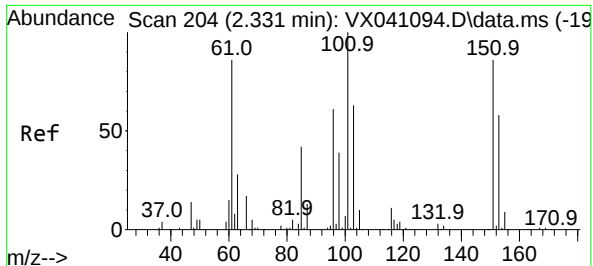
Supervised By :Mahesh Dadoda 04/23/2024



#8
 Diethyl Ether
 Concen: 0.952 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX041182.D
 Acq: 22 Apr 2024 10:58

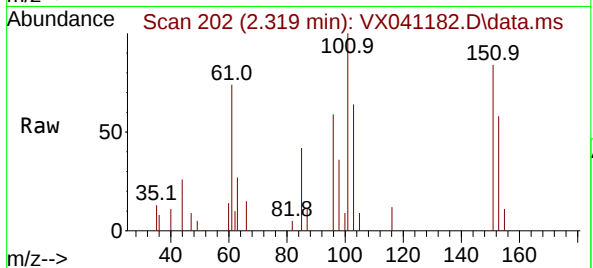
Tgt Ion: 74 Resp: 1227
 Ion Ratio Lower Upper
 74 100
 45 91.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.995 ug/l
RT: 2.319 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

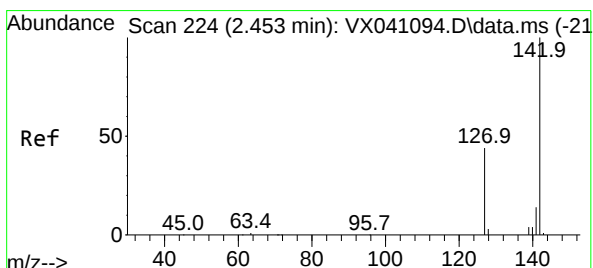
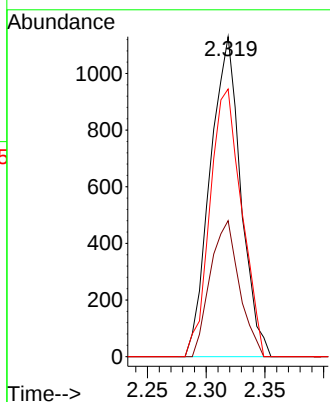
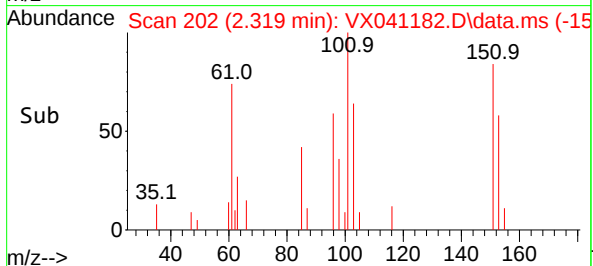
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:101 Resp: 2050
Ion Ratio Lower Upper
101 100
85 40.4 37.0 55.6
151 86.4 58.6 87.8

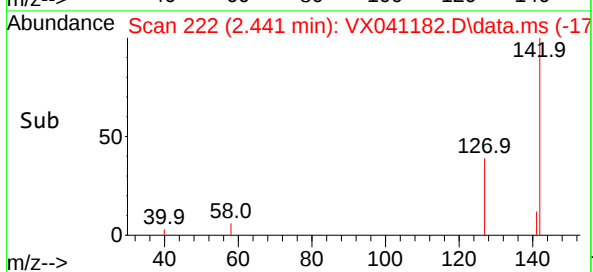
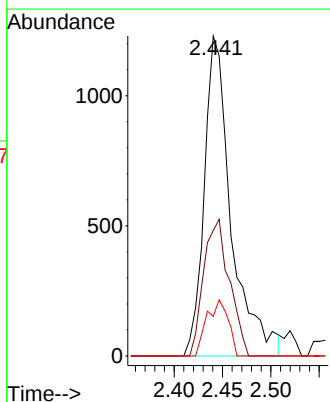
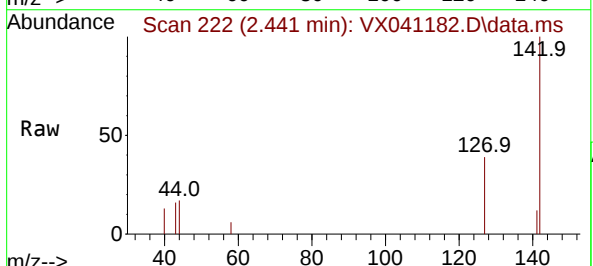
Manual Integrations
APPROVED

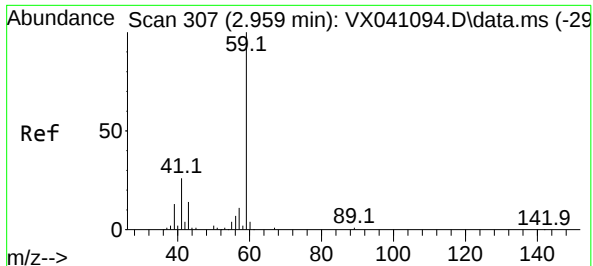
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 0.960 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion:142 Resp: 2384
Ion Ratio Lower Upper
142 100
127 40.6 41.6 62.4#
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 2.376 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 1068

Ion Ratio Lower Upper

59 100

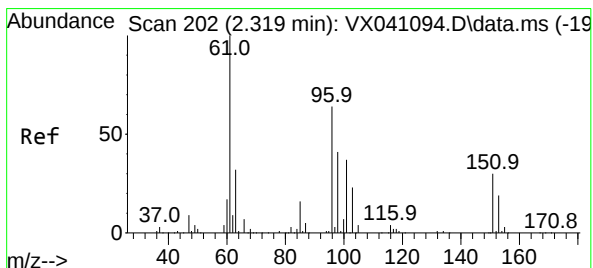
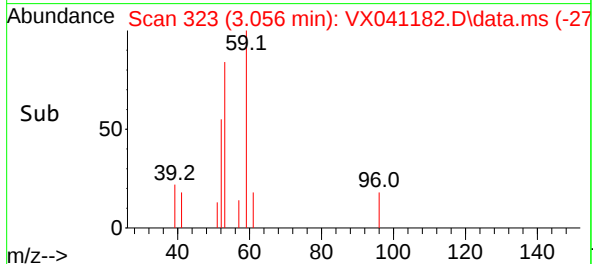
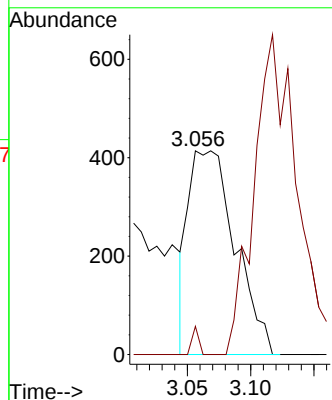
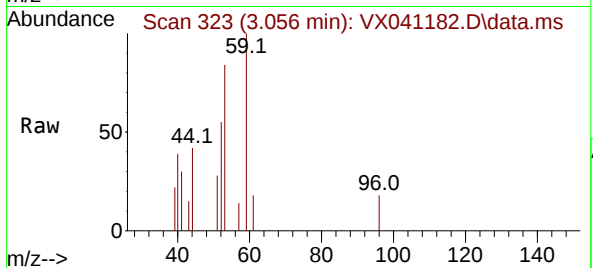
57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#12

1,1-Dichloroethene

Concen: 1.036 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

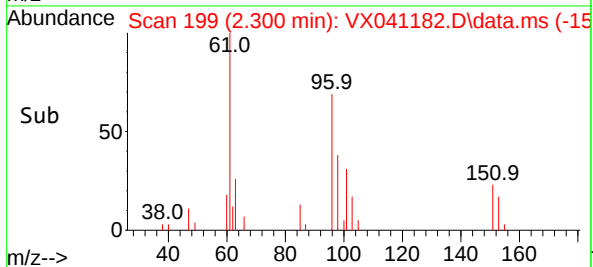
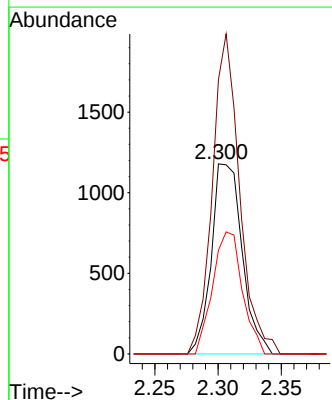
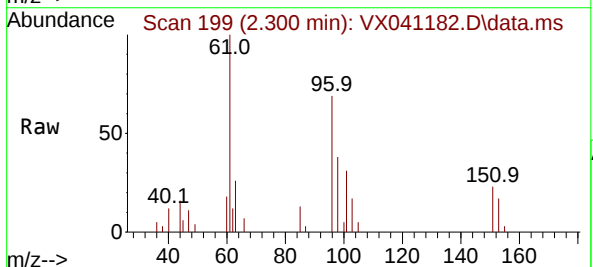
Tgt Ion: 96 Resp: 1992

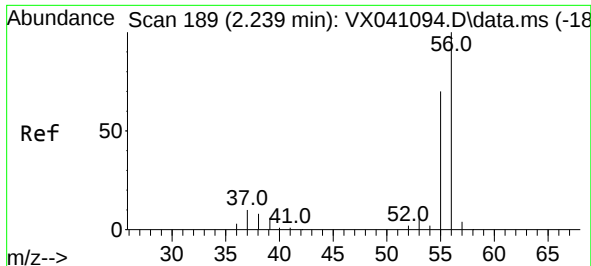
Ion Ratio Lower Upper

96 100

61 144.3 144.6 216.8#

98 54.5 50.4 75.6





#13

Acrolein

Concen: 4.638 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

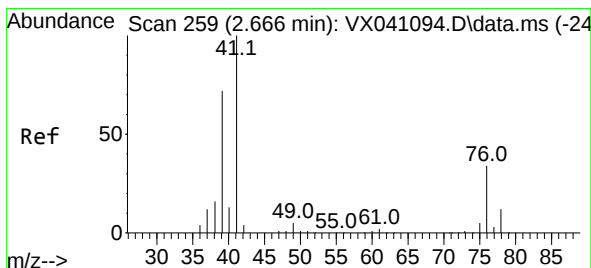
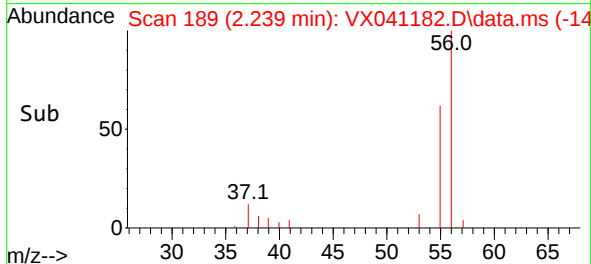
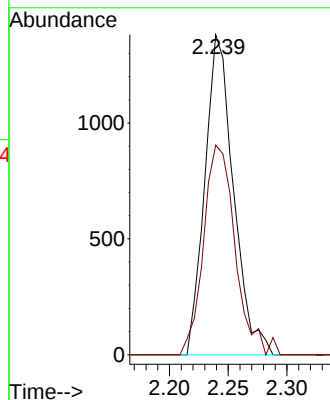
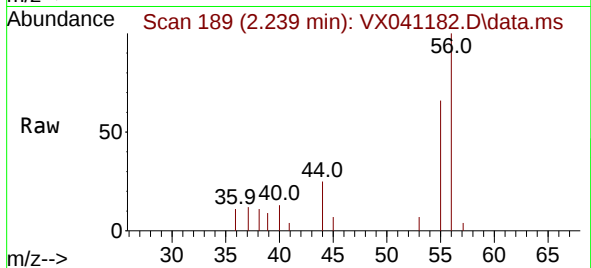
55 72.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#14

Allyl chloride

Concen: 0.956 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

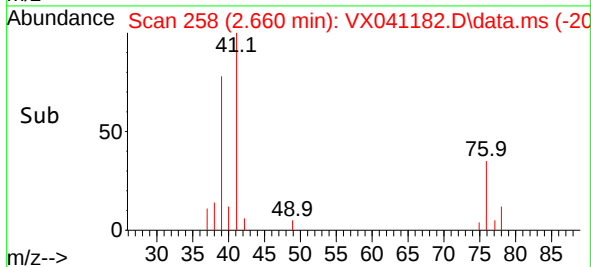
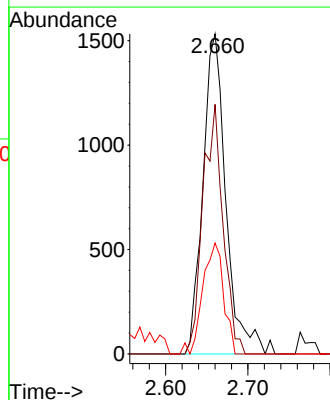
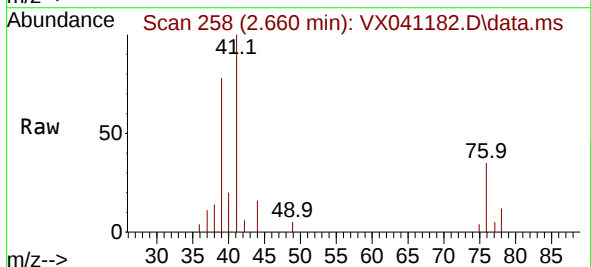
Tgt Ion: 41 Resp: 2987

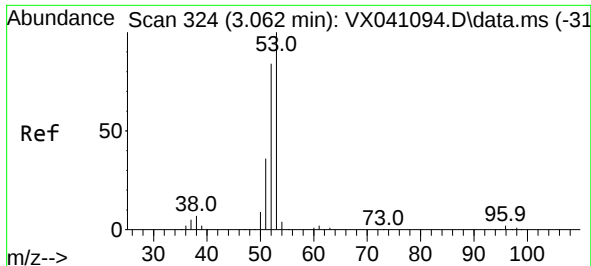
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.6

76 31.3 24.3 36.5





#15

Acrylonitrile

Concen: 4.368 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

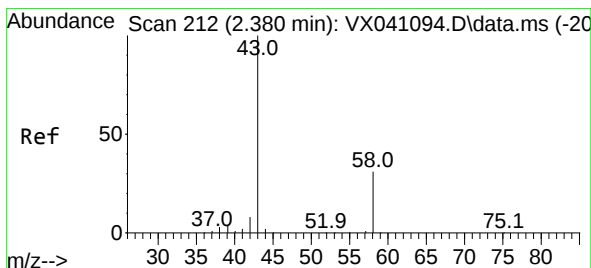
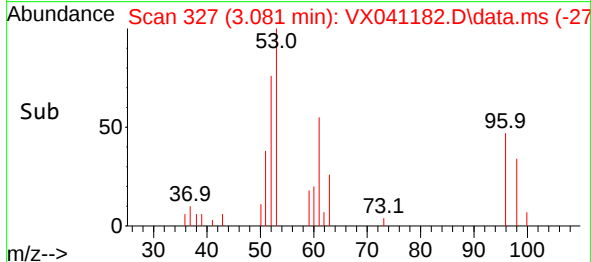
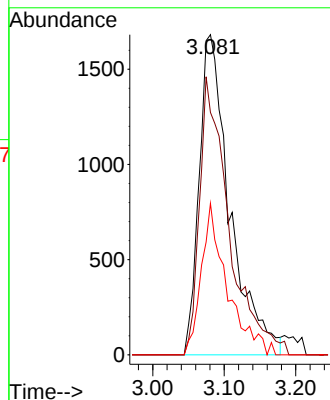
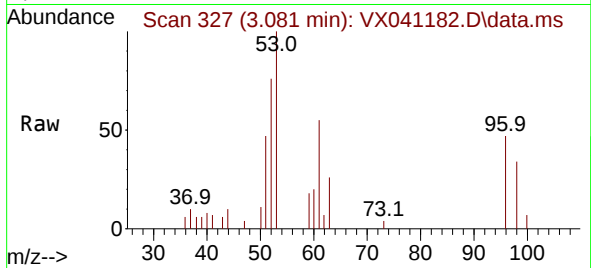
Tgt Ion: 53	Resp: 502
Ion Ratio	Lower Upper
53 100	
52 82.8	66.0 99.0
51 40.0	29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#16

Acetone

Concen: 5.042 ug/l

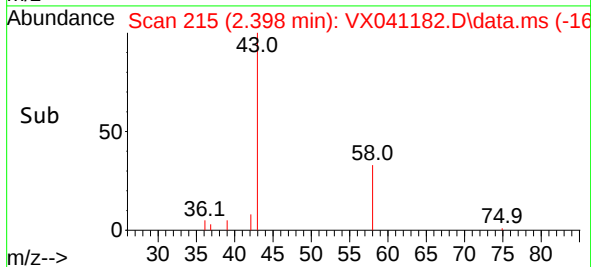
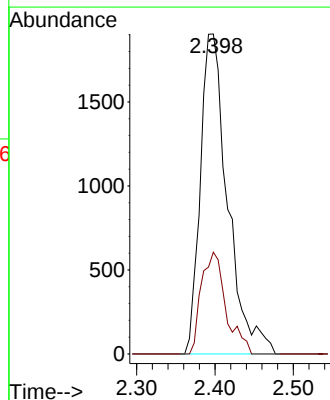
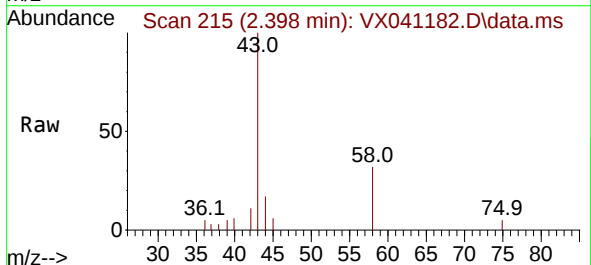
RT: 2.398 min Scan# 215

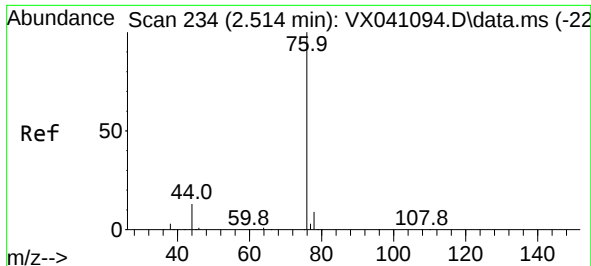
Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion: 43	Resp: 4610
Ion Ratio	Lower Upper
43 100	
58 31.8	21.9 32.9





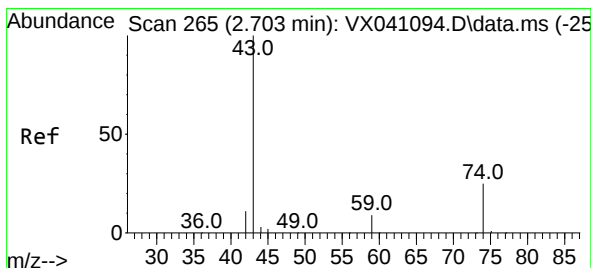
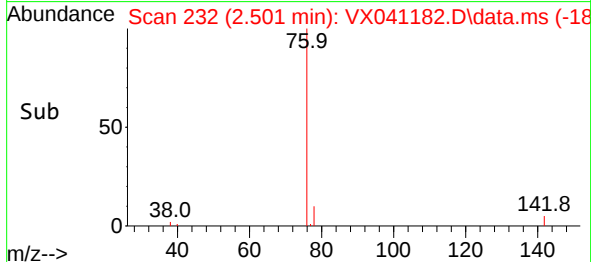
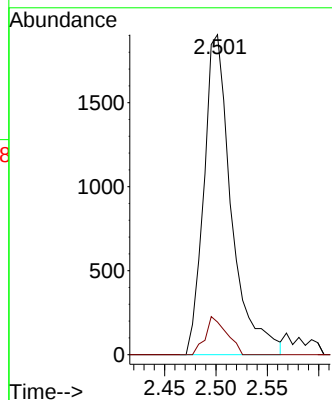
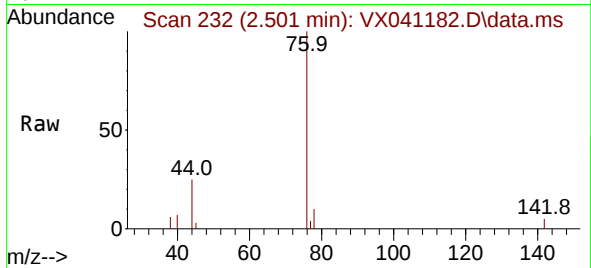
#17
Carbon Disulfide
Concen: 0.883 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 354
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6

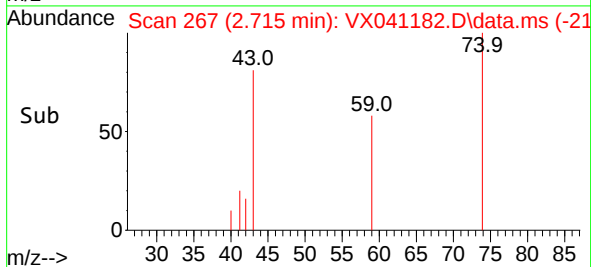
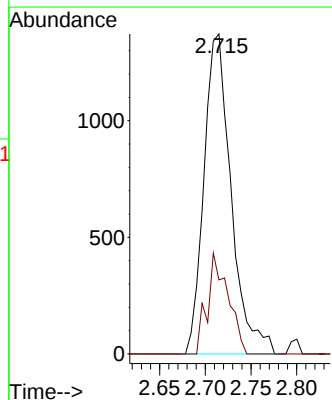
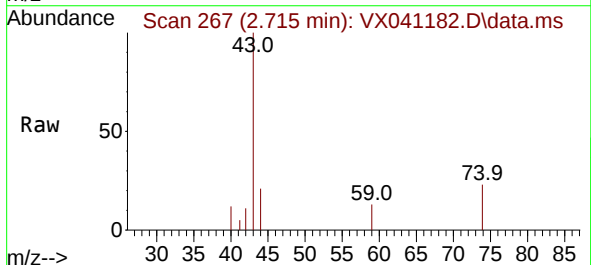
Manual Integrations
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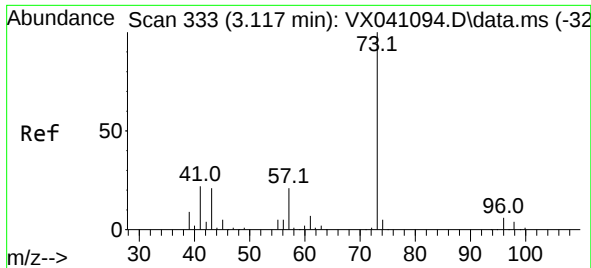
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





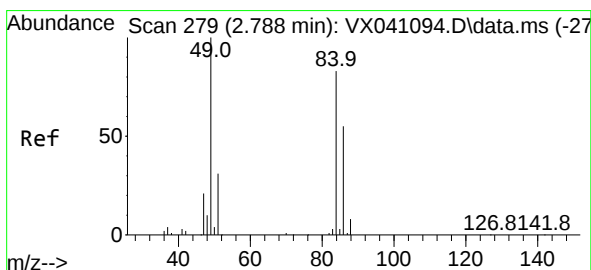
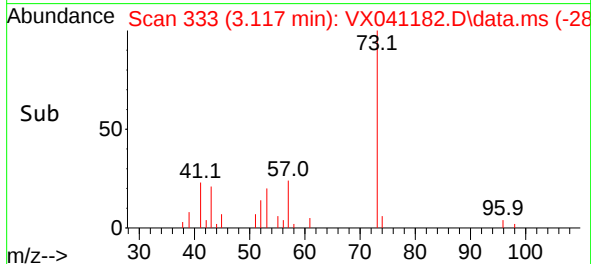
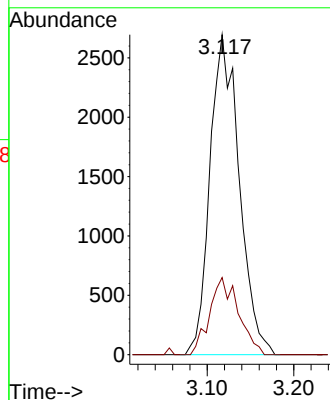
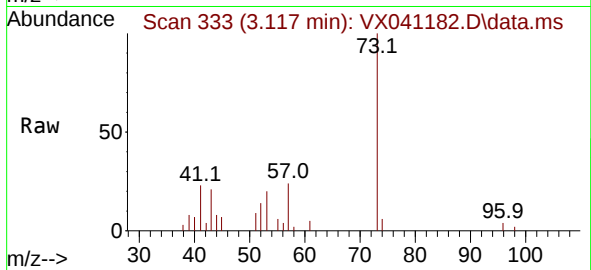
#19
Methyl tert-butyl Ether
Concen: 0.919 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 6320
Ion Ratio Lower Upper
73 100
57 24.1 17.3 25.9

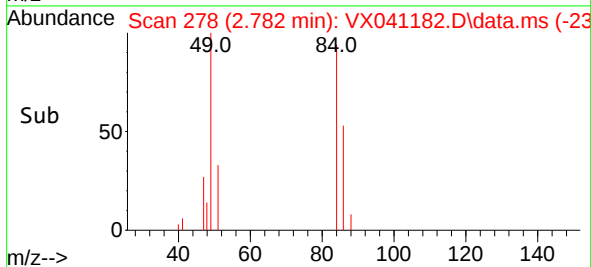
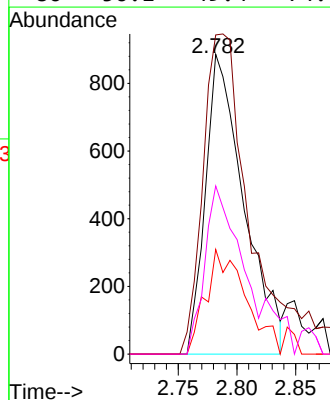
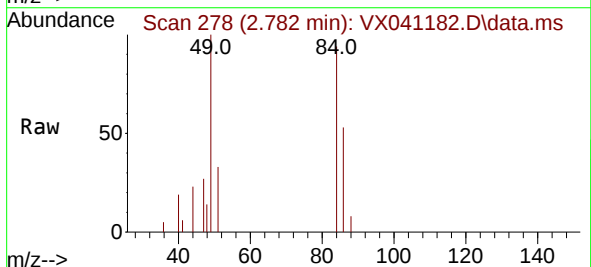
Manual Integrations
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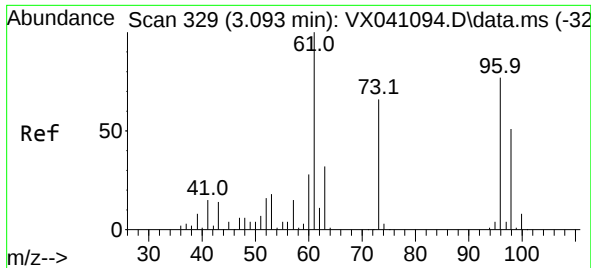
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 0.910 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

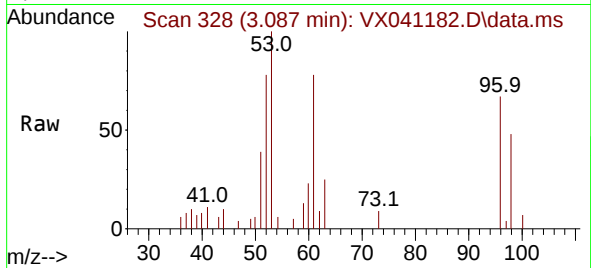
Tgt Ion: 84 Resp: 2031
Ion Ratio Lower Upper
84 100
49 106.4 103.6 155.4
51 34.9 33.8 50.6
86 56.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.839 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

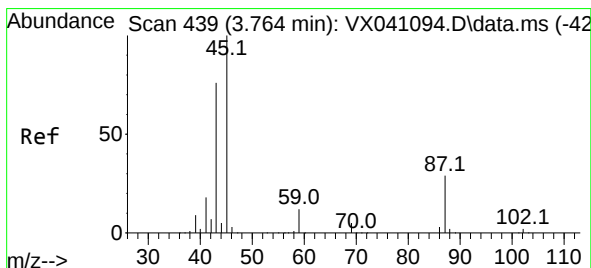
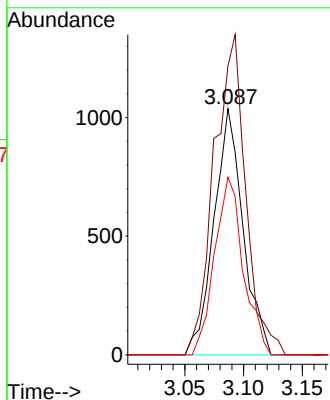
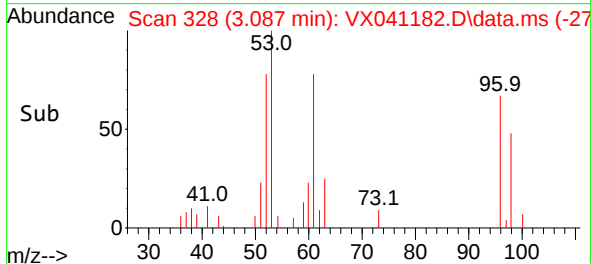
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



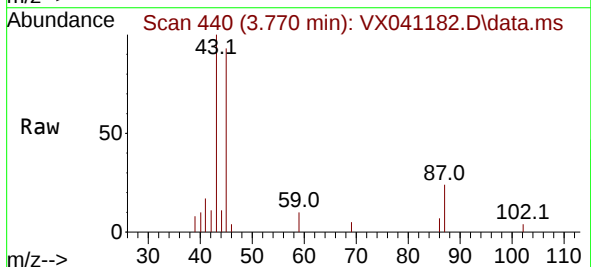
Tgt Ion: 96 Resp: 178
Ion Ratio Lower Upper
96 100
61 117.4 119.2 178.8
98 72.1 48.7 73.1

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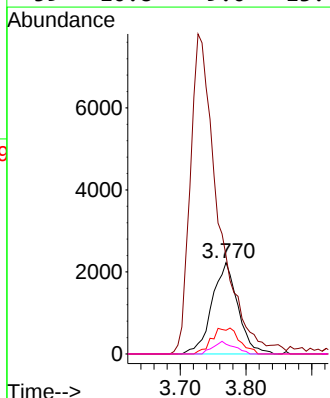
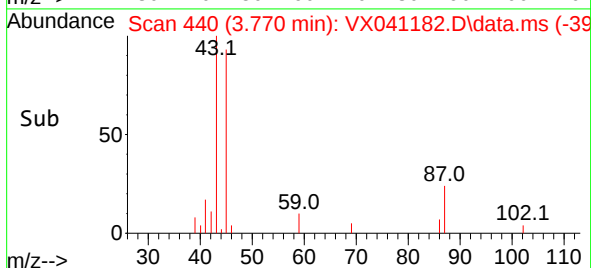
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

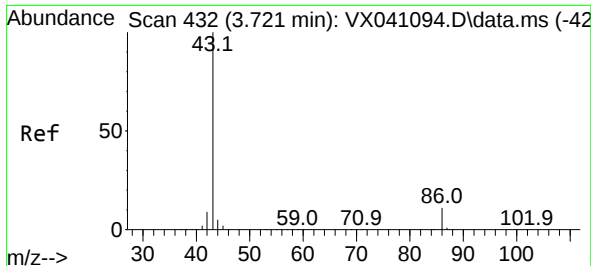


#22
Diisopropyl ether
Concen: 0.904 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 45 Resp: 6107
Ion Ratio Lower Upper
45 100
43 97.7 69.7 104.5
87 26.0 20.8 31.2
59 10.8 9.0 13.4





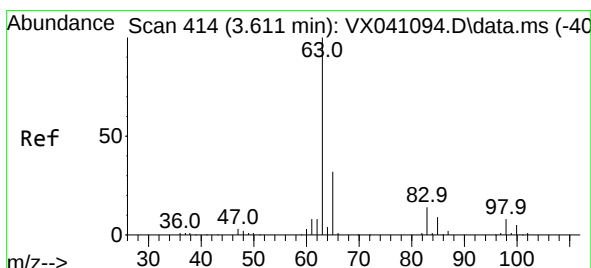
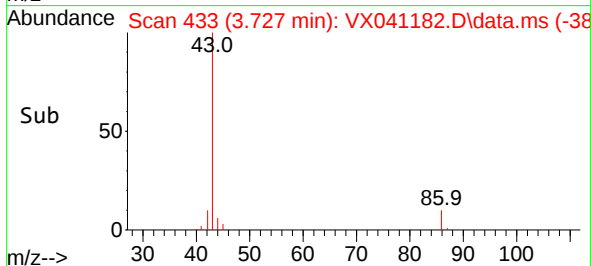
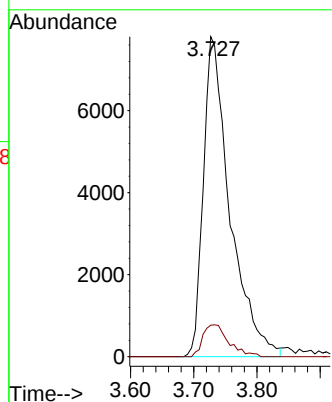
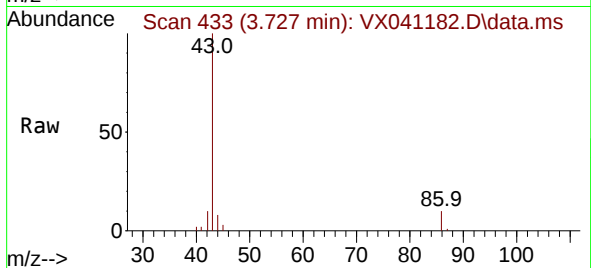
#23
 Vinyl Acetate
 Concen: 3.948 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX041182.D
 Acq: 22 Apr 2024 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 22809
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

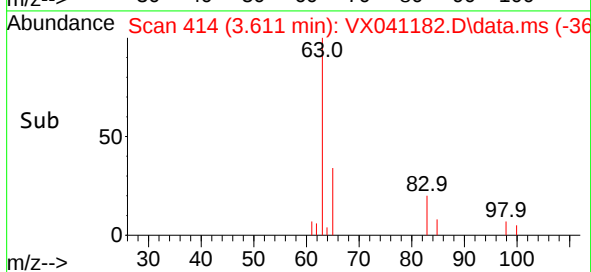
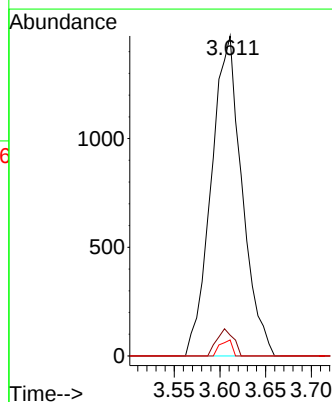
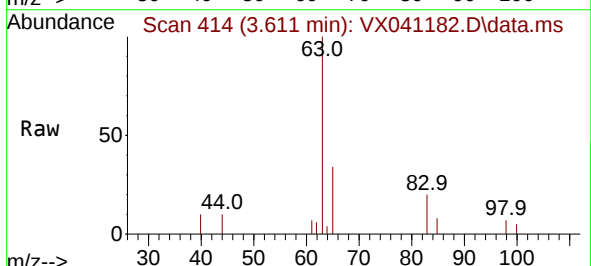
Manual Integrations
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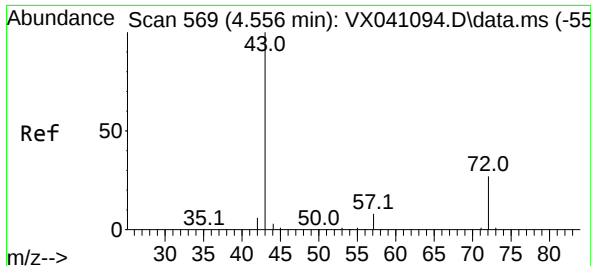
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#24
 1,1-Dichloroethane
 Concen: 0.912 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX041182.D
 Acq: 22 Apr 2024 10:58

Tgt Ion: 63 Resp: 3445
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 5.0 2.1 6.5





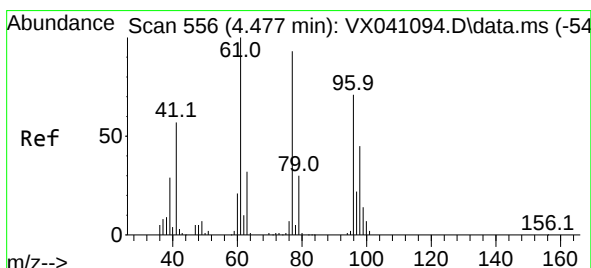
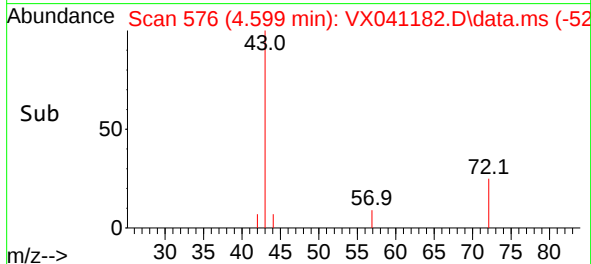
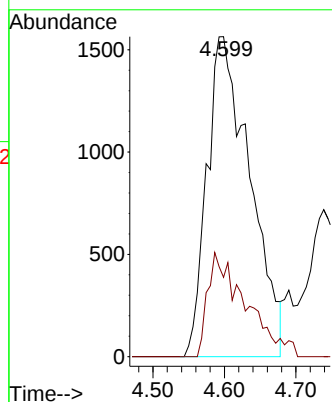
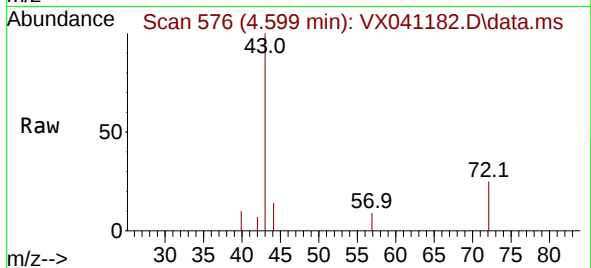
#25
2-Butanone
Concen: 4.180 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

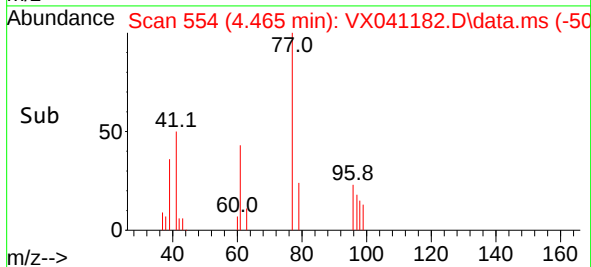
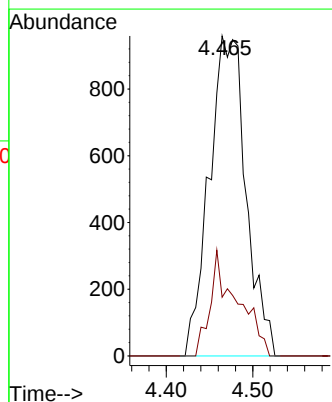
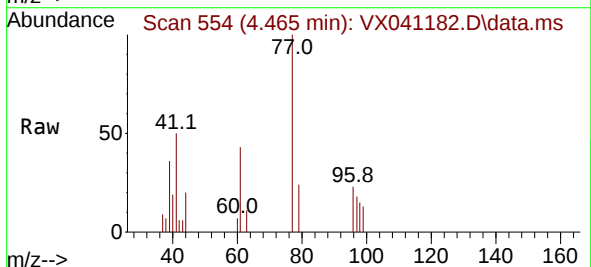
Manual Integrations
APPROVED

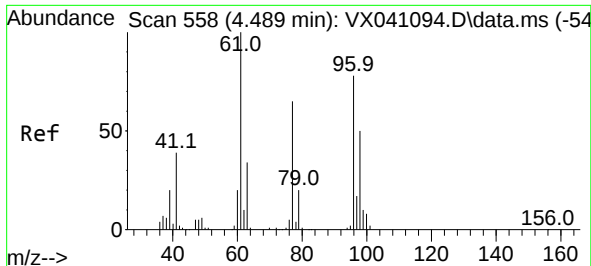
Reviewed By :John Carbone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#26
2,2-Dichloropropane
Concen: 0.887 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 77 Resp: 2830
Ion Ratio Lower Upper
77 100
97 24.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.846 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 2229

Ion Ratio Lower Upper

96 100

61 146.7 0.0 312.2

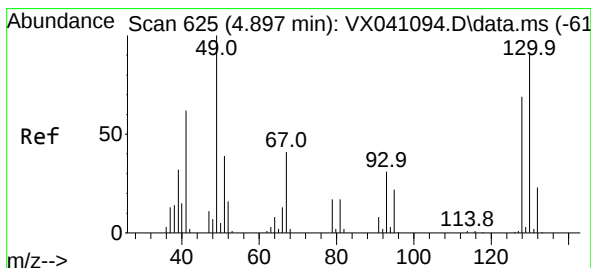
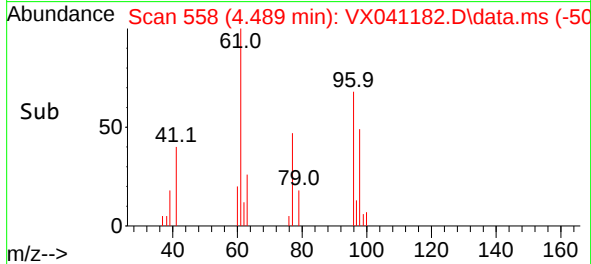
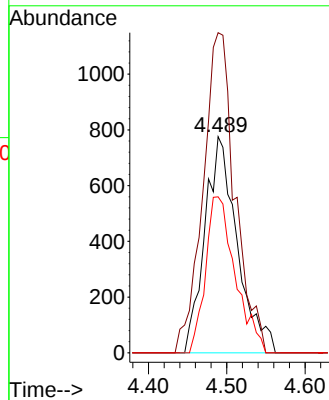
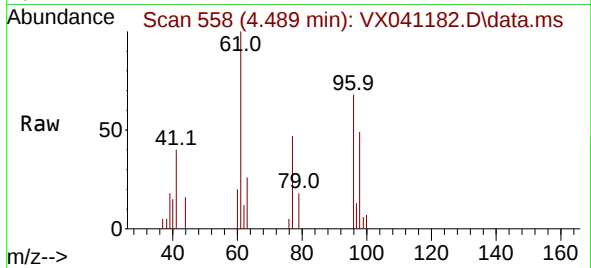
98 65.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 1.067 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

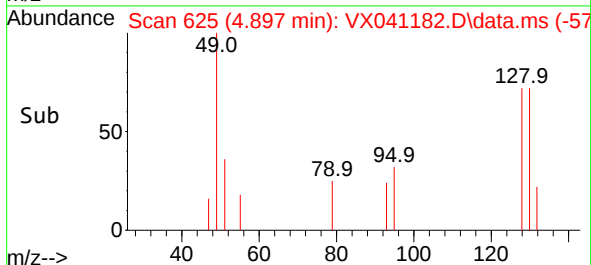
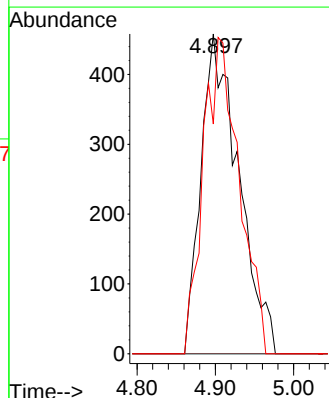
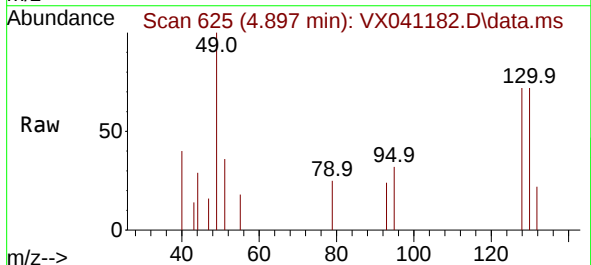
Tgt Ion: 49 Resp: 1528

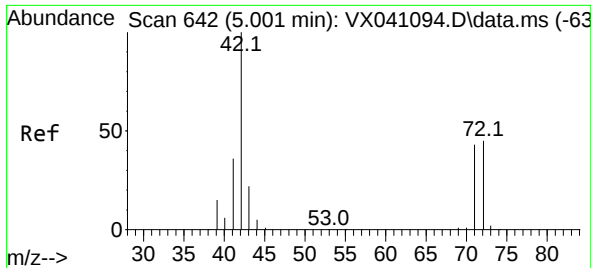
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 94.6 57.5 86.3#





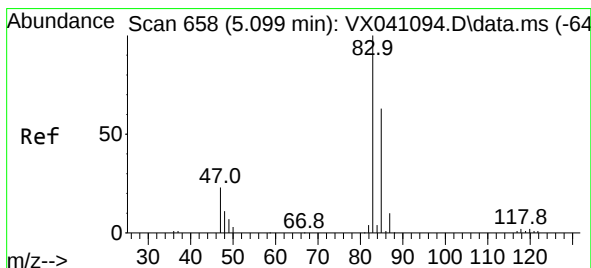
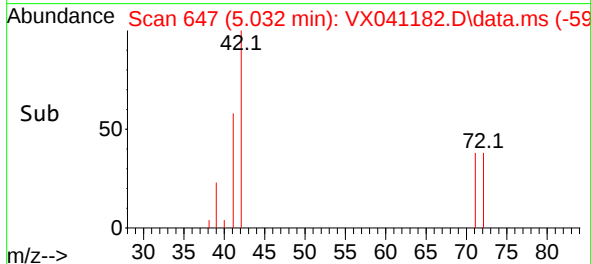
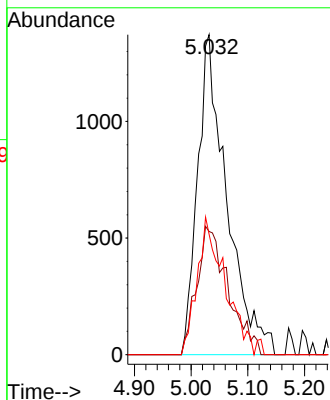
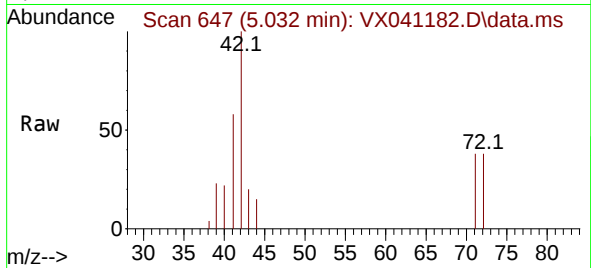
#29
Tetrahydrofuran
Concen: 4.624 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC001

Tgt Ion: 42 Resp: 4919
Ion Ratio Lower Upper
42 100
72 43.1 34.2 51.4
71 40.6 32.2 48.2

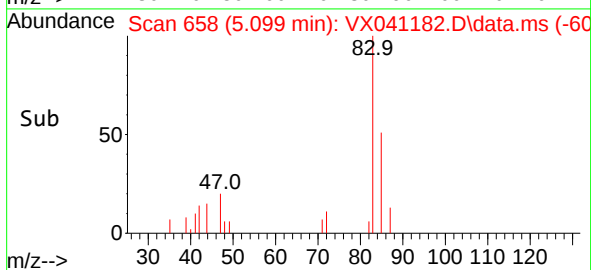
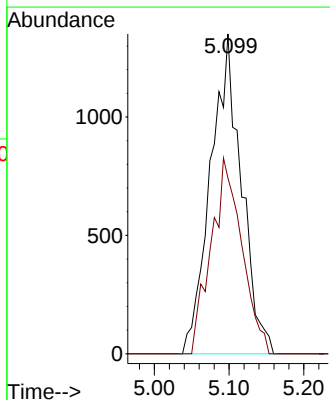
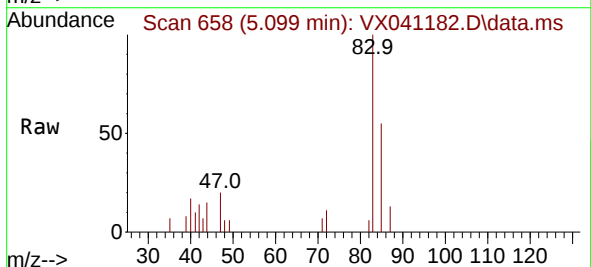
Manual Integrations
APPROVED

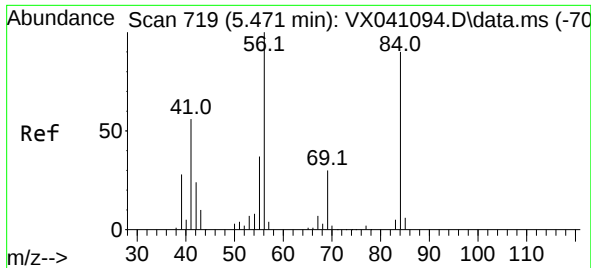
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#30
Chloroform
Concen: 0.954 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

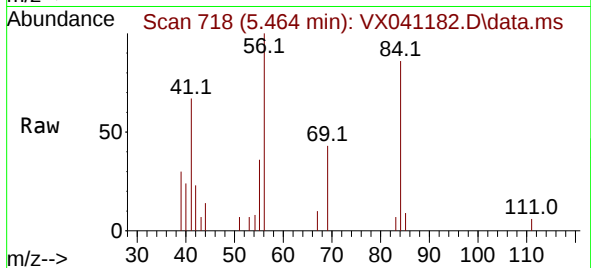
Tgt Ion: 83 Resp: 3865
Ion Ratio Lower Upper
83 100
85 54.9 50.3 75.5





#31
Cyclohexane
Concen: 0.928 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

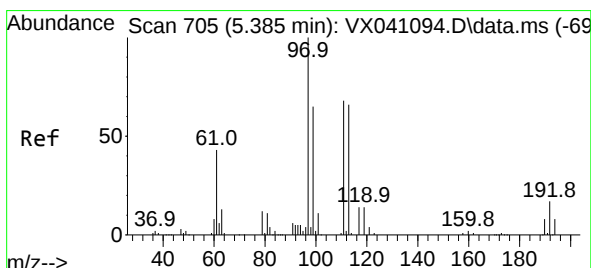
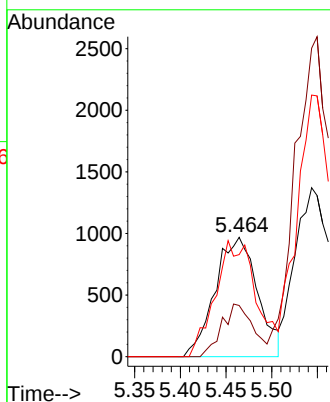
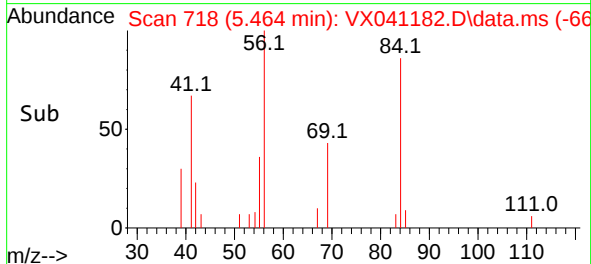
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



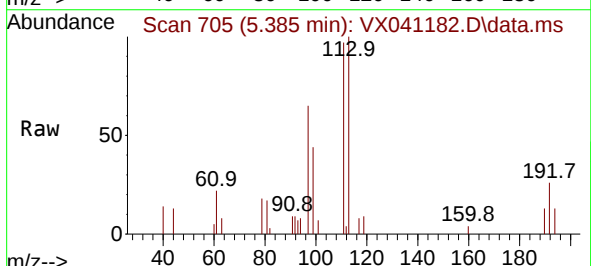
Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 42.9 23.4 35.2
84 85.6 65.9 98.9

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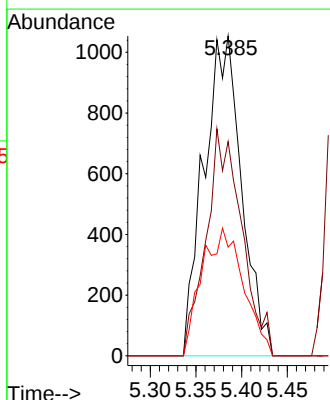
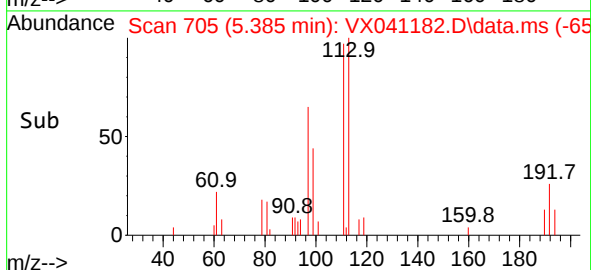
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

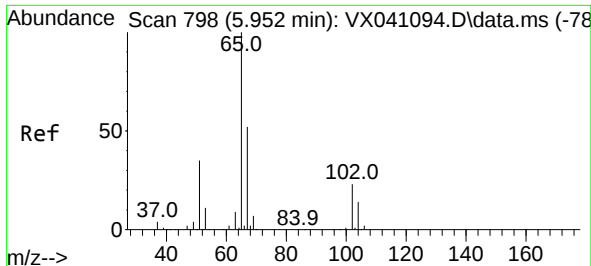


#32
1,1,1-Trichloroethane
Concen: 0.834 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 97 Resp: 3031
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 43.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 2.533 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 65 Resp: 636

Ion Ratio Lower Upper

65 100

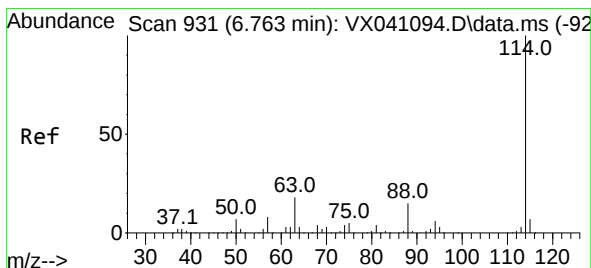
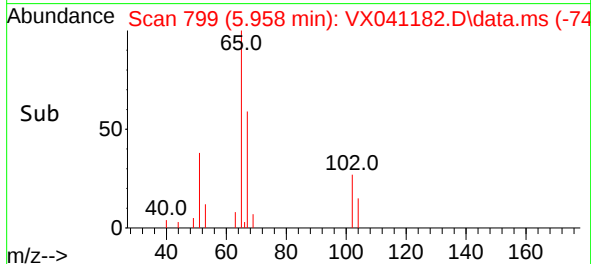
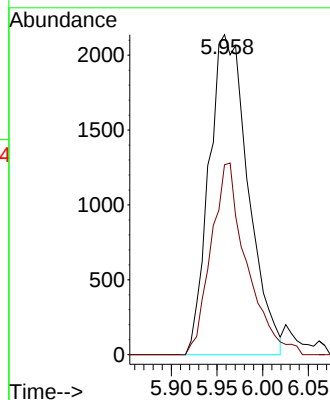
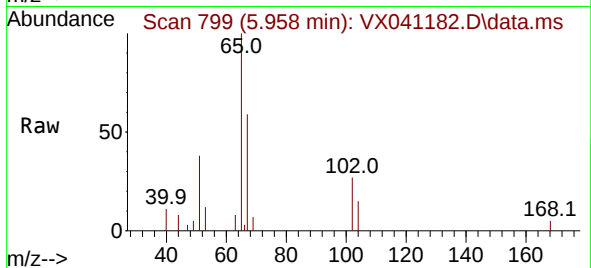
67 54.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

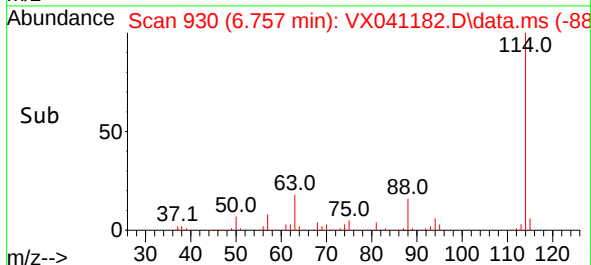
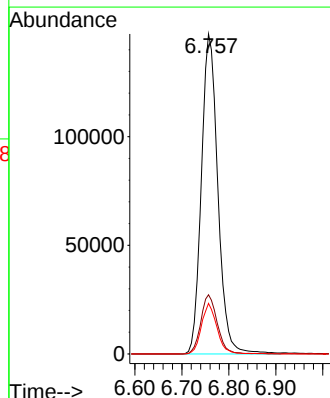
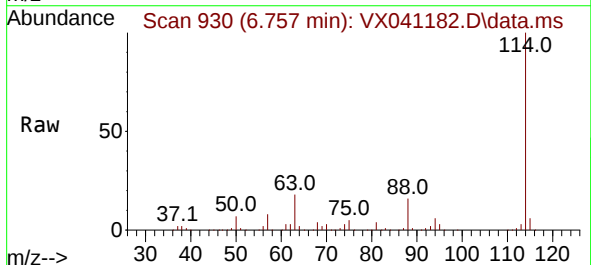
Tgt Ion:114 Resp: 358950

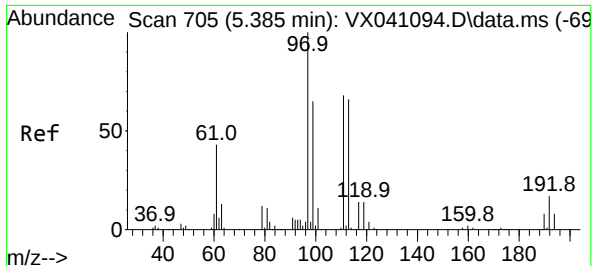
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 2.475 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 113 Resp: 540

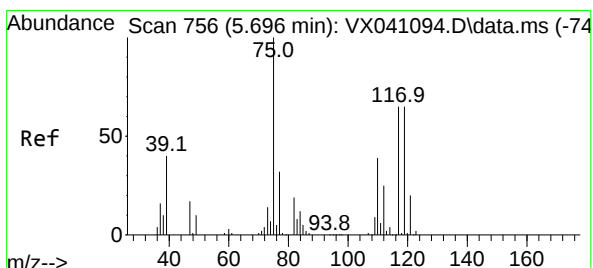
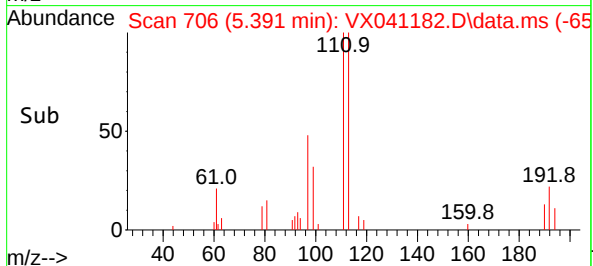
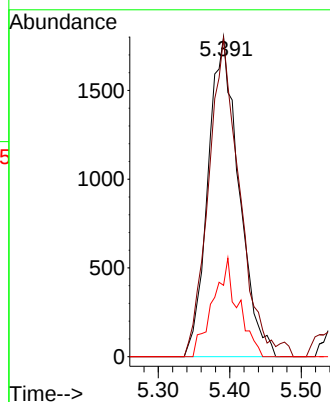
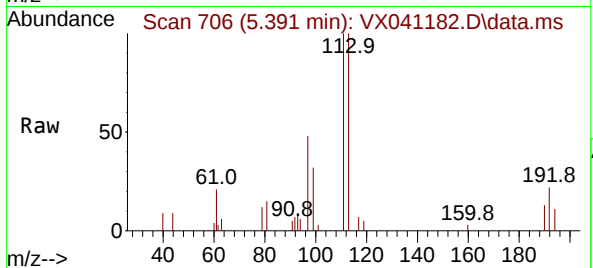
Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.9	124.3
192	25.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#36

1,1-Dichloropropene

Concen: 0.933 ug/l

RT: 5.690 min Scan# 755

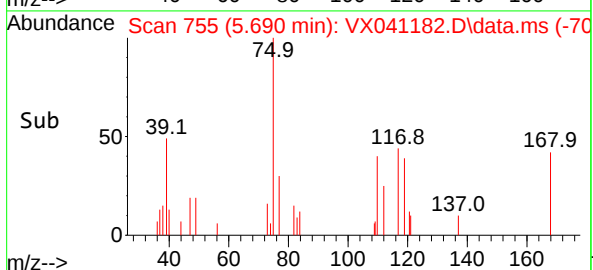
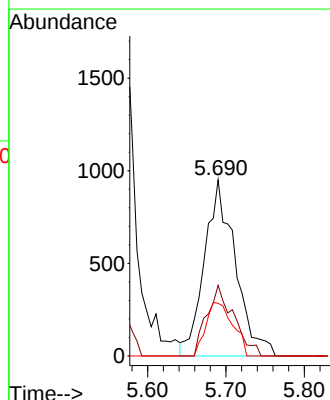
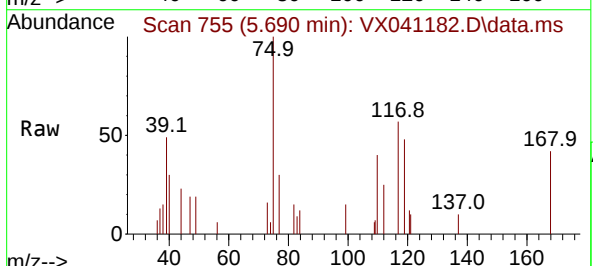
Delta R.T. -0.000 min

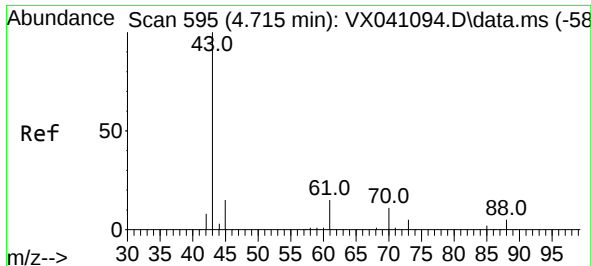
Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion: 75 Resp: 2607

Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.0	50.9
77	26.4	24.7	37.1





#37

Ethyl Acetate

Concen: 0.527 ug/l

RT: 4.739 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

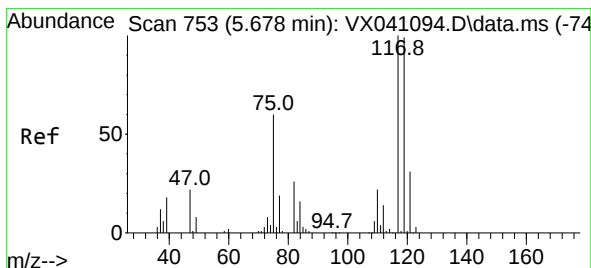
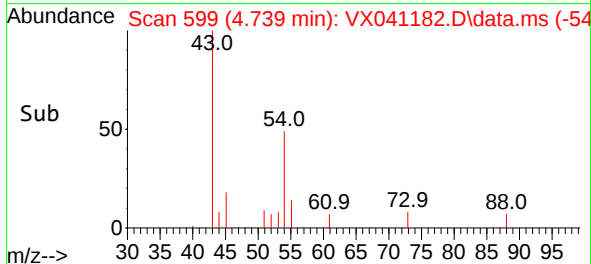
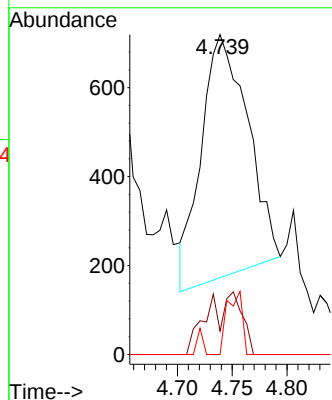
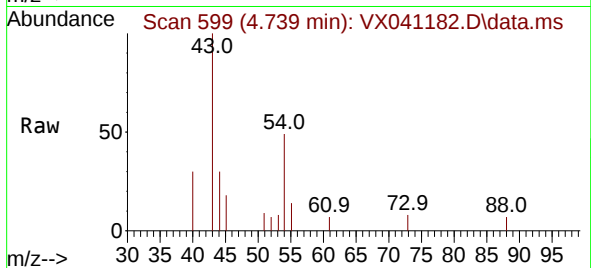
Tgt Ion: 43	Resp: 161
Ion Ratio	Lower Upper
43	100
61	9.0 10.6 16.0
70	1.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#38

Carbon Tetrachloride

Concen: 0.848 ug/l

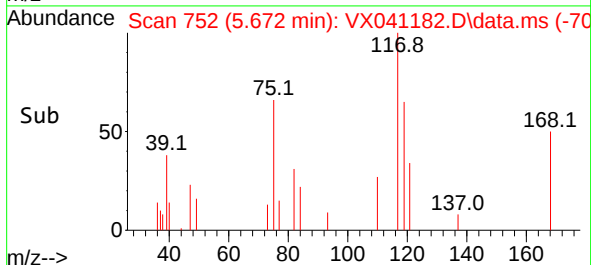
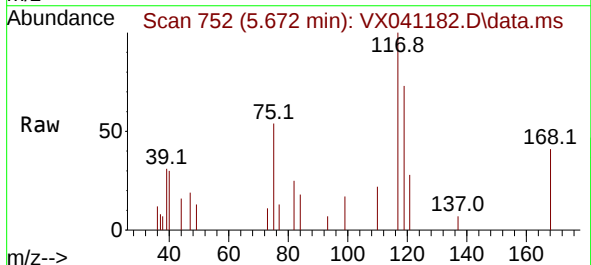
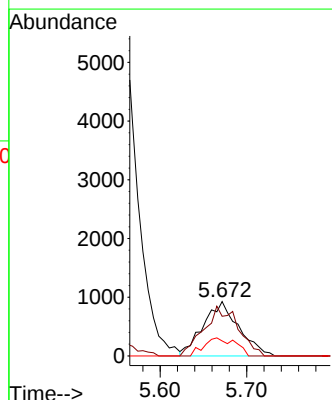
RT: 5.672 min Scan# 752

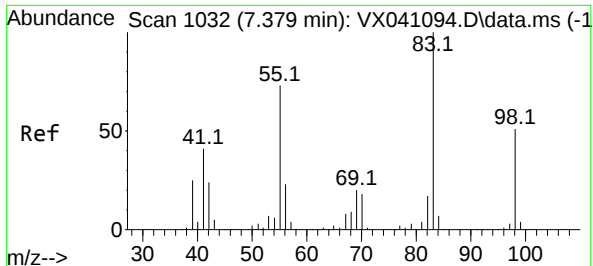
Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion: 117	Resp: 2645
Ion Ratio	Lower Upper
117	100
119	72.9 78.2 117.2
121	27.7 24.4 36.6





#39

Methylcyclohexane

Concen: 0.868 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

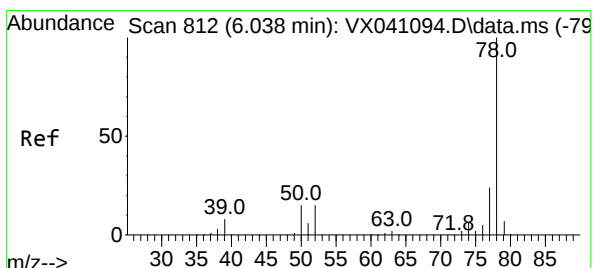
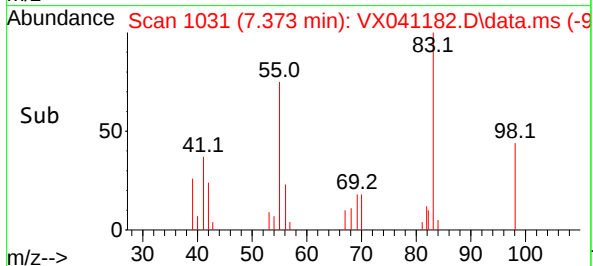
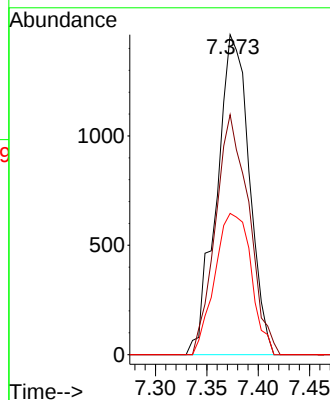
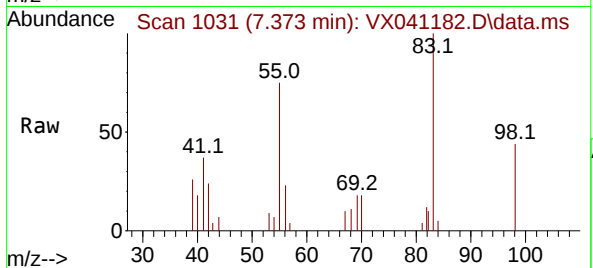
Tgt Ion: 83	Resp: 3218
Ion Ratio	Lower Upper
83	100
55	75.0 64.6 97.0
98	44.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#40

Benzene

Concen: 0.965 ug/l

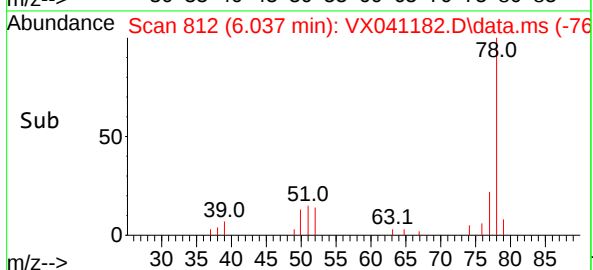
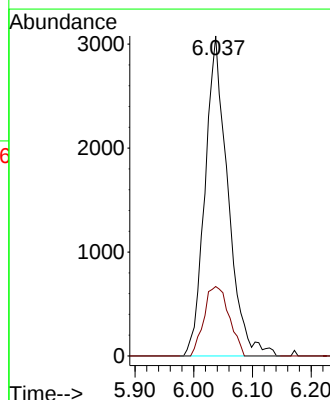
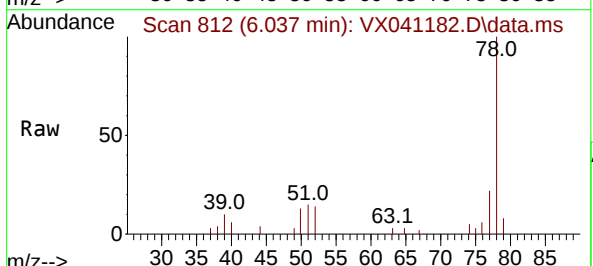
RT: 6.037 min Scan# 812

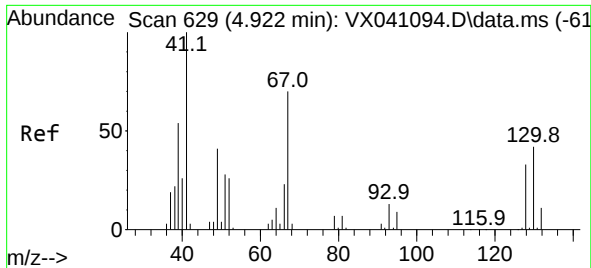
Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

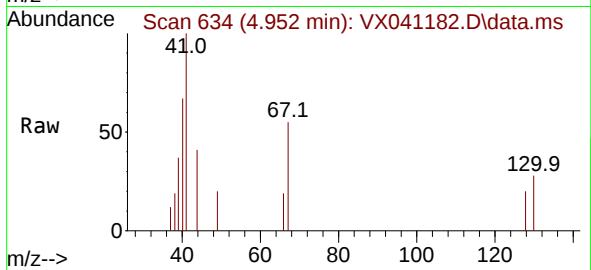
Tgt Ion: 78	Resp: 8326
Ion Ratio	Lower Upper
78	100
77	21.7 19.3 28.9





#41
Methacrylonitrile
Concen: 0.818 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

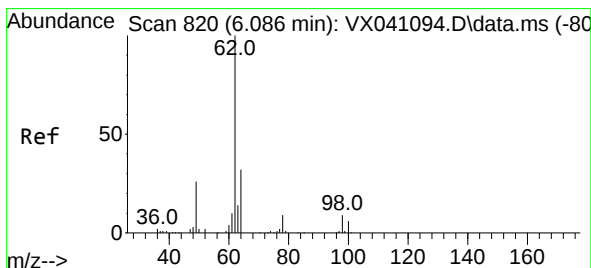
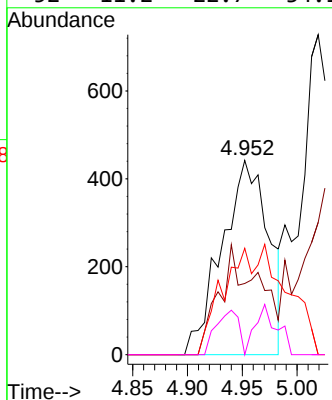
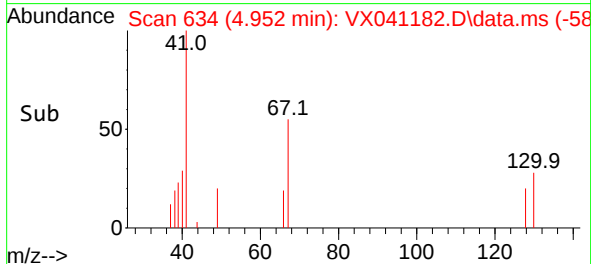
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:	41	Ratio	100	Lower	Upper
39	28.0	45.2	67.8		
67	35.5	52.6	78.8		
52	11.2	22.7	34.1		

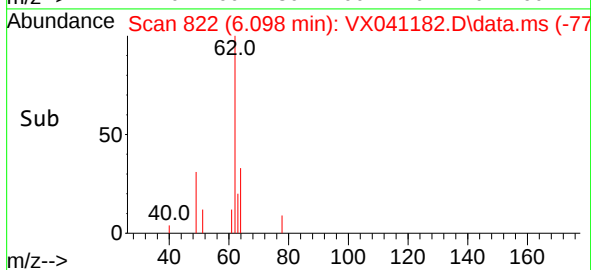
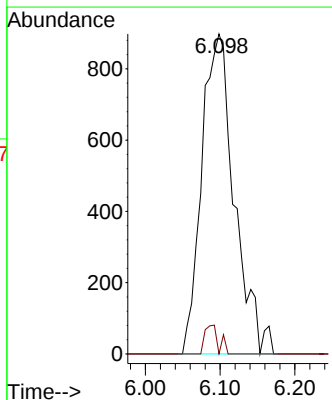
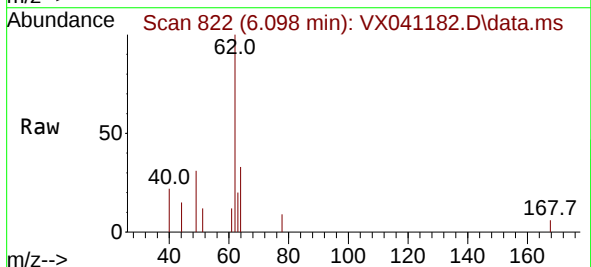
Manual Integrations
APPROVED

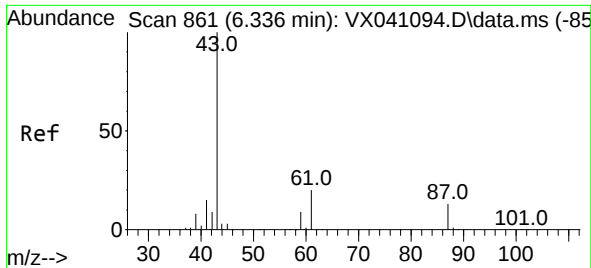
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 0.910 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion:	62	Ratio	100	Lower	Upper
98	3.8	0.0	16.0		





#43

Isopropyl Acetate

Concen: 0.931 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

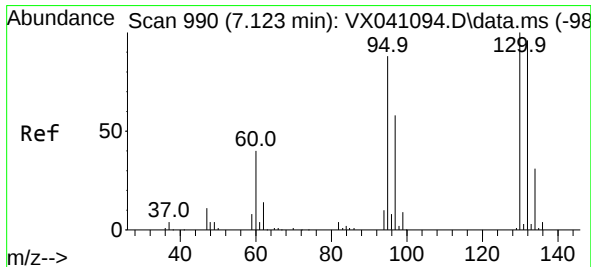
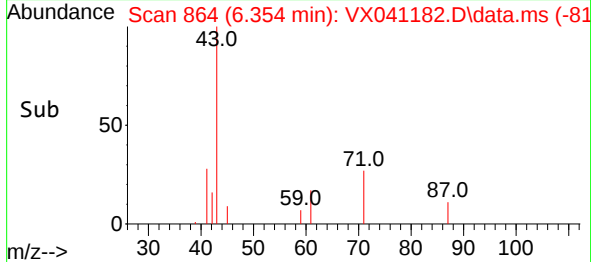
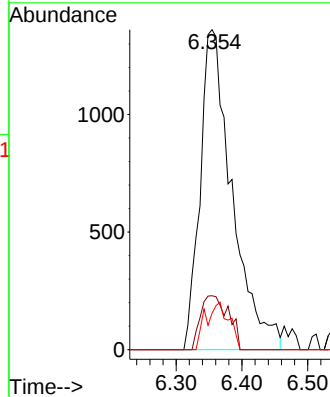
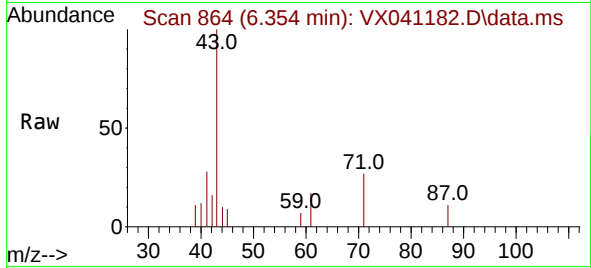
Tgt Ion: 43	Resp: 459
Ion Ratio	Lower Upper
43 100	
61 14.8	15.2 22.8
87 10.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#44

Trichloroethene

Concen: 0.870 ug/l

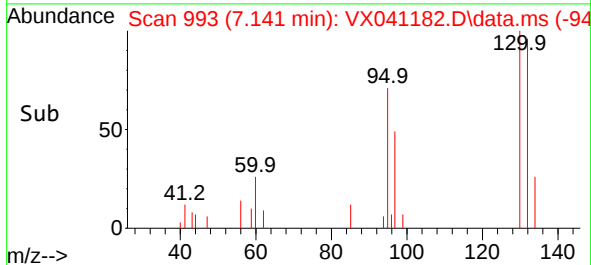
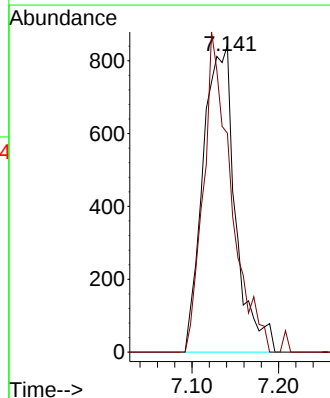
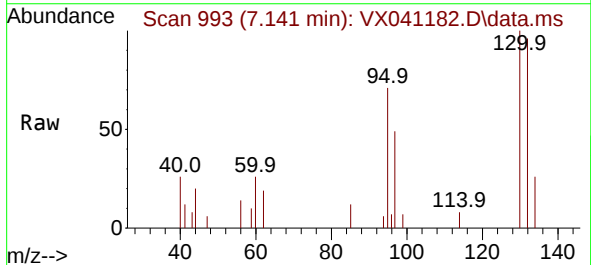
RT: 7.141 min Scan# 993

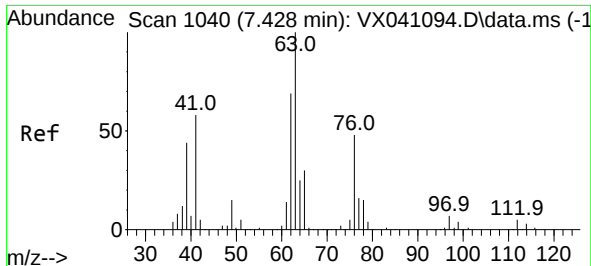
Delta R.T. 0.018 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion:130	Resp: 2182
Ion Ratio	Lower Upper
130 100	
95 71.4	0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.811 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 167

Ion Ratio Lower Upper

63 100

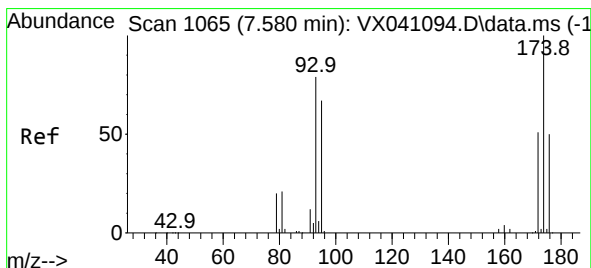
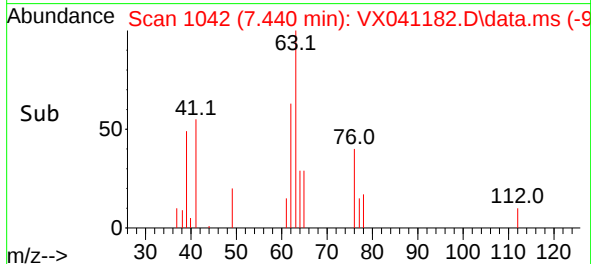
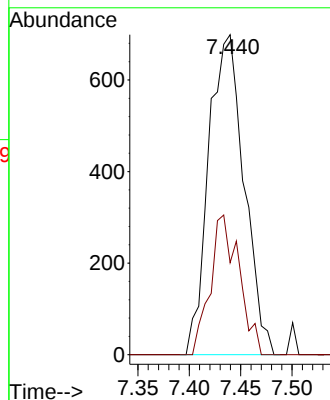
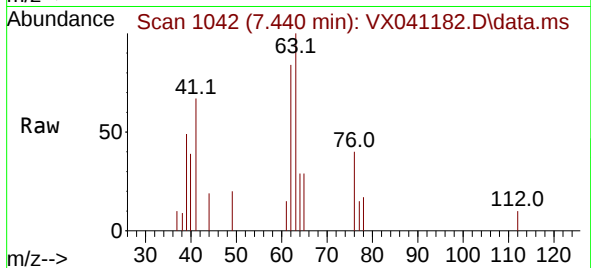
65 28.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 0.878 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. 0.018 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

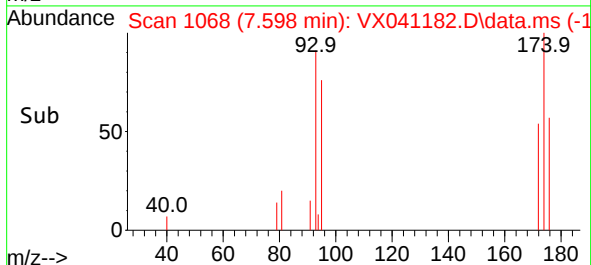
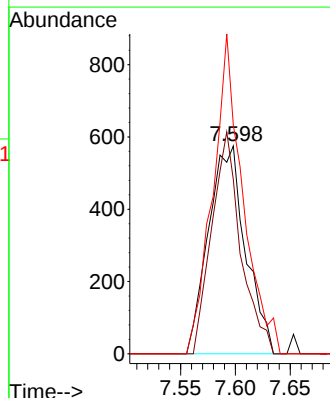
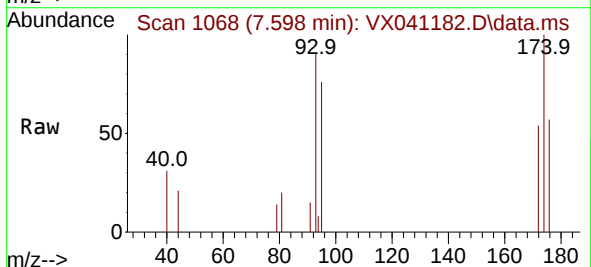
Tgt Ion: 93 Resp: 1355

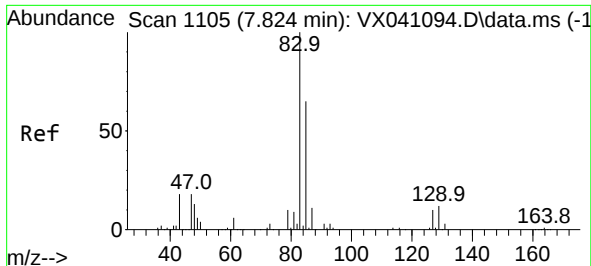
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 124.6 69.4 104.0#





#47
Bromodichloromethane
Concen: 0.831 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

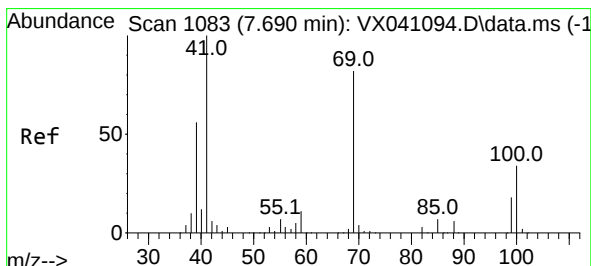
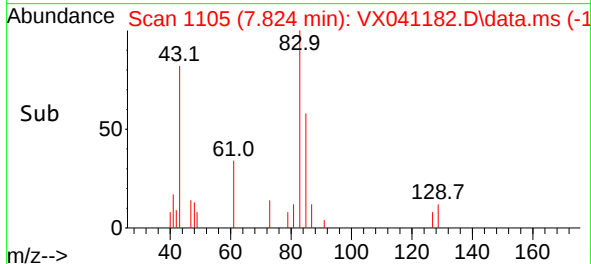
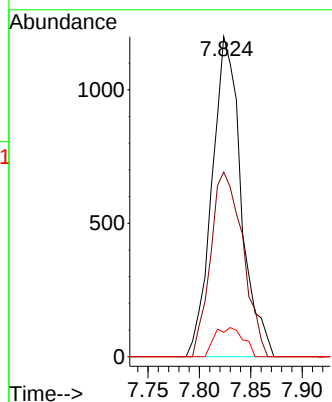
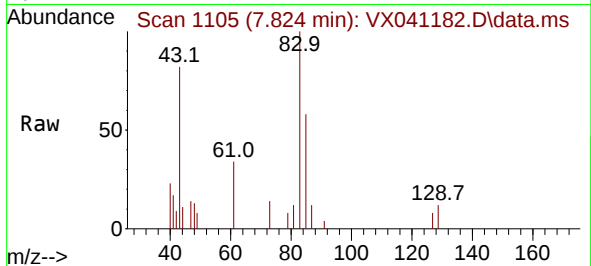
VSTDICC001

Tgt Ion: 83 Resp: 2362
Ion Ratio Lower Upper
83 100
85 57.7 49.8 74.6
127 7.6 7.1 10.7

Manual Integrations

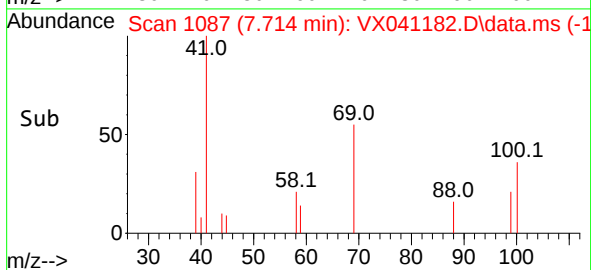
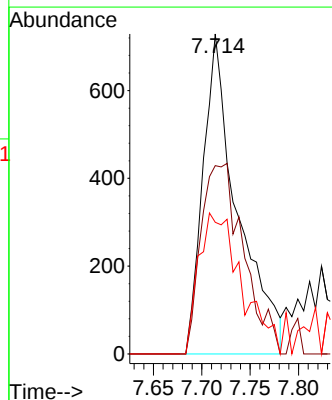
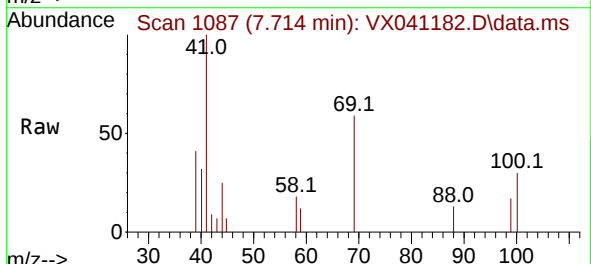
APPROVED

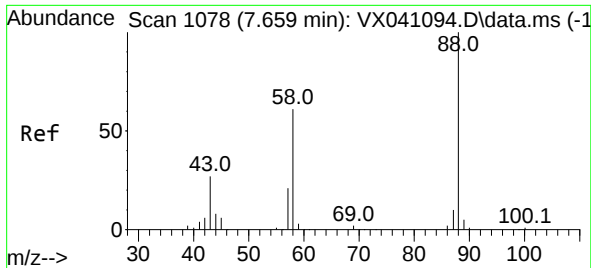
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#48
Methyl methacrylate
Concen: 0.776 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 41 Resp: 1812
Ion Ratio Lower Upper
41 100
69 73.0 59.2 88.8
39 54.4 47.7 71.5





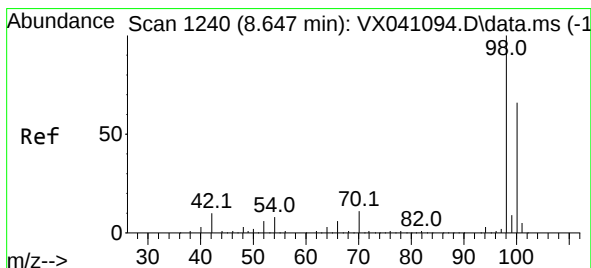
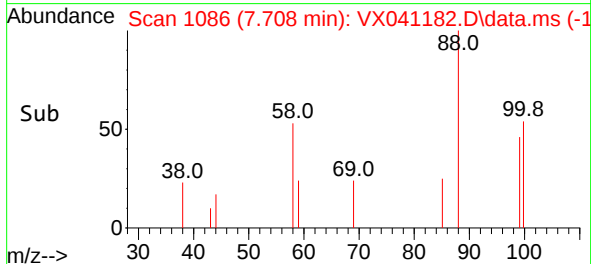
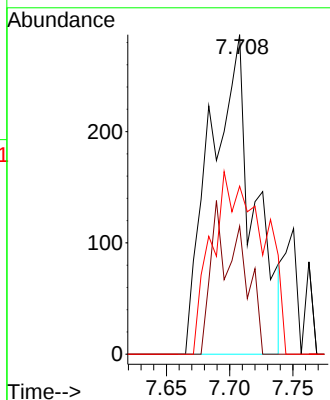
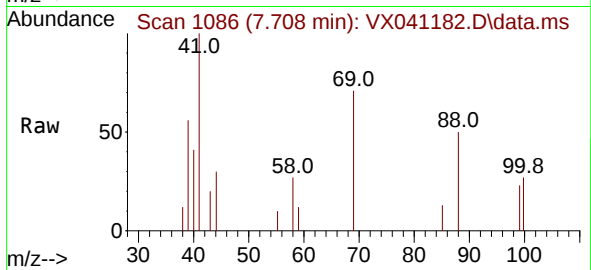
#49
1,4-Dioxane
Concen: 13.667 ug/l
RT: 7.708 min Scan# 1078
Delta R.T. 0.030 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 18.8 0.0 0.0
58 67.5 60.1 90.1

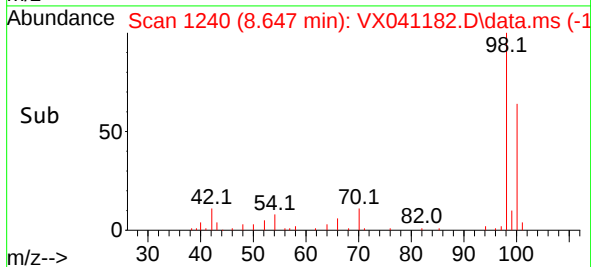
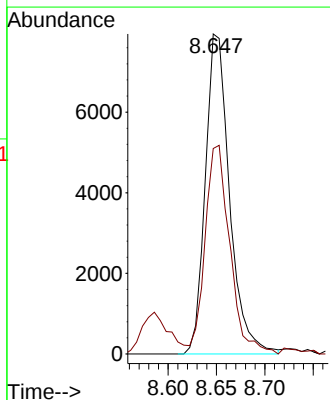
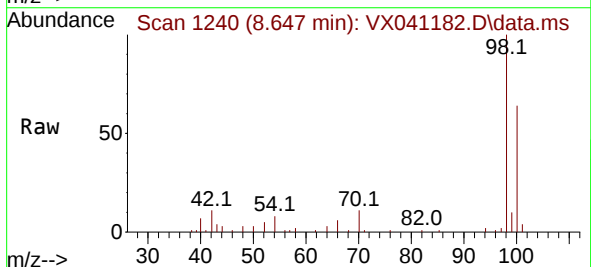
Manual Integrations
APPROVED

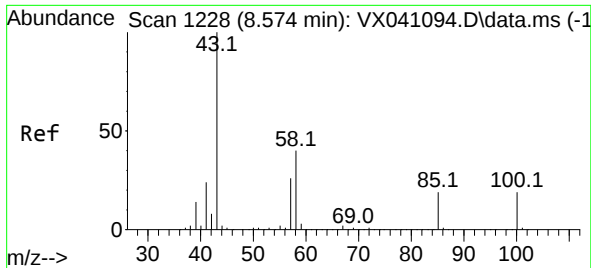
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#50
Toluene-d8
Concen: 1.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 98 Resp: 13887
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 4.306 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

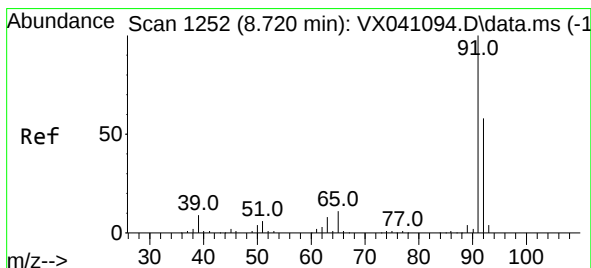
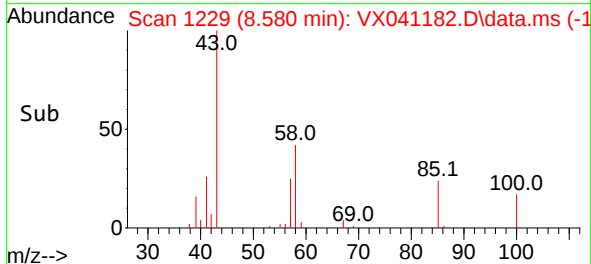
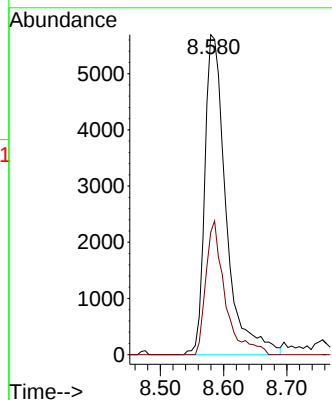
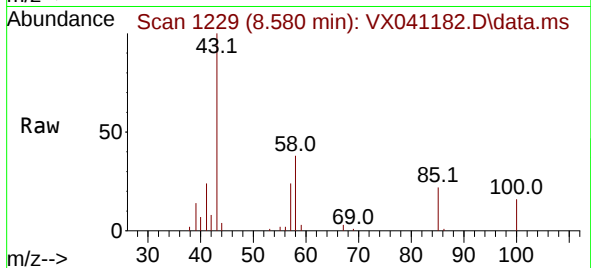
VSTDICC001

Tgt Ion: 43 Resp: 13309
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

Manual Integrations

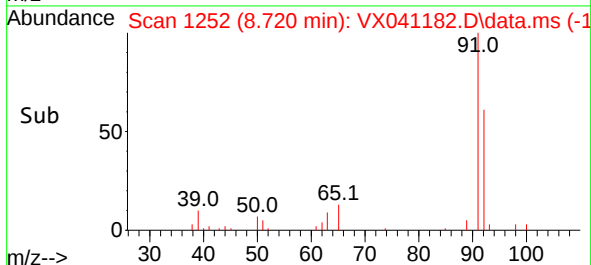
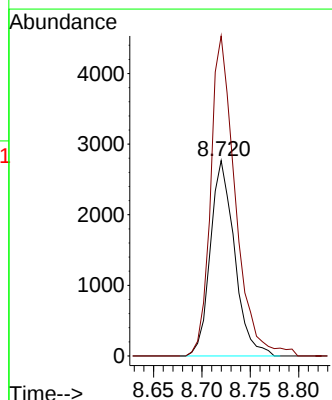
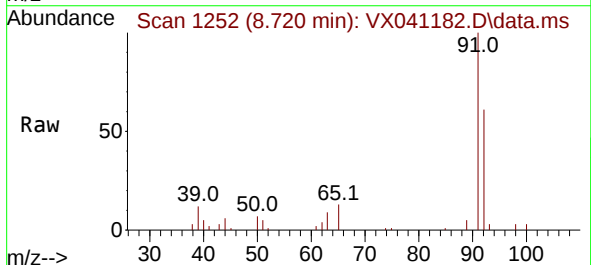
APPROVED

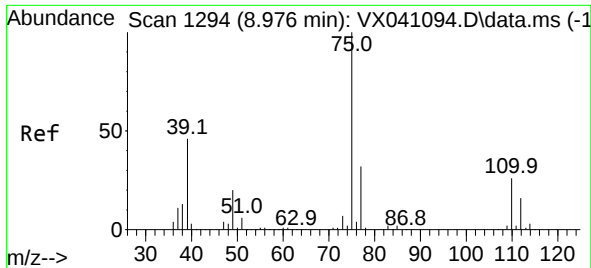
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#52
Toluene
Concen: 0.886 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 92 Resp: 4816
Ion Ratio Lower Upper
92 100
91 167.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.816 ug/l

RT: 8.988 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

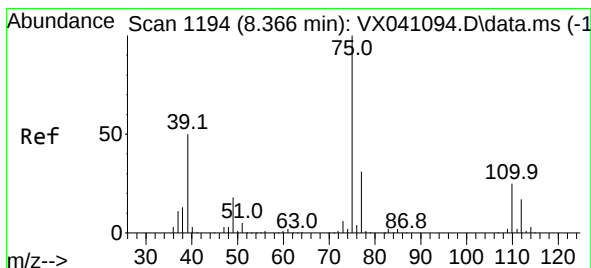
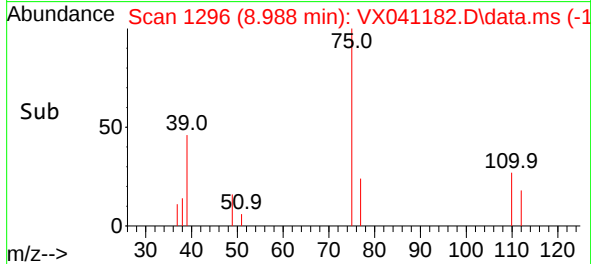
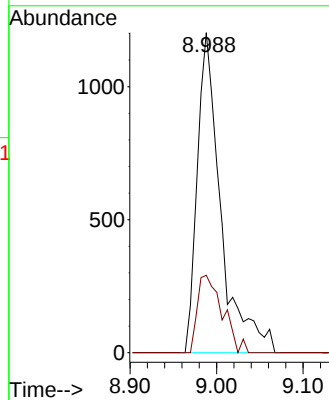
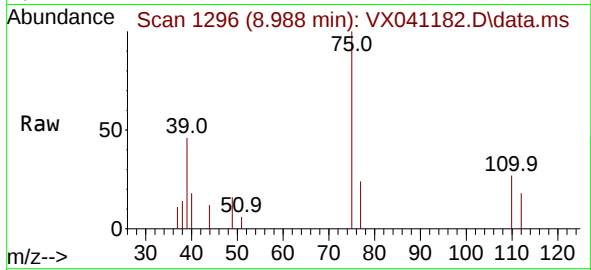
77 24.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#54

cis-1,3-Dichloropropene

Concen: 0.757 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

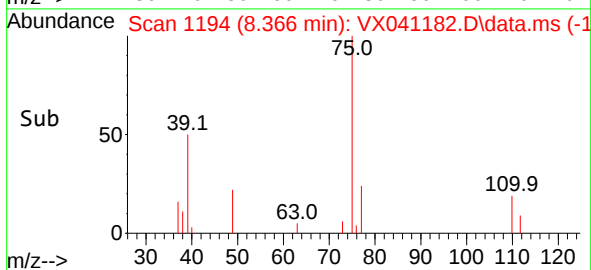
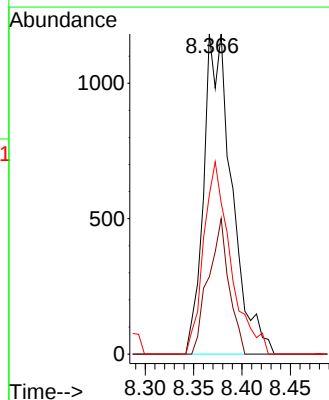
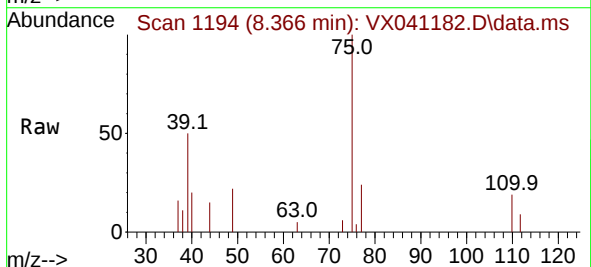
Tgt Ion: 75 Resp: 2401

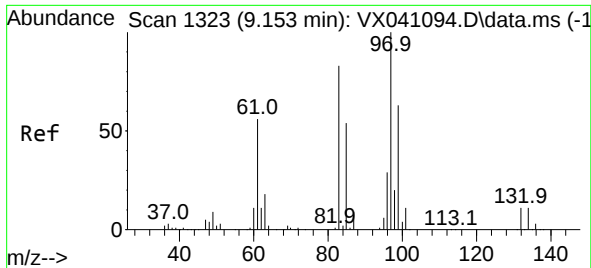
Ion Ratio Lower Upper

75 100

77 24.1 25.3 37.9

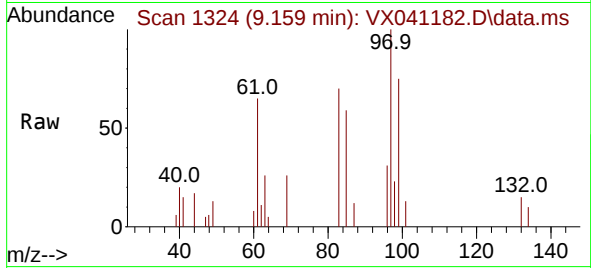
39 49.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.937 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

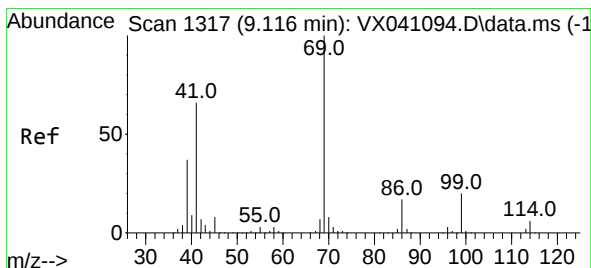
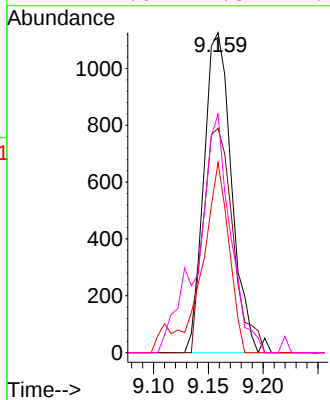
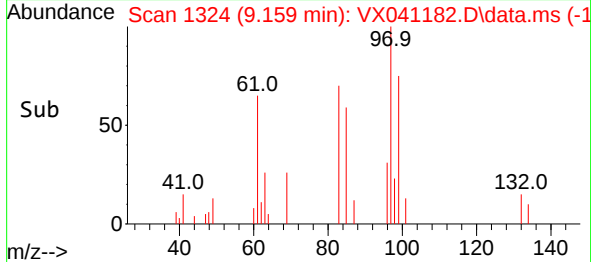
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



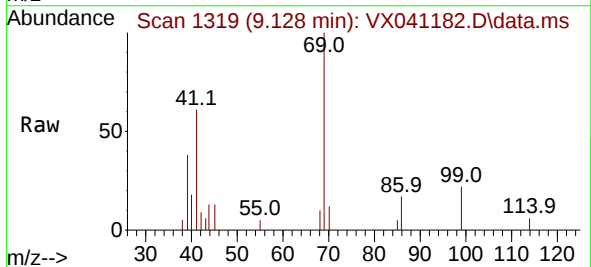
Tgt Ion: 97 Resp: 198
Ion Ratio Lower Upper
97 100
83 70.2 65.8 98.8
85 59.4 41.6 62.4
99 74.6 47.8 71.8#

Manual Integrations
APPROVED

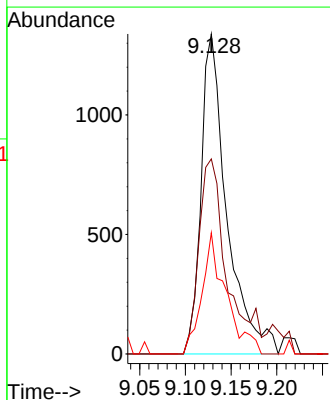
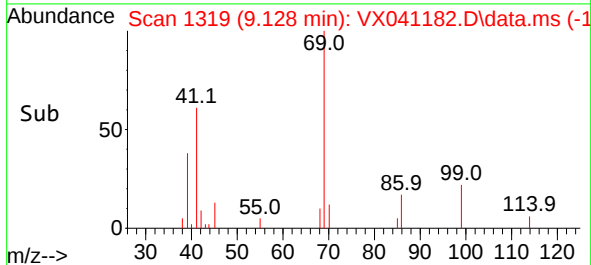
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

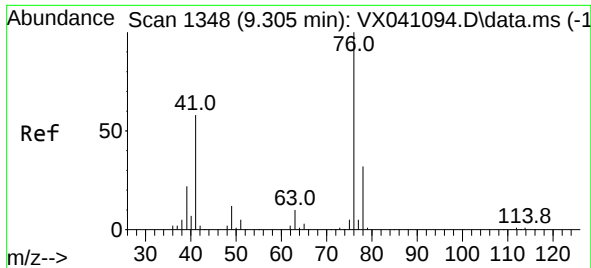


#56
Ethyl methacrylate
Concen: 0.808 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 69 Resp: 2622
Ion Ratio Lower Upper
69 100
41 67.7 56.8 85.2
39 35.7 32.0 48.0





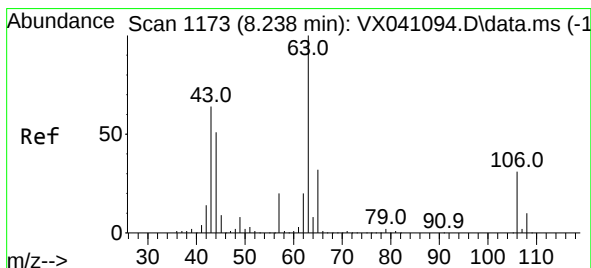
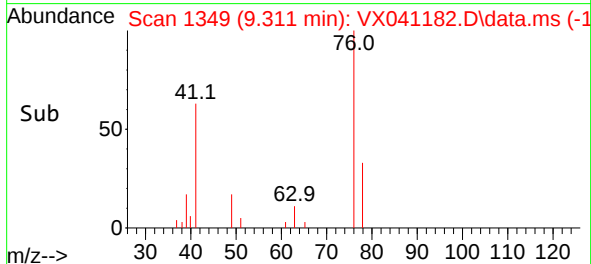
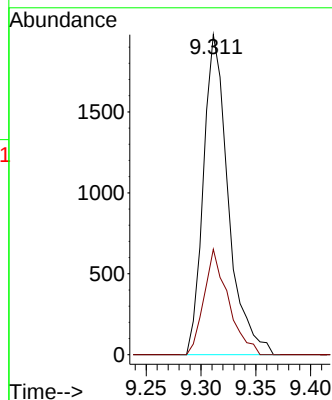
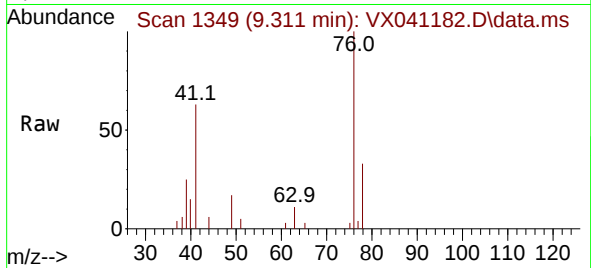
#57
1,3-Dichloropropane
Concen: 0.887 ug/l
RT: 9.311 min Scan# 114
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 3114
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

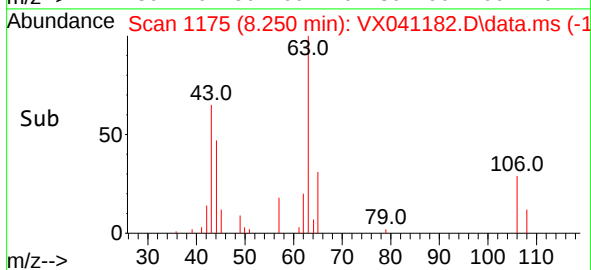
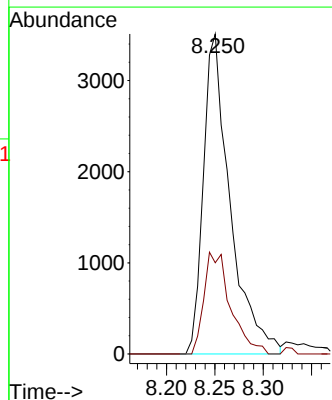
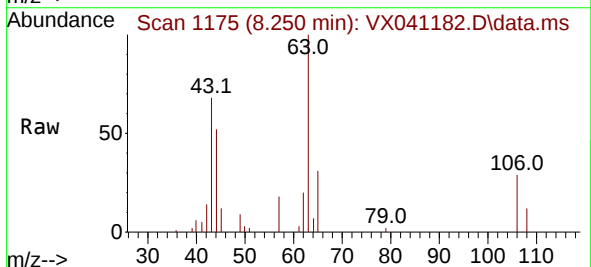
Manual Integrations
APPROVED

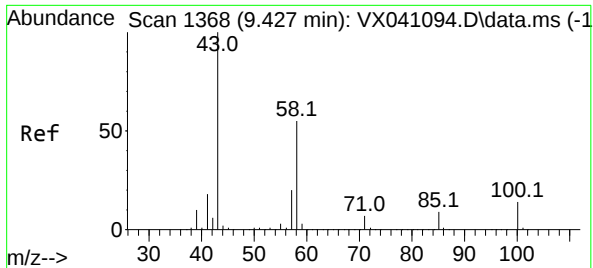
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 4.278 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 63 Resp: 6753
Ion Ratio Lower Upper
63 100
106 31.6 22.5 33.7





#59

2-Hexanone

Concen: 3.948 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

43 100

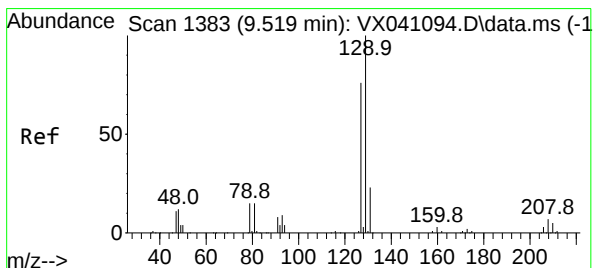
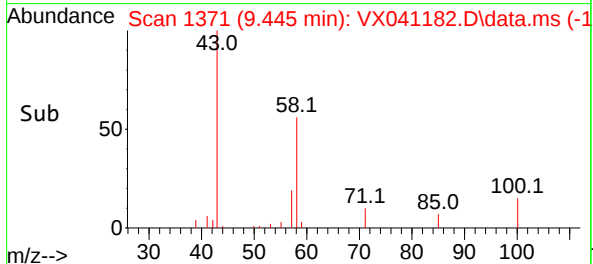
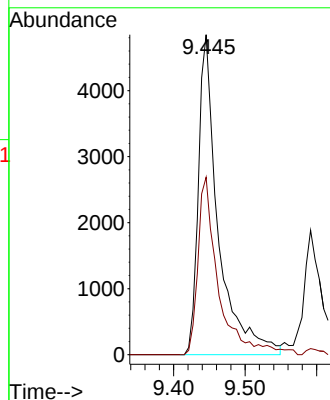
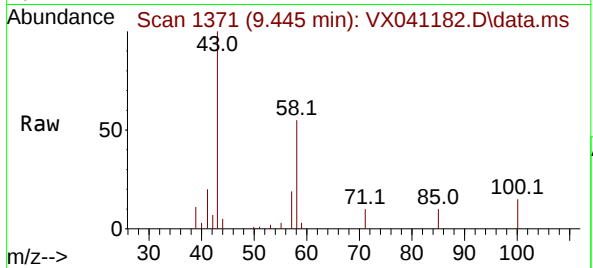
58 57.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#60

Dibromochloromethane

Concen: 0.714 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX041182.D

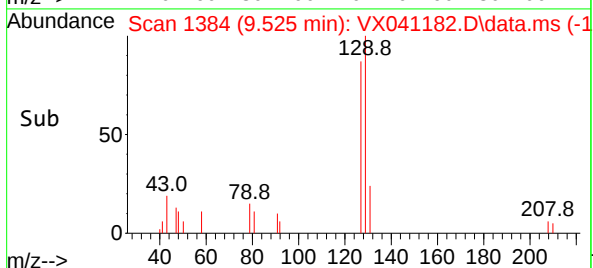
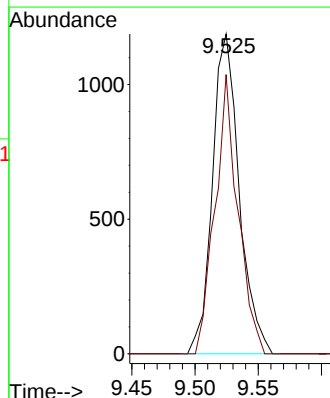
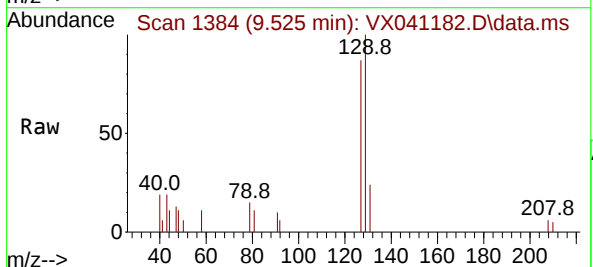
Acq: 22 Apr 2024 10:58

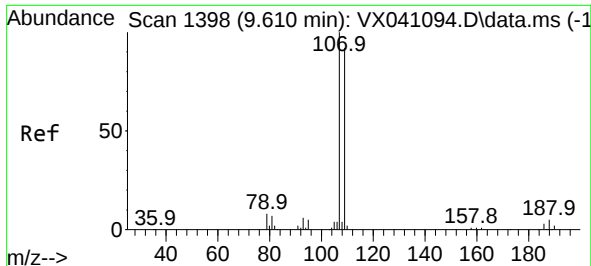
Tgt Ion:129 Resp: 1749

Ion Ratio Lower Upper

129 100

127 74.8 38.8 116.4





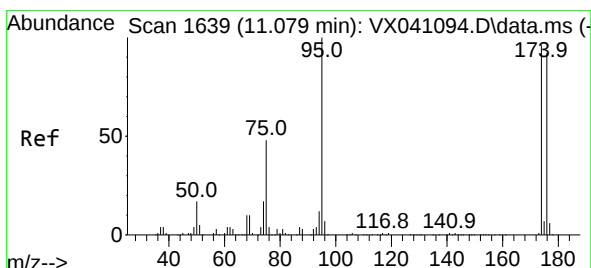
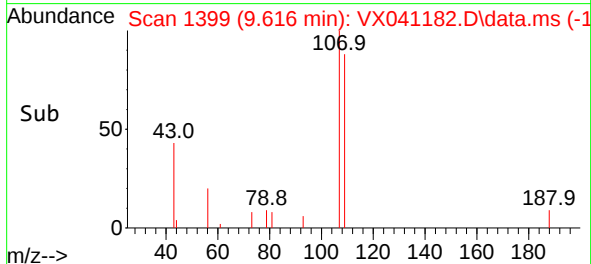
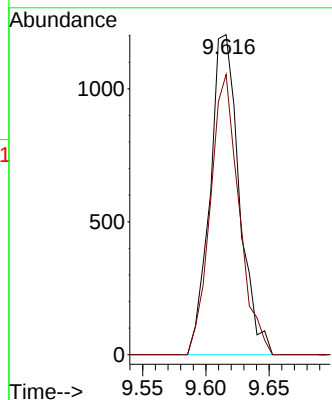
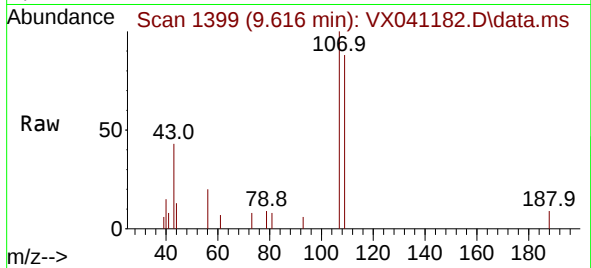
#61
1,2-Dibromoethane
Concen: 0.852 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 1940
Ion Ratio Lower Upper
107 100
109 85.8 75.2 112.8

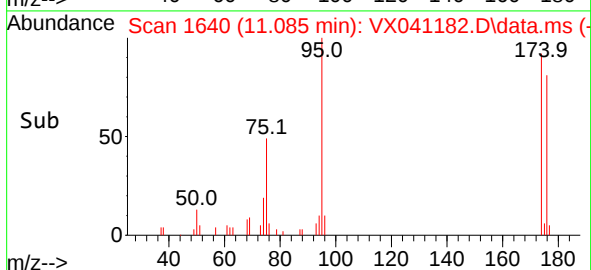
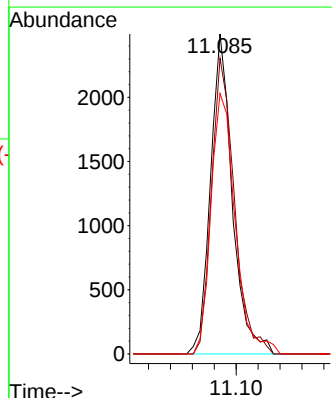
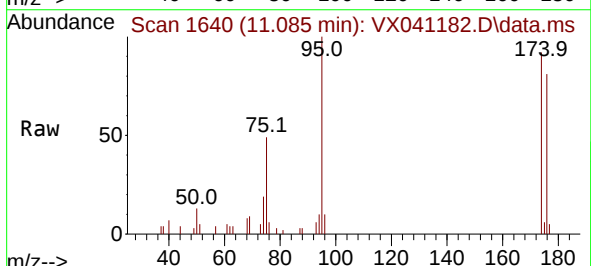
Manual Integrations
APPROVED

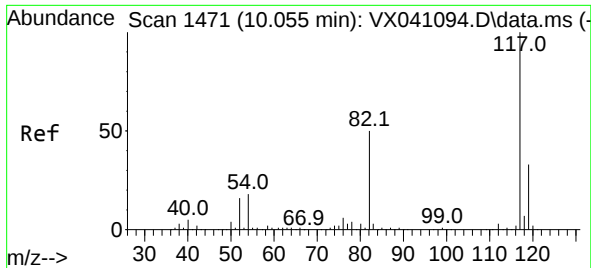
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#62
4-Bromofluorobenzene
Concen: 1.267 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

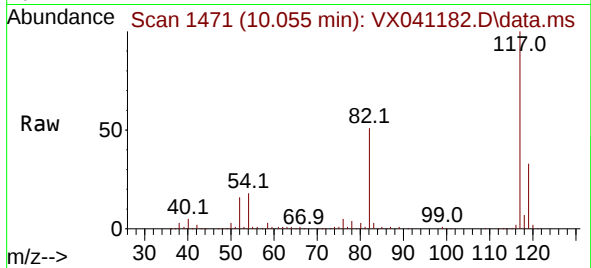
Tgt Ion: 95 Resp: 3445
Ion Ratio Lower Upper
95 100
174 96.7 0.0 135.6
176 90.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

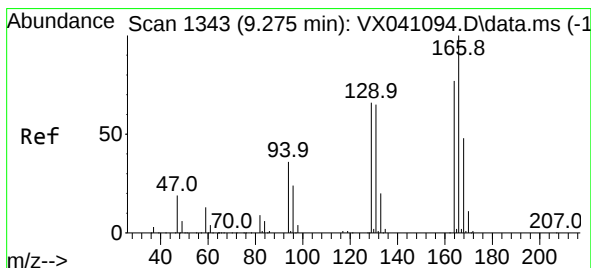
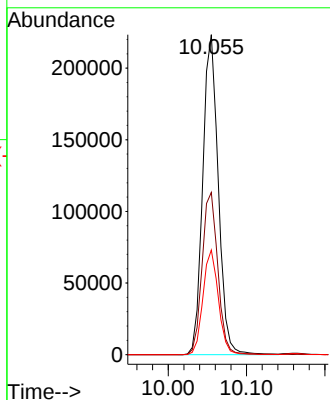
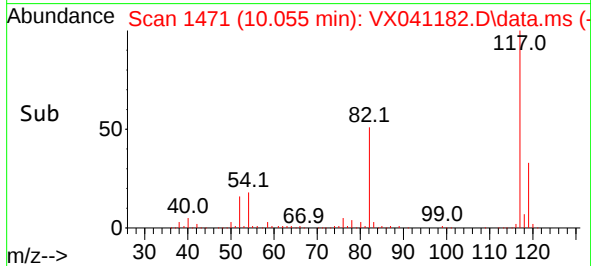
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 307435
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.7 25.5 38.3

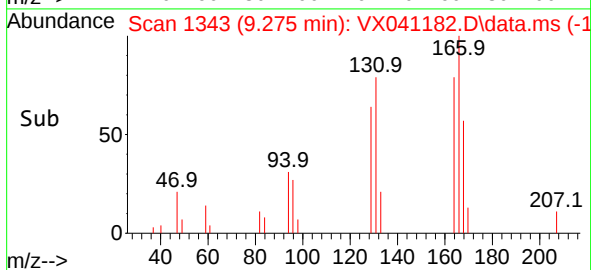
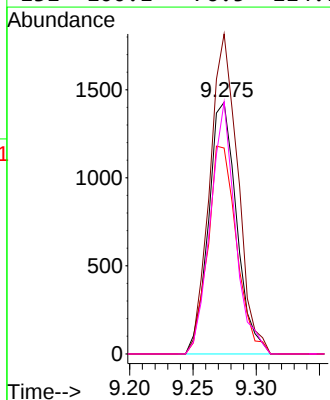
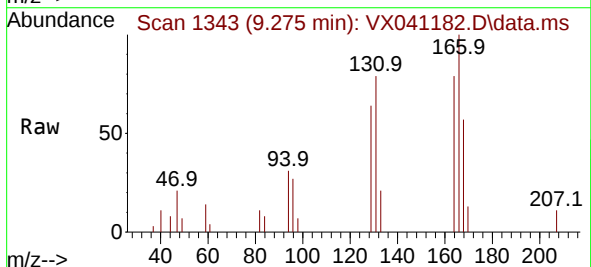
Manual Integrations
APPROVED

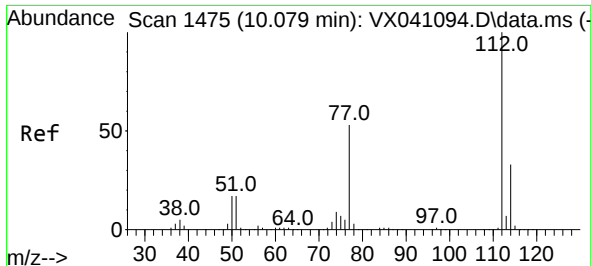
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#64
Tetrachloroethene
Concen: 0.936 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

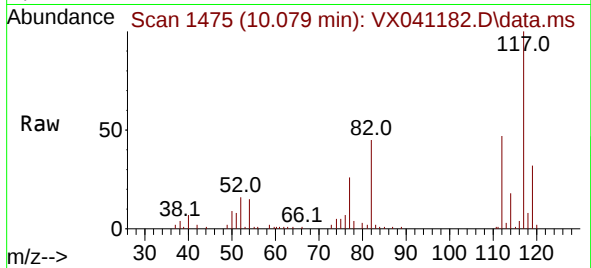
Tgt Ion:164 Resp: 2208
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 81.8 80.4 120.6
131 100.1 76.5 114.7





#65
Chlorobenzene
Concen: 0.969 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

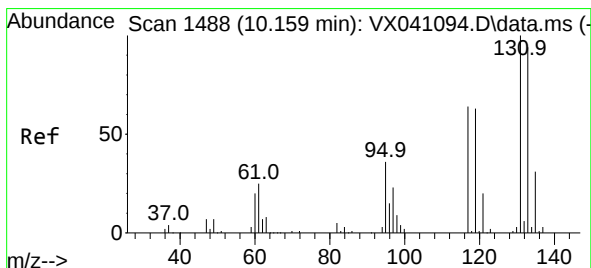
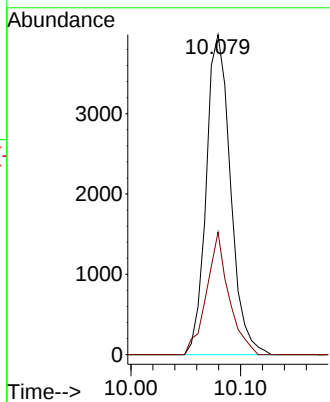
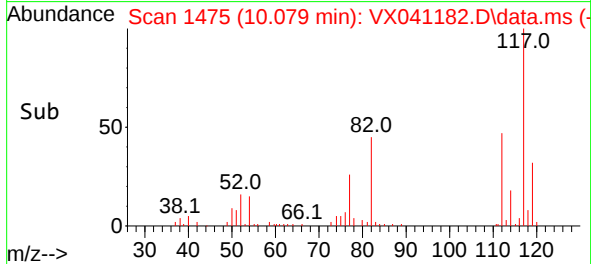
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:112 Resp: 6134
Ion Ratio Lower Upper
112 100
114 38.3 25.7 38.5

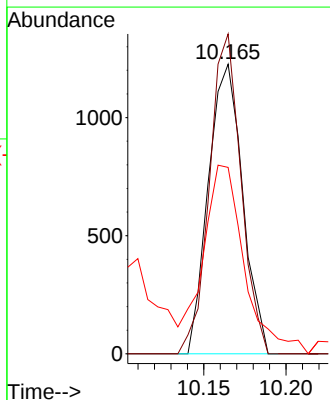
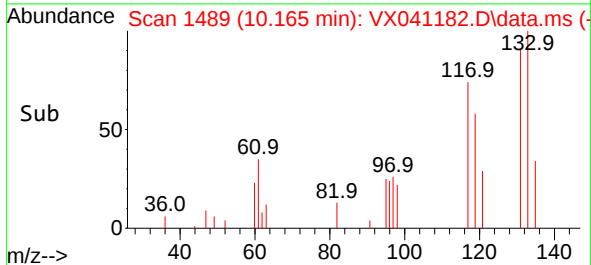
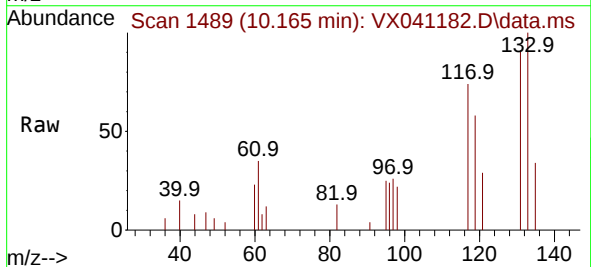
Manual Integrations
APPROVED

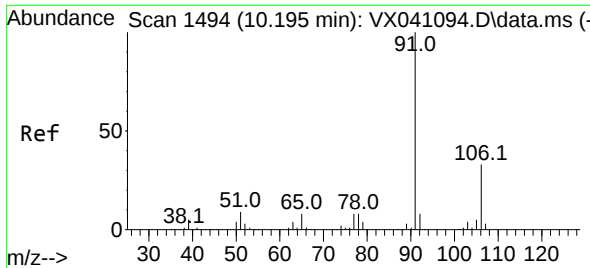
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.819 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion:131 Resp: 1776
Ion Ratio Lower Upper
131 100
133 101.4 47.1 141.4
119 0.0 32.2 96.6#





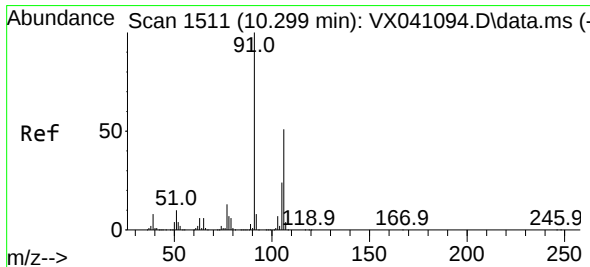
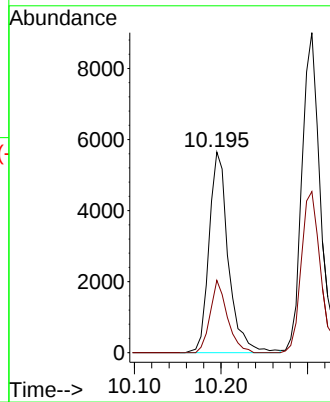
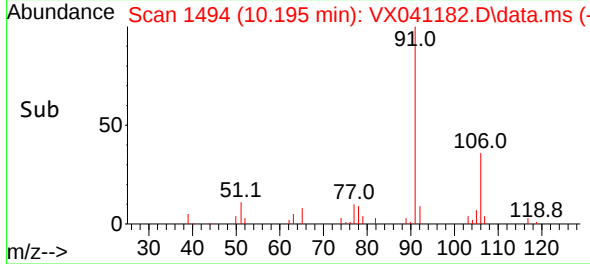
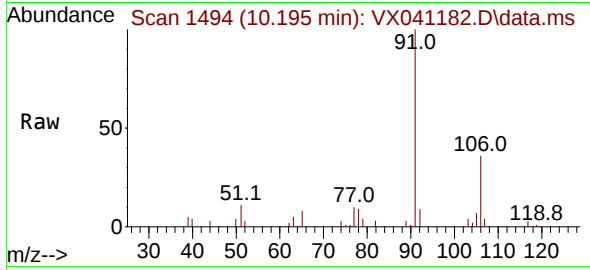
#67
Ethyl Benzene
Concen: 0.869 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 8772
Ion Ratio Lower Upper
91 100
106 36.0 24.9 37.3

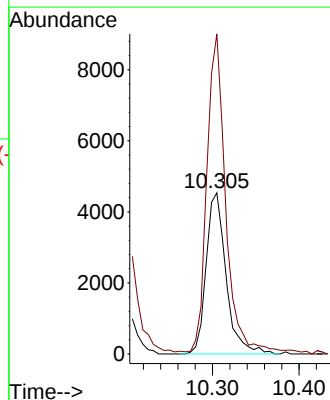
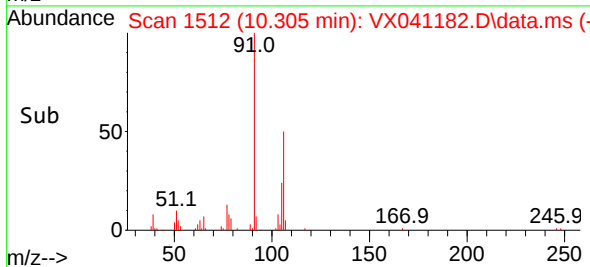
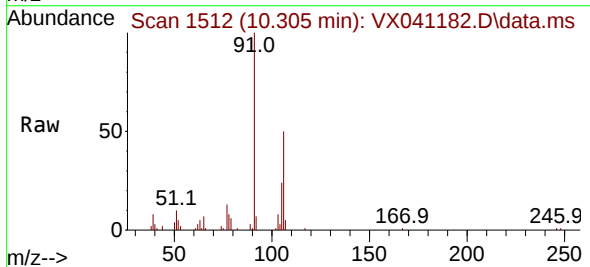
Manual Integrations
APPROVED

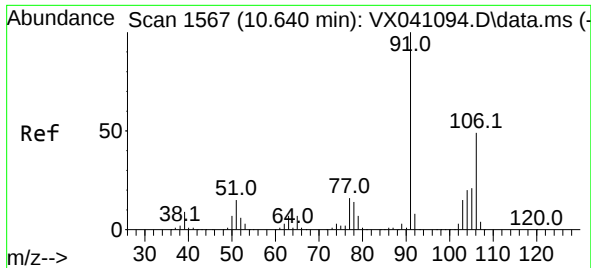
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#68
m/p-Xylenes
Concen: 1.781 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion:106 Resp: 7260
Ion Ratio Lower Upper
106 100
91 190.6 165.5 248.3





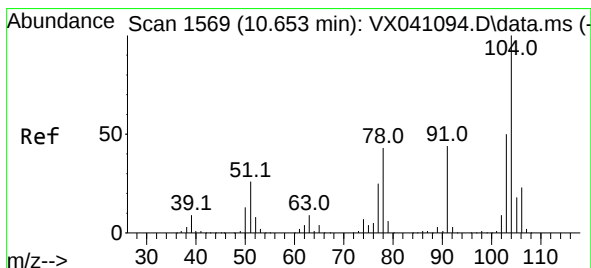
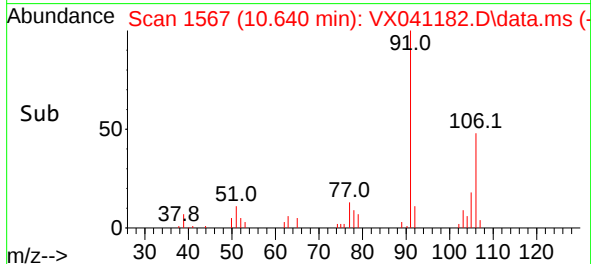
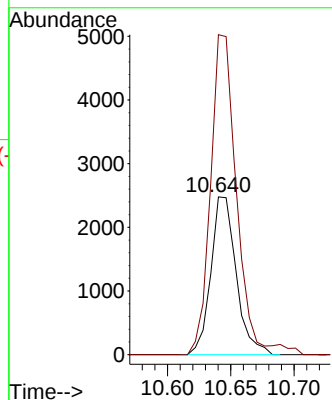
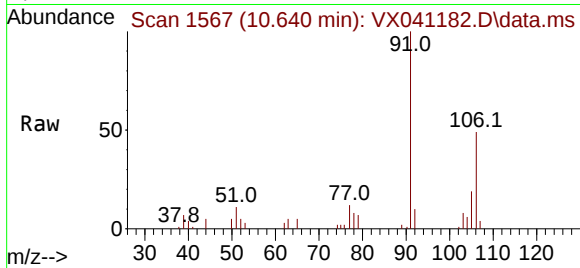
#69
o-Xylene
Concen: 0.871 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3452
Ion Ratio Lower Upper
106 100
91 209.0 108.9 326.8

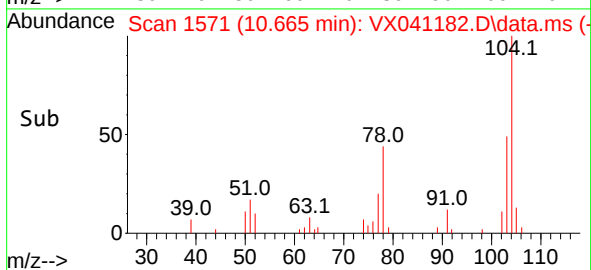
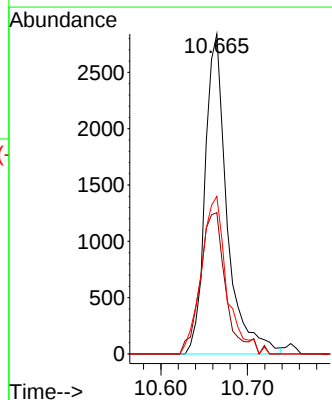
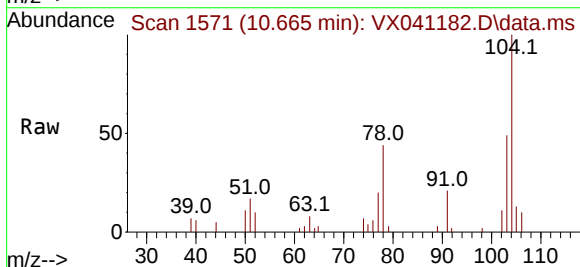
Manual Integrations
APPROVED

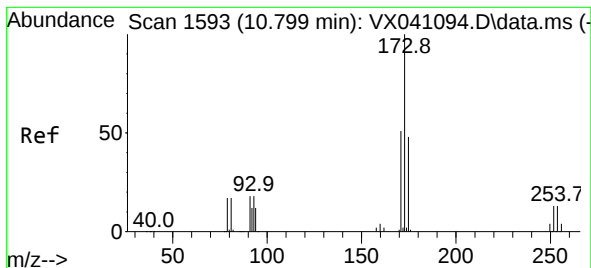
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#70
Styrene
Concen: 0.775 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion:104 Resp: 4998
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 57.0 43.6 65.4





#71

Bromoform

Concen: 0.756 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

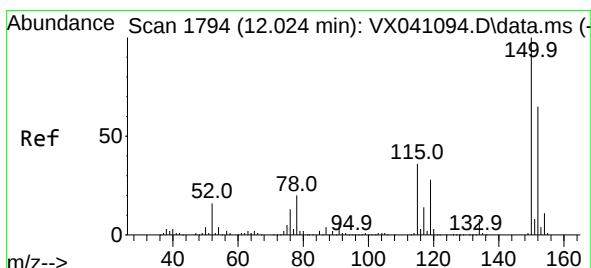
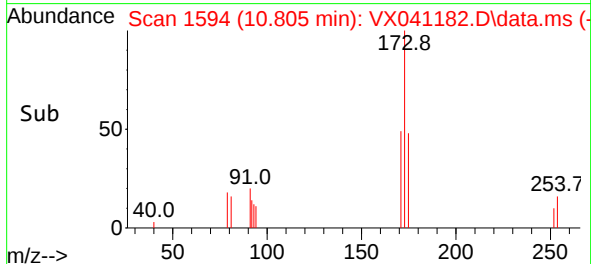
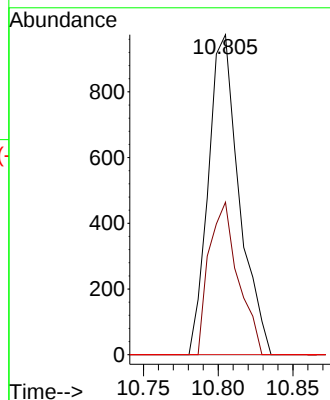
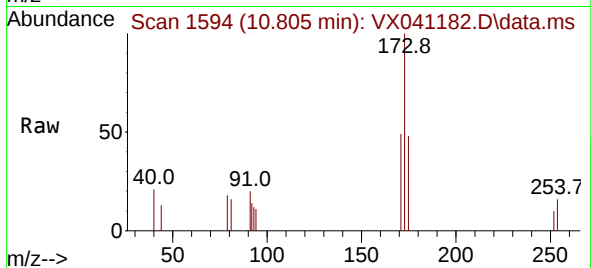
Tgt Ion:173	Resp:	1400
Ion Ratio	Lower	Upper
173	100	
175	44.9	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

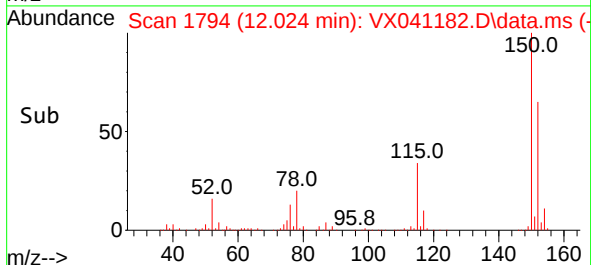
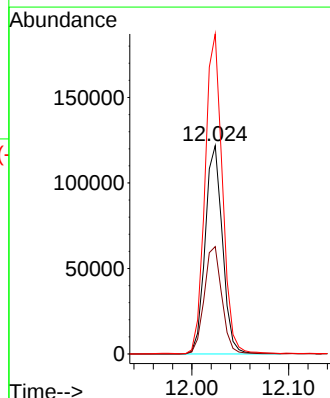
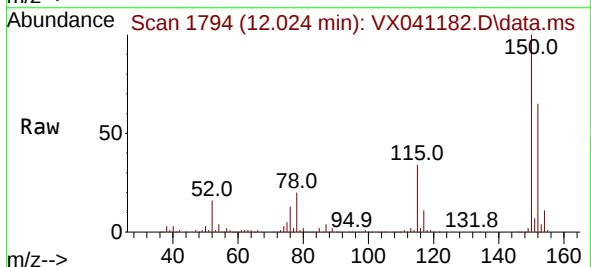
RT: 12.024 min Scan# 1794

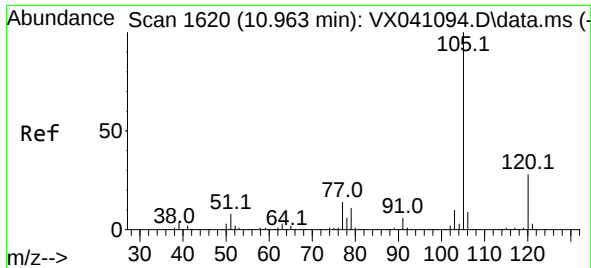
Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

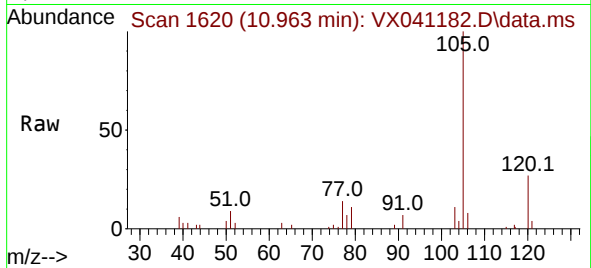
Tgt Ion:152	Resp:	151574
Ion Ratio	Lower	Upper
152	100	
115	52.8	43.3 129.9
150	154.6	0.0 345.0





#73
Isopropylbenzene
Concen: 0.907 ug/l
RT: 10.963 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

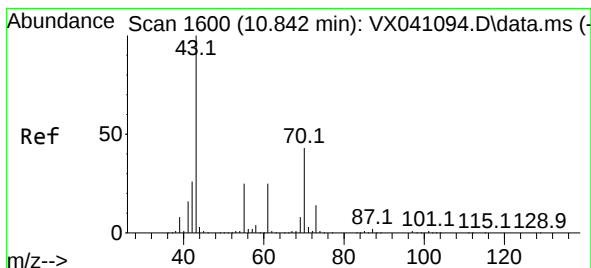
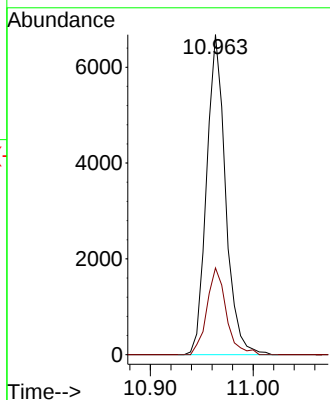
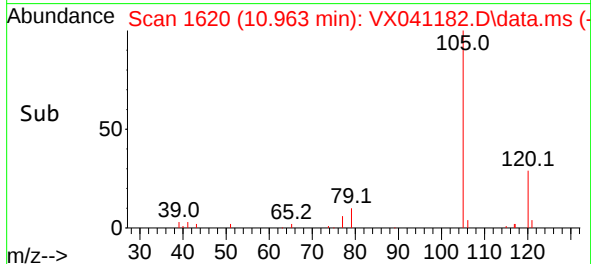
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



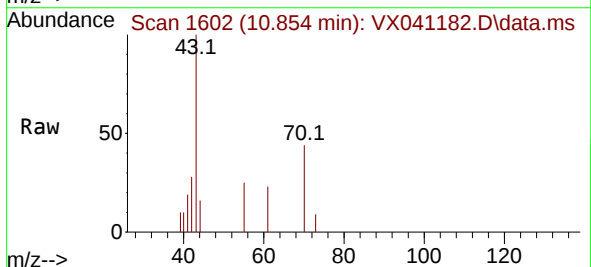
Tgt Ion: 105 Resp: 855
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

Manual Integrations
APPROVED

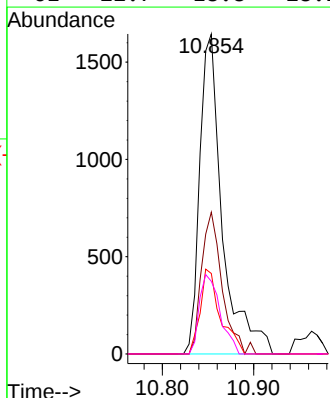
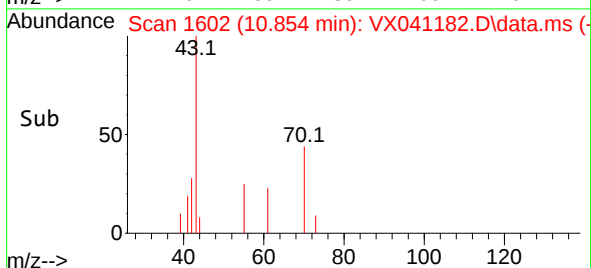
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

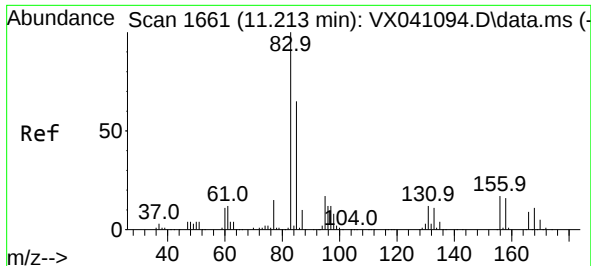


#74
N-ethyl acetate
Concen: 0.763 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
70 40.4 32.9 49.3
55 23.7 19.3 28.9
61 22.7 18.8 28.2





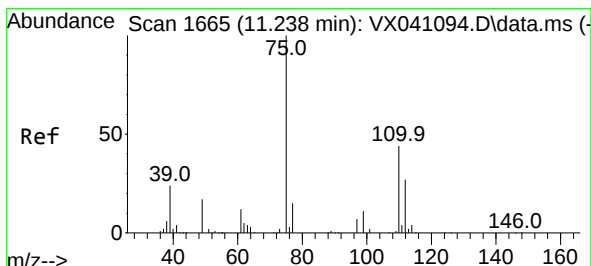
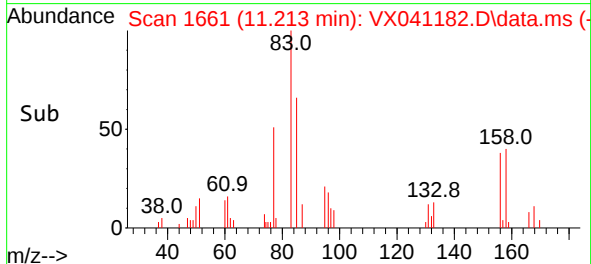
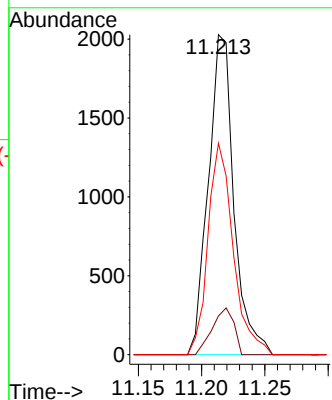
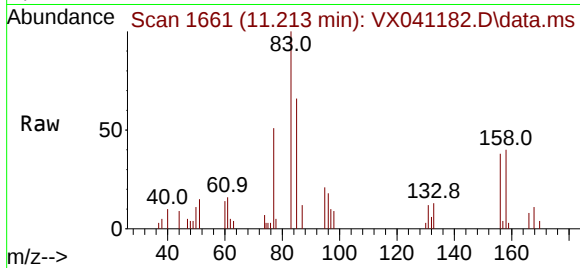
#75
1,1,2,2-Tetrachloroethane
Concen: 0.959 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 2852
Ion Ratio Lower Upper
83 100
131 12.3 5.3 15.8
85 65.3 32.0 96.2

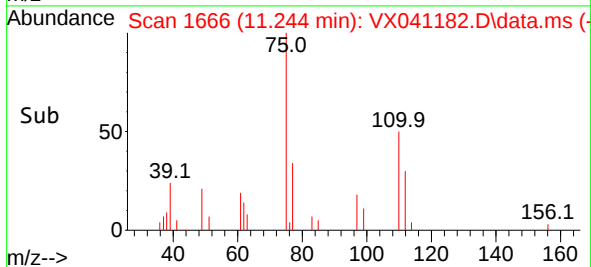
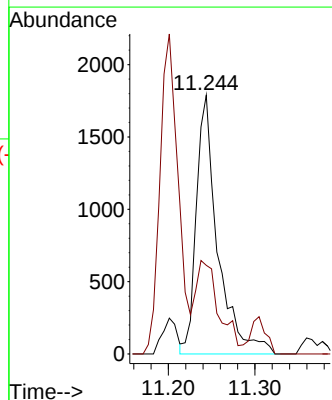
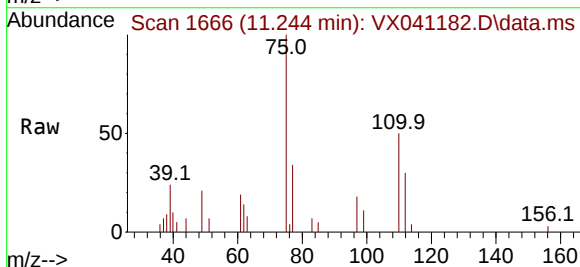
Manual Integrations
APPROVED

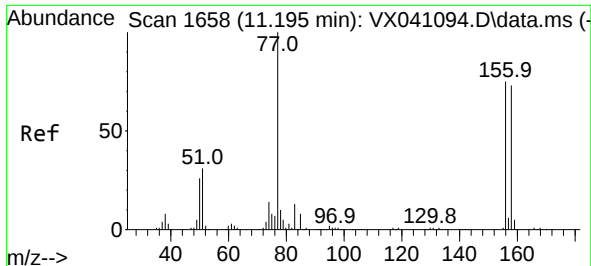
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#76
1,2,3-Trichloropropane
Concen: 1.255 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

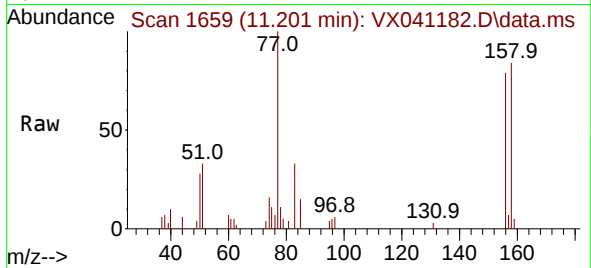
Tgt Ion: 75 Resp: 3066
Ion Ratio Lower Upper
75 100
77 39.8 19.1 57.5





#77
Bromobenzene
Concen: 0.868 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

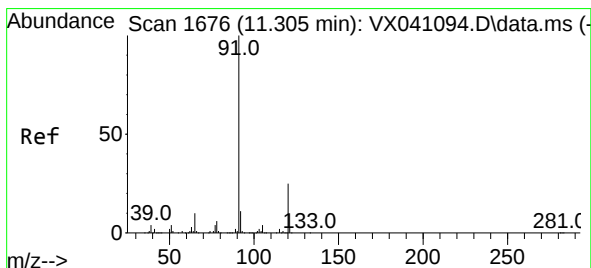
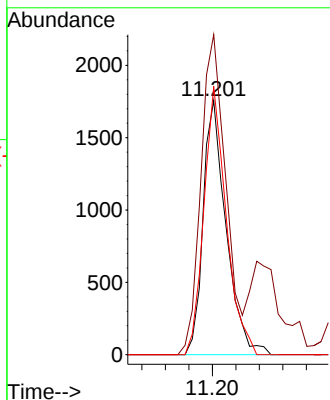
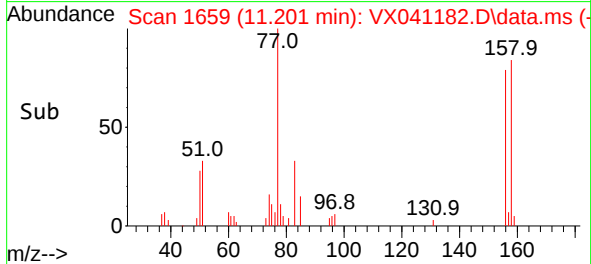
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



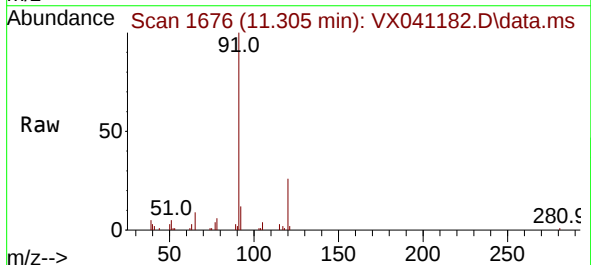
Tgt Ion:156 Resp: 238
Ion Ratio Lower Upper
156 100
77 136.5 88.4 265.3
158 103.2 48.0 144.0

Manual Integrations
APPROVED

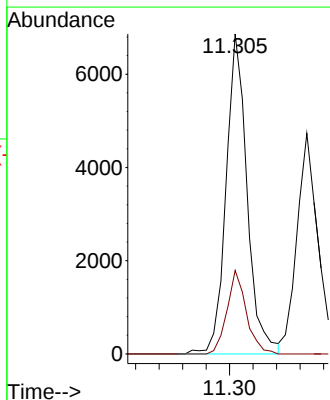
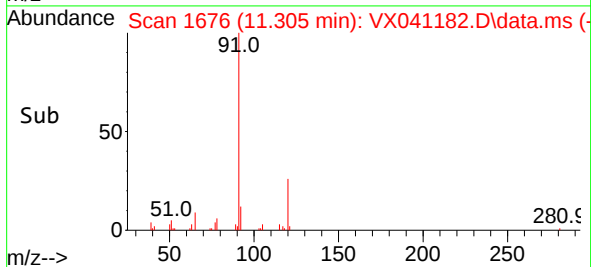
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

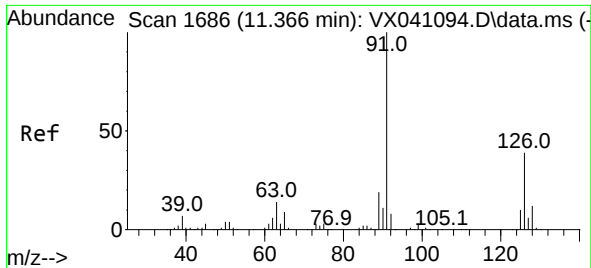


#78
n-propylbenzene
Concen: 0.839 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 91 Resp: 8542
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4





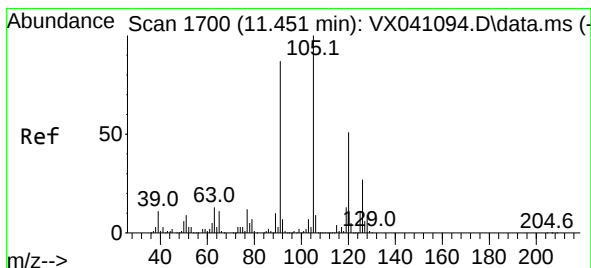
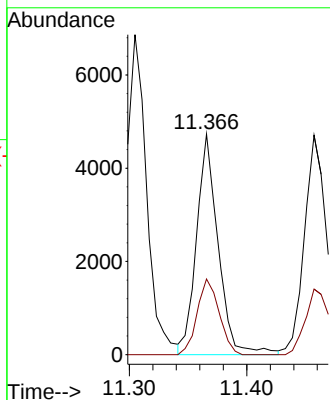
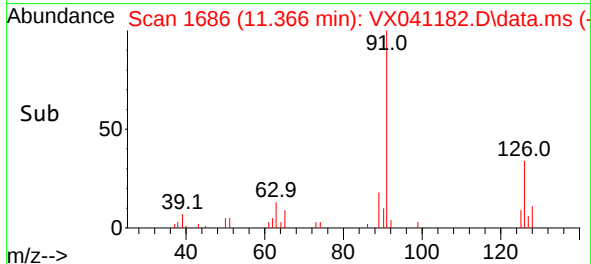
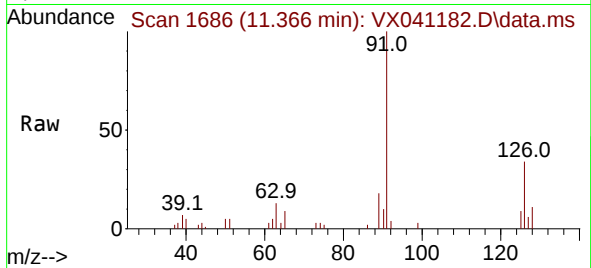
#79
2-Chlorotoluene
Concen: 0.939 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 6048
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

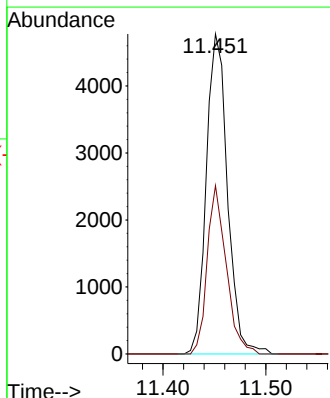
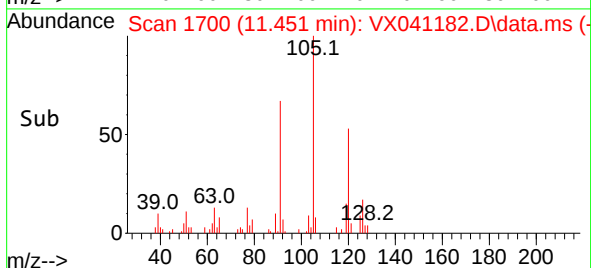
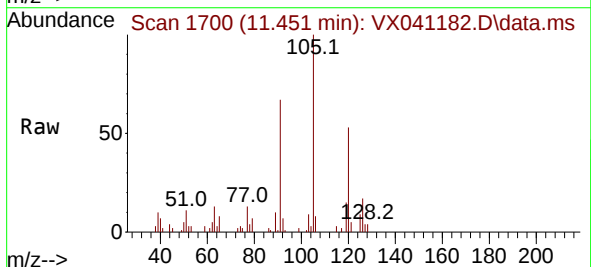
Manual Integrations
APPROVED

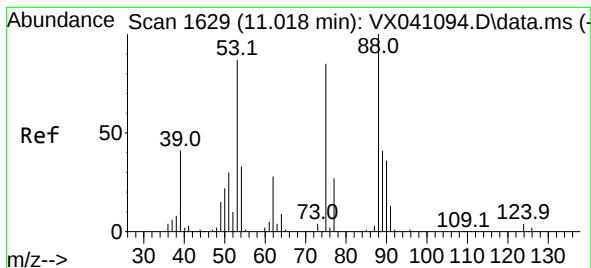
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.871 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

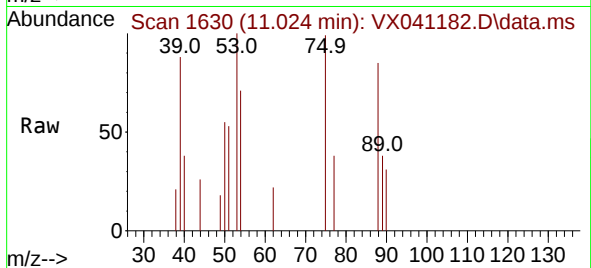
Tgt Ion:105 Resp: 6830
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.643 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

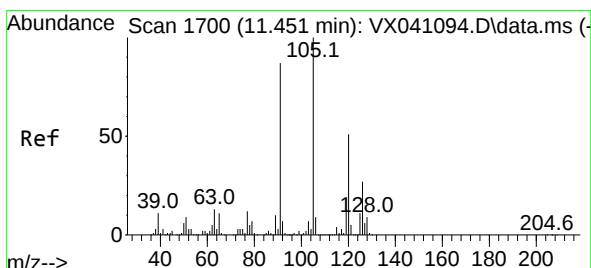
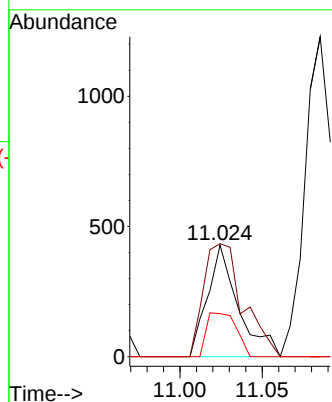
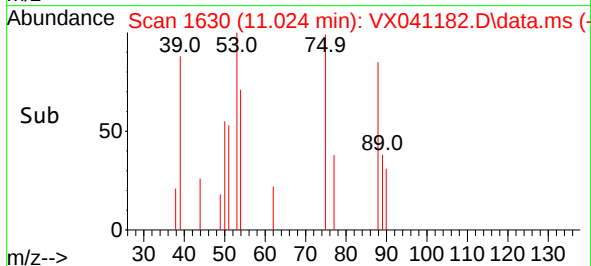
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
53 129.8 90.5 135.7
89 37.7 36.9 55.3

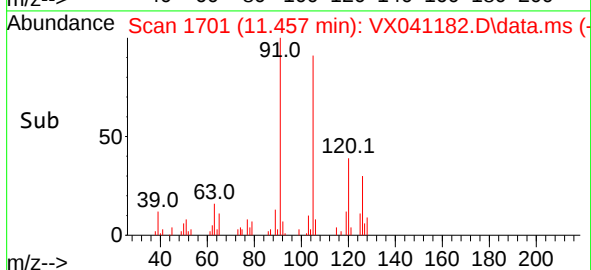
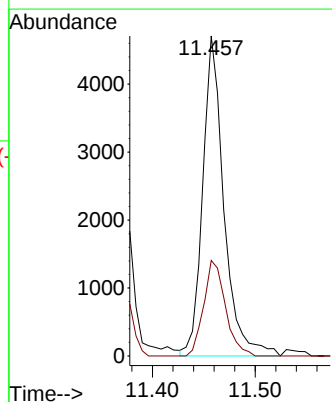
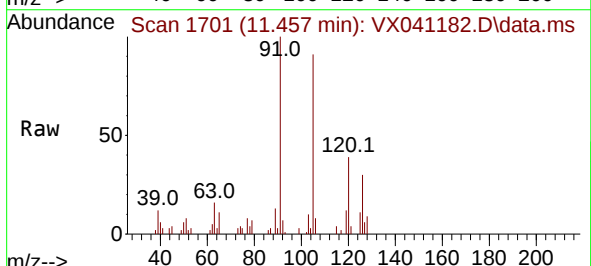
Manual Integrations
APPROVED

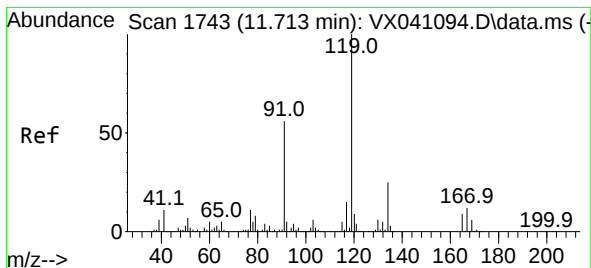
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 0.926 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Tgt Ion: 91 Resp: 6763
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.913 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

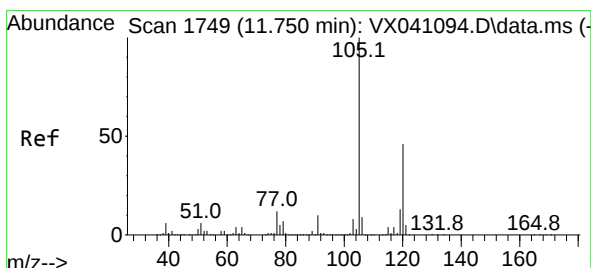
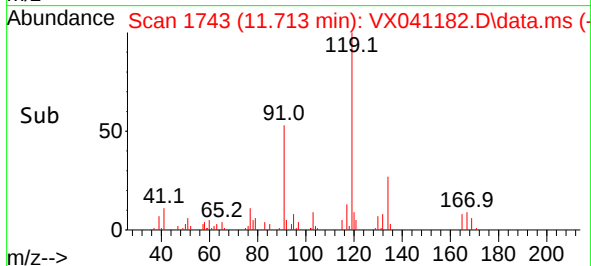
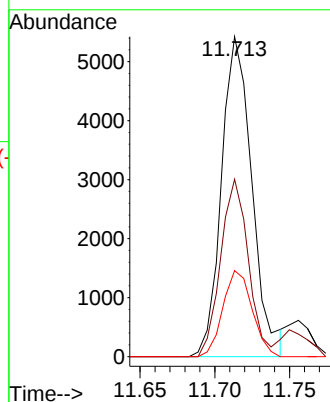
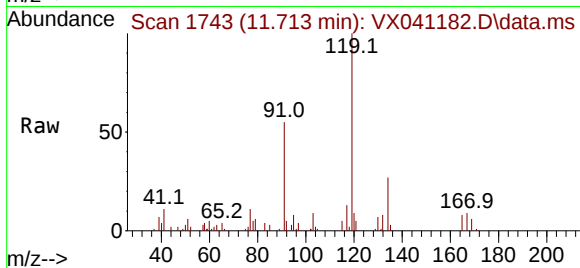
Tgt Ion:	119	Resp:	7669
Ion Ratio	Lower	Upper	
119	100		
91	50.5	31.2	93.6
134	25.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.819 ug/l

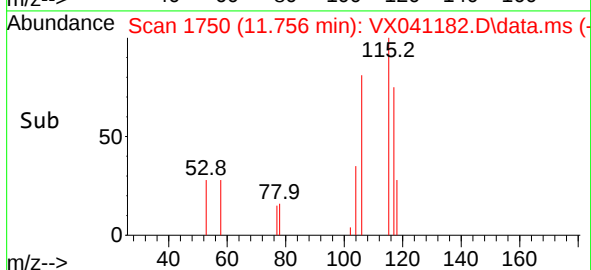
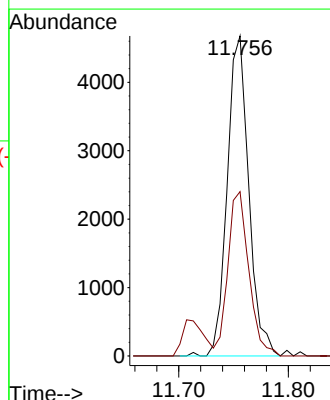
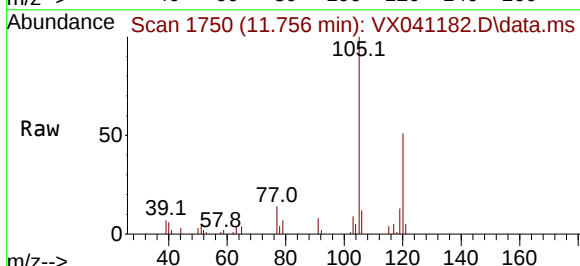
RT: 11.756 min Scan# 1750

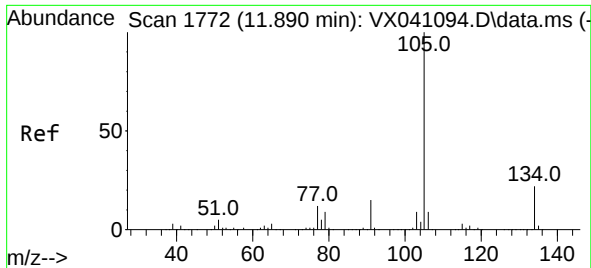
Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

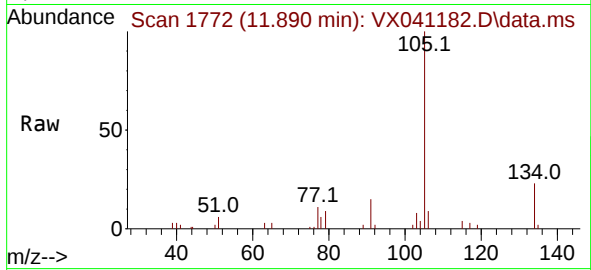
Tgt Ion:	105	Resp:	6376
Ion Ratio	Lower	Upper	
105	100		
120	50.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.849 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041182.D
 Acq: 22 Apr 2024 10:58

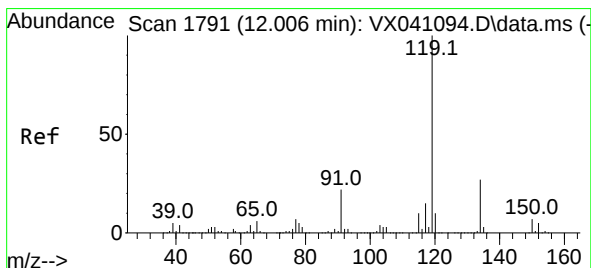
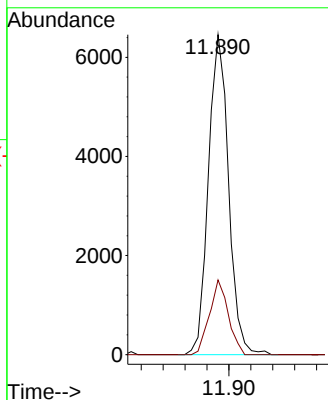
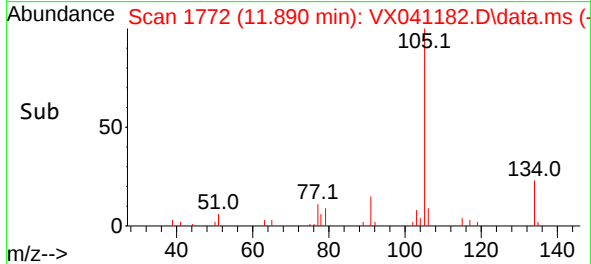
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



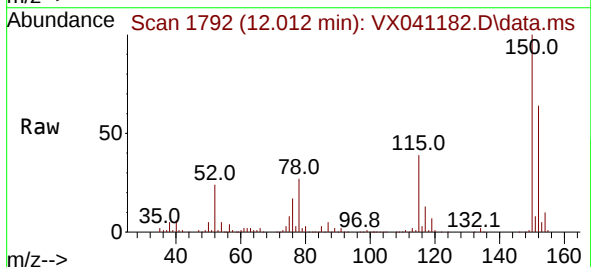
Tgt Ion:105 Resp: 8238
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.4

Manual Integrations
 APPROVED

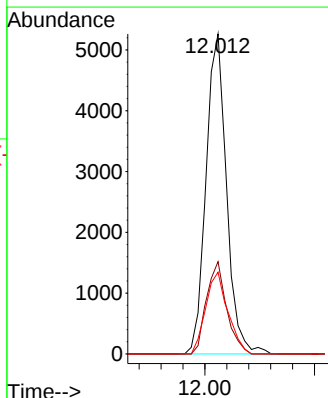
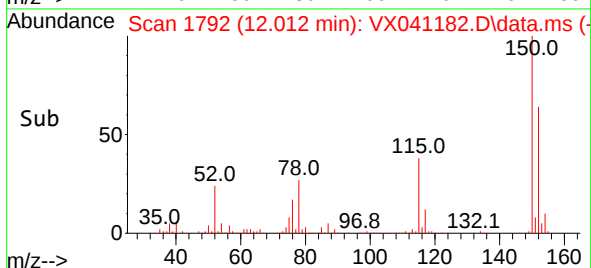
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

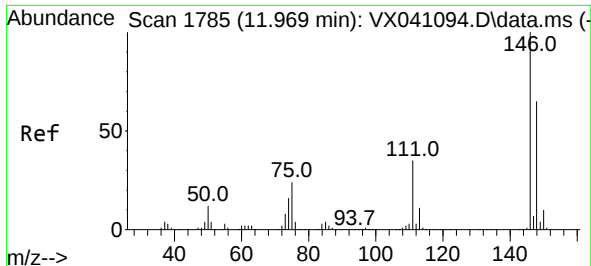


#86
 p-Isopropyltoluene
 Concen: 0.799 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041182.D
 Acq: 22 Apr 2024 10:58



Tgt Ion:119 Resp: 6832
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.930 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 4584

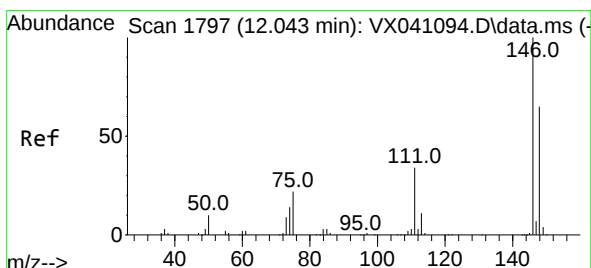
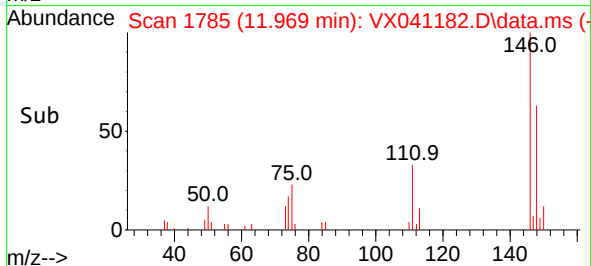
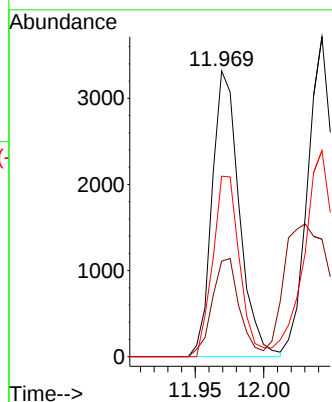
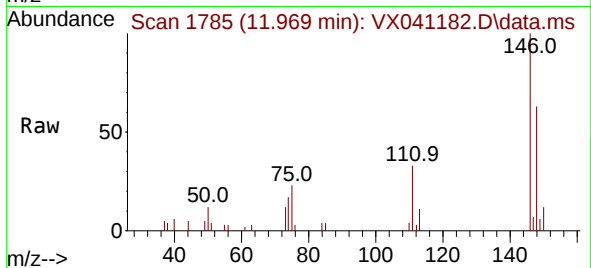
Ion	Ratio	Lower	Upper
146	100		
111	34.6	22.1	66.1
148	62.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

Concen: 0.906 ug/l

RT: 11.969 min Scan# 1785

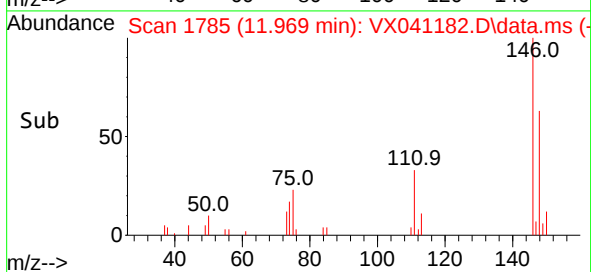
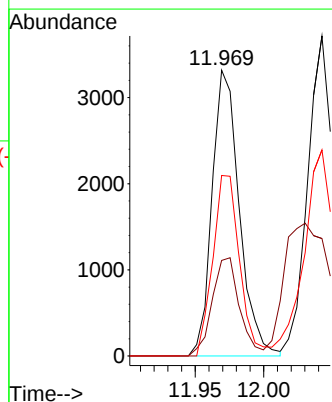
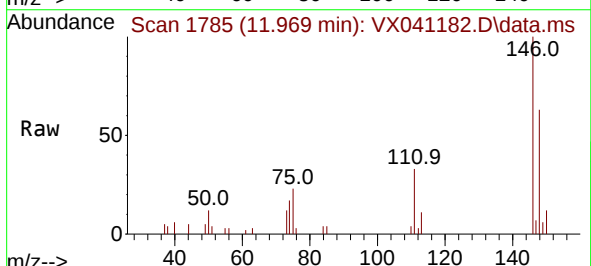
Delta R.T. -0.073 min

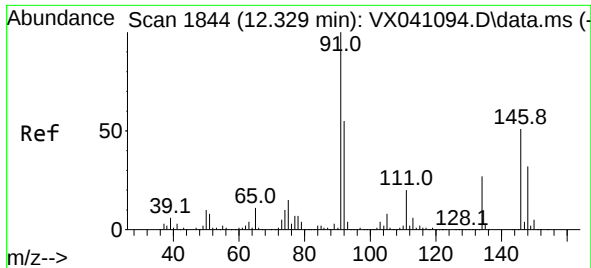
Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion:146 Resp: 4584

Ion	Ratio	Lower	Upper
146	100		
111	34.6	21.3	63.7
148	62.7	31.8	95.4





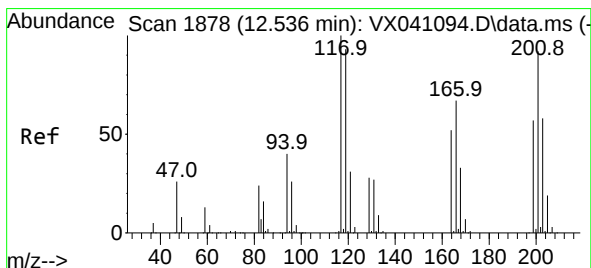
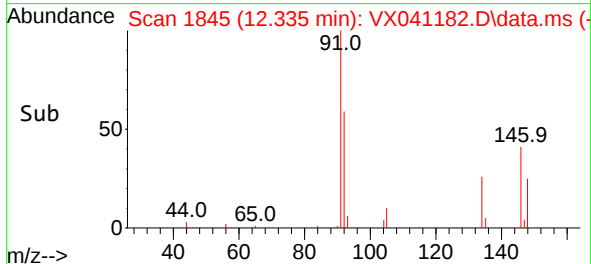
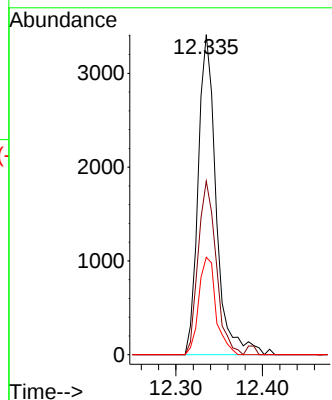
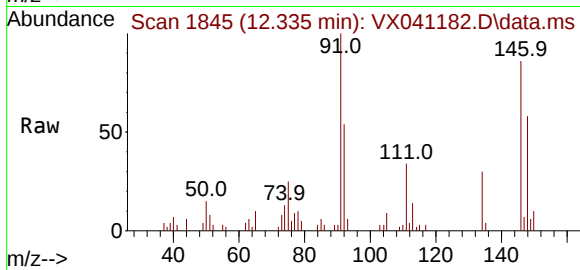
#89
n-Butylbenzene
Concen: 0.761 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4938
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 29.0 12.6 37.8

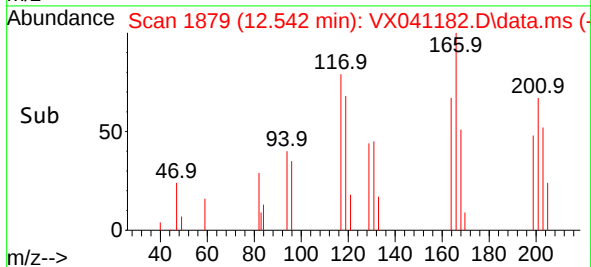
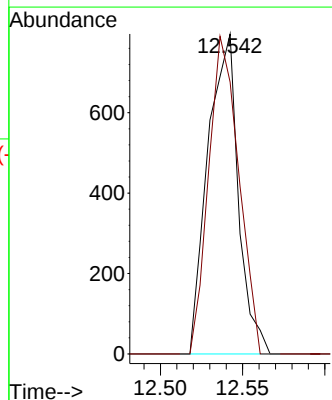
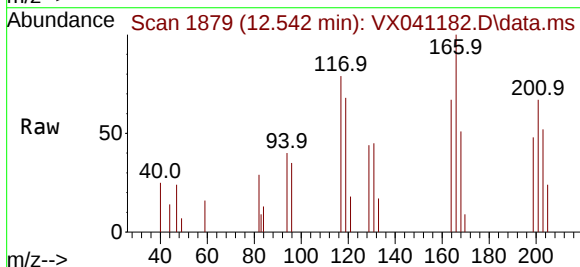
Manual Integrations
APPROVED

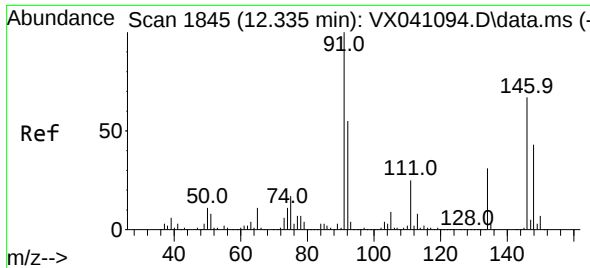
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#90
Hexachloroethane
Concen: 0.726 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

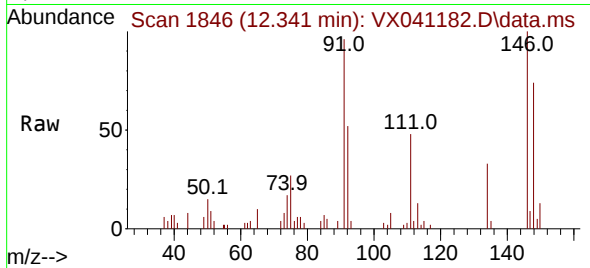
Tgt Ion:117 Resp: 1024
Ion Ratio Lower Upper
117 100
201 98.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.914 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58

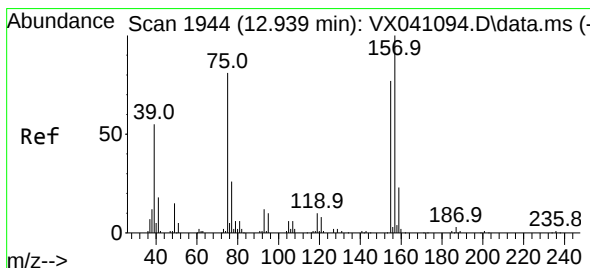
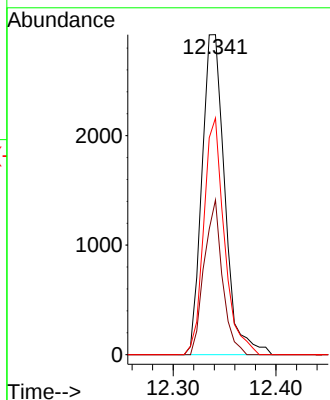
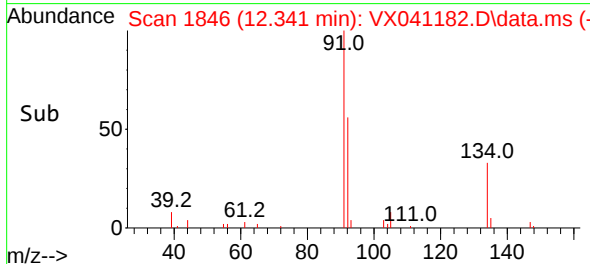
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



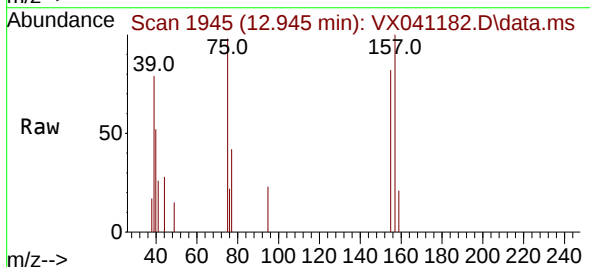
Tgt Ion:146 Resp: 4514
Ion Ratio Lower Upper
146 100
111 38.7 22.4 67.0
148 67.0 31.6 95.0

Manual Integrations
APPROVED

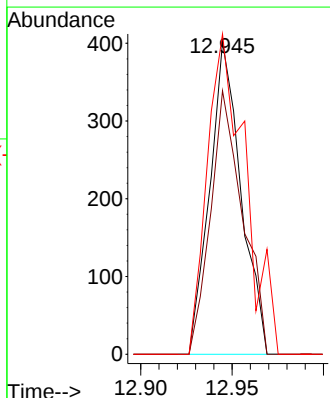
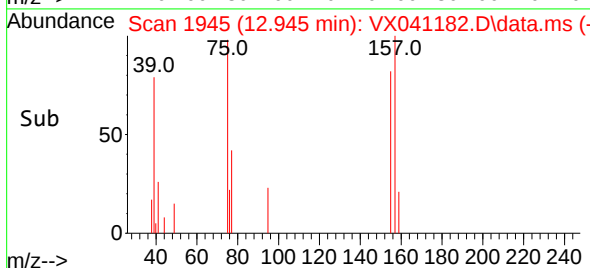
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

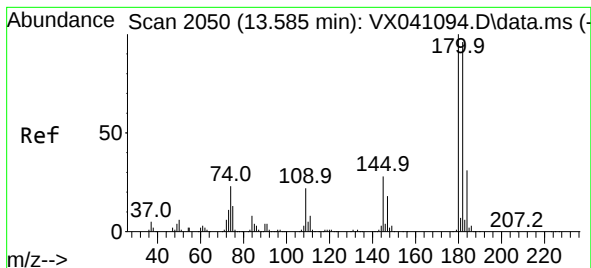


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.764 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041182.D
Acq: 22 Apr 2024 10:58



Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
155 87.2 36.1 108.5
157 124.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.703 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

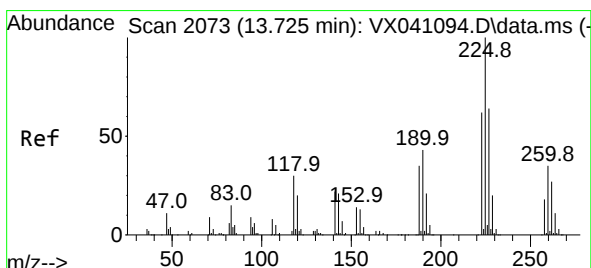
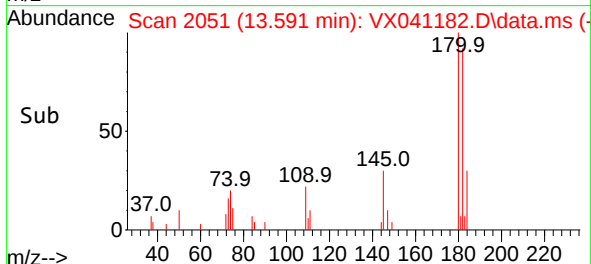
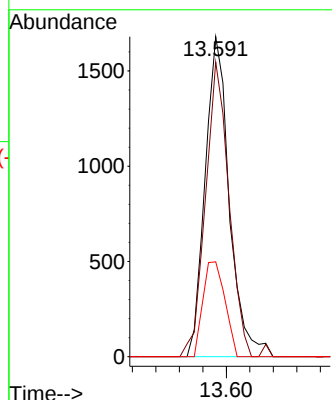
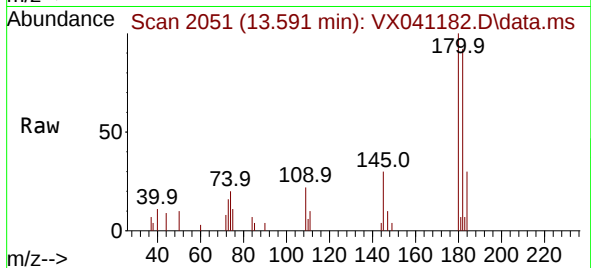
Tgt Ion:180	Resp:	2400
Ion Ratio	Lower	Upper
180	100	
182	88.9	48.3 144.8
145	26.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#94

Hexachlorobutadiene

Concen: 0.719 ug/l

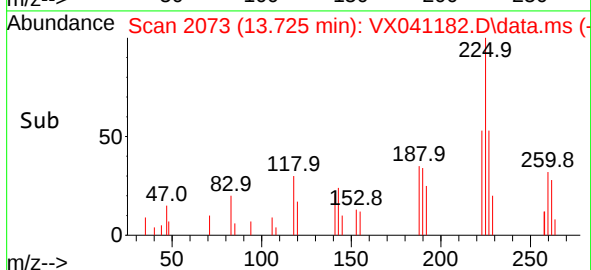
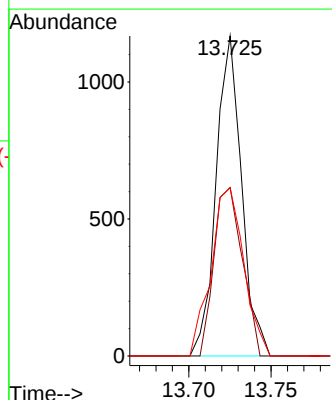
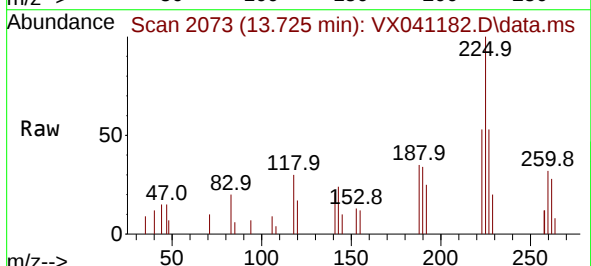
RT: 13.725 min Scan# 2073

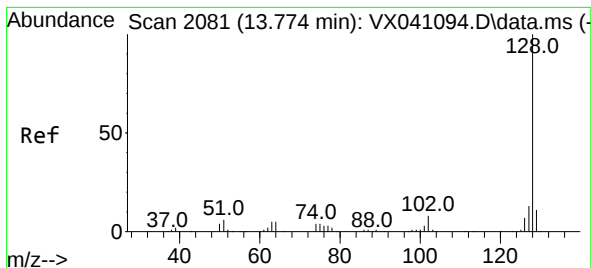
Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion:225	Resp:	1258
Ion Ratio	Lower	Upper
225	100	
223	58.7	31.1 93.2
227	67.6	32.5 97.5





#95

Naphthalene

Concen: 0.665 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

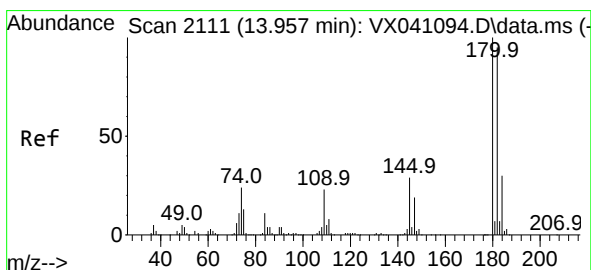
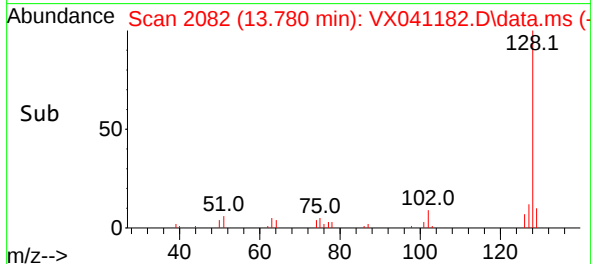
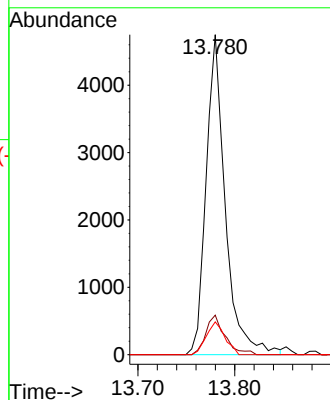
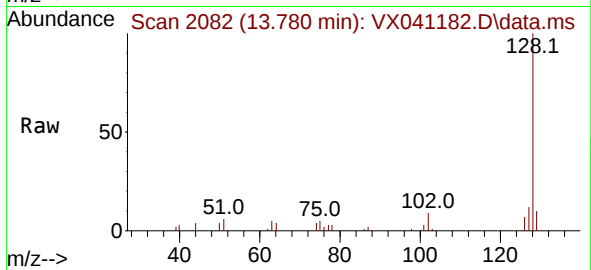
Tgt Ion:128	Resp:	6540
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.3 15.5
129	9.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.680 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041182.D

Acq: 22 Apr 2024 10:58

Tgt Ion:180	Resp:	2452
Ion Ratio	Lower	Upper
180	100	
182	92.1	46.9 140.6
145	29.6	17.8 53.5

