

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040737.D
 Acq On : 21 Mar 2024 10:28
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 02:01:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	45599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	77219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	4346	5.668	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.340%#		
35) Dibromofluoromethane	5.391	113	2880	4.984	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.960%#		
50) Toluene-d8	8.646	98	10501	5.308	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	11.079	95	4201	5.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.740%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2748	4.657	ug/l	86
3) Chloromethane	1.300	50	3234	5.358	ug/l	97
4) Vinyl Chloride	1.373	62	2849	4.985	ug/l #	87
5) Bromomethane	1.605	94	1996	5.181	ug/l	82
6) Chloroethane	1.690	64	2243	5.584	ug/l	93
7) Trichlorofluoromethane	1.892	101	4923	4.923	ug/l	97
8) Diethyl Ether	2.129	74	1559	4.850	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	2965	5.156	ug/l	97
10) Methyl Iodide	2.452	142	3816	5.012	ug/l	94
11) Tert butyl alcohol	2.946	59	2886	23.506	ug/l #	91
12) 1,1-Dichloroethene	2.324	96	2664	4.946	ug/l #	94
13) Acrolein	2.239	56	1852	25.489	ug/l	99
14) Allyl chloride	2.666	41	4661	4.829	ug/l	87
15) Acrylonitrile	3.062	53	7489	24.708	ug/l	97
16) Acetone	2.379	43	6954	25.606	ug/l	92
17) Carbon Disulfide	2.513	76	7378	4.769	ug/l #	92
18) Methyl Acetate	2.702	43	3558	4.888	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	9346	5.028	ug/l	98
20) Methylene Chloride	2.788	84	3078	5.185	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	2919	5.134	ug/l	97
22) Diisopropyl ether	3.757	45	9278	4.926	ug/l #	85
23) Vinyl Acetate	3.721	43	43707	24.548	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	5520	5.102	ug/l	96
25) 2-Butanone	4.556	43	10903	25.632	ug/l #	90
26) 2,2-Dichloropropane	4.489	77	4274	4.528	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	3365	5.109	ug/l	100
28) Bromochloromethane	4.885	49	2729	5.515	ug/l #	98
29) Tetrahydrofuran	5.013	42	6448	22.789	ug/l	98
30) Chloroform	5.086	83	5661	4.888	ug/l	100
31) Cyclohexane	5.464	56	4325	4.748	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	4625	4.646	ug/l	97
36) 1,1-Dichloropropene	5.690	75	3853	4.529	ug/l	97
37) Ethyl Acetate	4.714	43	4278	4.428	ug/l	98
38) Carbon Tetrachloride	5.671	117	4307	4.498	ug/l	92
39) Methylcyclohexane	7.378	83	4219	4.476	ug/l	92
40) Benzene	6.037	78	10930	4.653	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Mar 22 02:01:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2305	4.654	ug/l	95
42) 1,2-Dichloroethane	6.086	62	4348	4.574	ug/l	97
43) Isopropyl Acetate	6.342	43	6493	4.280	ug/l	96
44) Trichloroethene	7.128	130	2611	4.637	ug/l	95
45) 1,2-Dichloropropane	7.427	63	2535	4.599	ug/l	99
46) Dibromomethane	7.580	93	1993	4.566	ug/l	100
47) Bromodichloromethane	7.823	83	4059	4.551	ug/l #	93
48) Methyl methacrylate	7.695	41	2870	4.139	ug/l #	83
49) 1,4-Dioxane	7.659	88	1030	88.022	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	21250	22.588	ug/l	96
52) Toluene	8.720	92	6101	4.355	ug/l	85
53) t-1,3-Dichloropropene	8.976	75	4012	4.348	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	4004	4.196	ug/l #	94
55) 1,1,2-Trichloroethane	9.152	97	2571	4.506	ug/l #	88
56) Ethyl methacrylate	9.116	69	4031	4.227	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	4522	4.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	10624	21.226	ug/l	95
59) 2-Hexanone	9.427	43	15944	21.878	ug/l	93
60) Dibromochloromethane	9.518	129	2885	4.303	ug/l	99
61) 1,2-Dibromoethane	9.610	107	2682	4.452	ug/l	99
64) Tetrachloroethene	9.274	164	2356	4.178	ug/l	93
65) Chlorobenzene	10.079	112	8167	4.756	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	2510	4.296	ug/l	95
67) Ethyl Benzene	10.195	91	13993	4.550	ug/l	98
68) m/p-Xylenes	10.299	106	10068	8.942	ug/l	89
69) o-Xylene	10.640	106	5143	4.755	ug/l	98
70) Styrene	10.658	104	8283	4.575	ug/l	100
71) Bromoform	10.799	173	2060	4.317	ug/l #	98
73) Isopropylbenzene	10.963	105	13360	5.022	ug/l	98
74) N-amyl acetate	10.841	43	6035	4.607	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	4772	5.298	ug/l	91
76) 1,2,3-Trichloropropane	11.237	75	4077m	5.388	ug/l	
77) Bromobenzene	11.201	156	3404	5.286	ug/l	93
78) n-propylbenzene	11.305	91	16670	5.082	ug/l	96
79) 2-Chlorotoluene	11.365	91	10025	5.297	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	11103	4.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1236	4.146	ug/l #	89
82) 4-Chlorotoluene	11.457	91	12152	5.119	ug/l	100
83) tert-Butylbenzene	11.713	119	10768	4.814	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	10704	4.769	ug/l	98
85) sec-Butylbenzene	11.890	105	13220	4.648	ug/l	97
86) p-Isopropyltoluene	12.006	119	10496	4.450	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	6045	4.916	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	6278	4.807	ug/l	97
89) n-Butylbenzene	12.329	91	10452	4.394	ug/l	94
90) Hexachloroethane	12.536	117	1729	4.210	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	5812	4.811	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	904	4.020	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	3874	4.512	ug/l	96
94) Hexachlorobutadiene	13.725	225	1650	4.875	ug/l	95
95) Naphthalene	13.774	128	11447	4.214	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	3917	4.643	ug/l	95

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

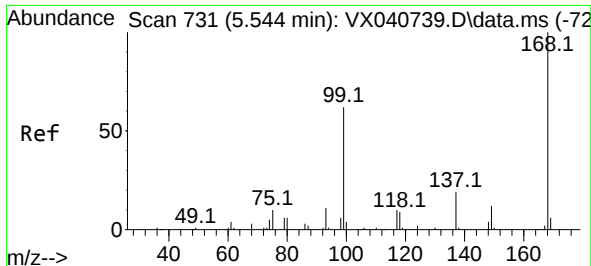
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 02:01:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 01:58:09 2024
Response via : Initial Calibration

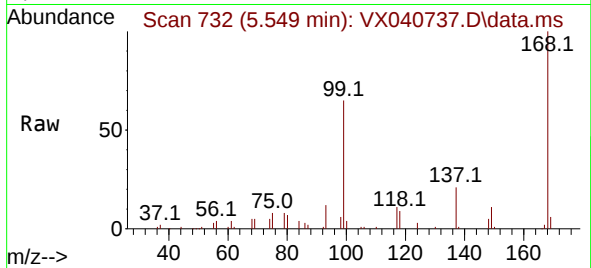
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

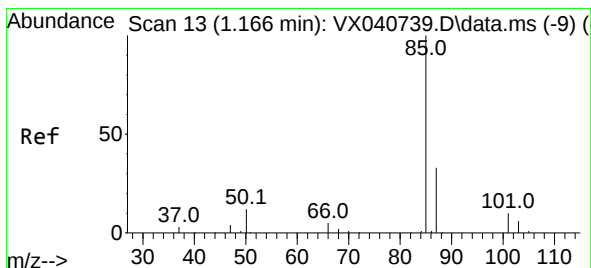
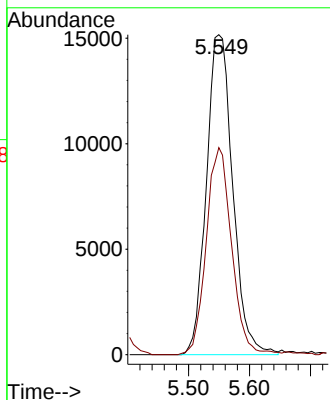
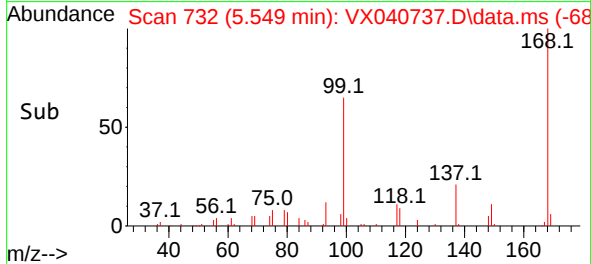
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 45599
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0

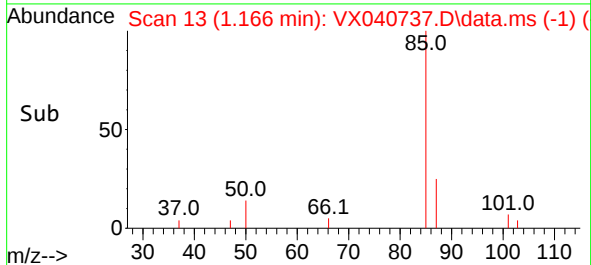
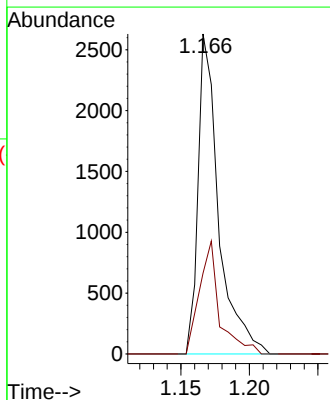
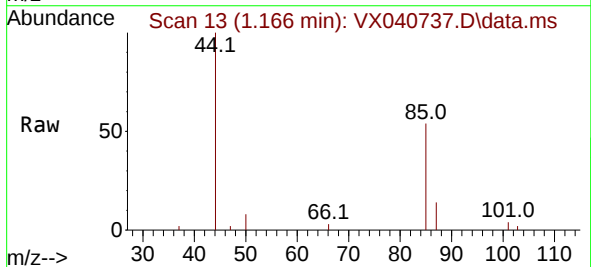
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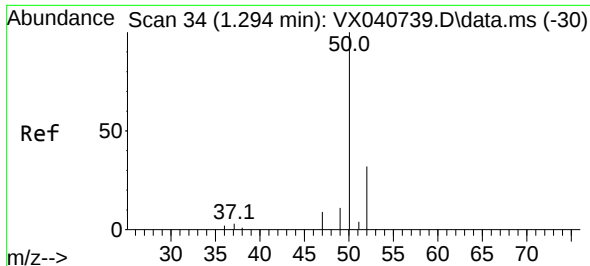
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#2
Dichlorodifluoromethane
Concen: 4.657 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 85 Resp: 2748
Ion Ratio Lower Upper
85 100
87 25.2 16.7 50.1





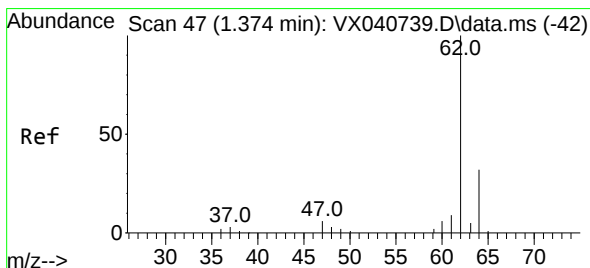
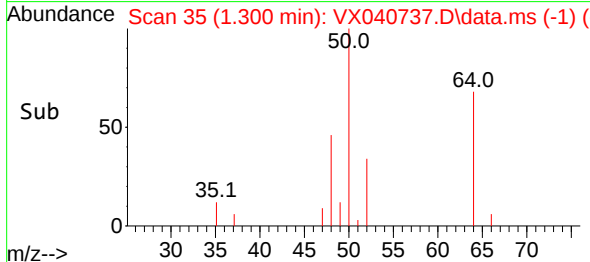
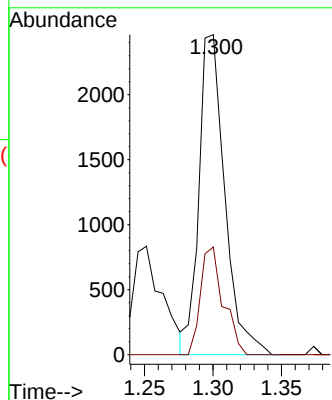
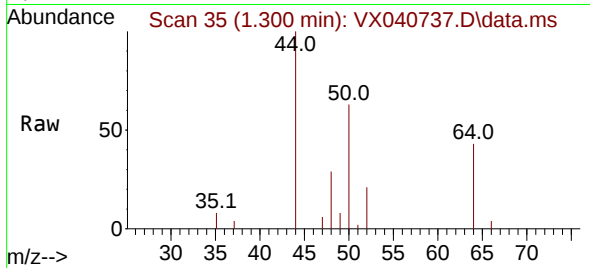
#3
Chloromethane
Concen: 5.358 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 3234
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

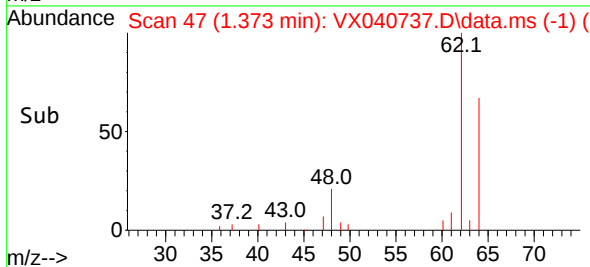
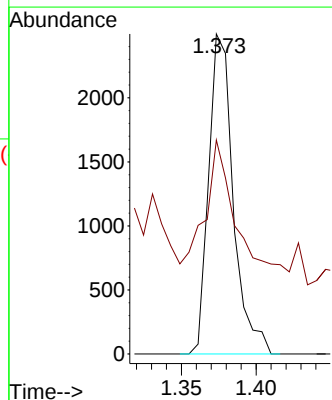
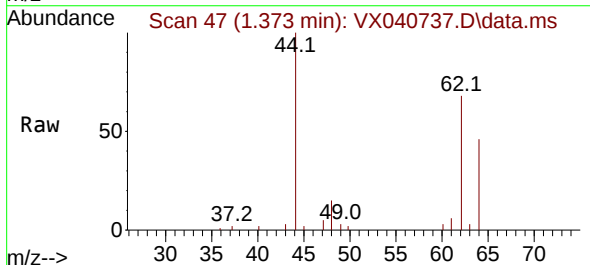
Manual Integrations
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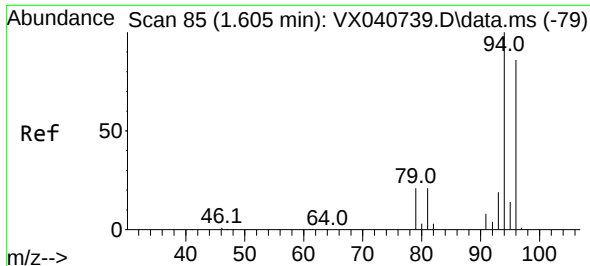
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#4
Vinyl Chloride
Concen: 4.985 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

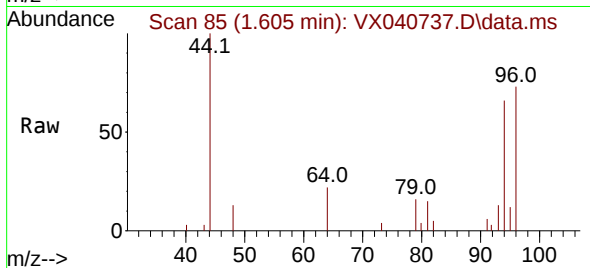
Tgt Ion: 62 Resp: 2849
Ion Ratio Lower Upper
62 100
64 39.0 25.4 38.0#





#5
Bromomethane
Concen: 5.181 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

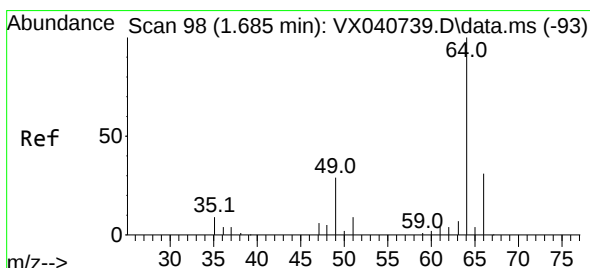
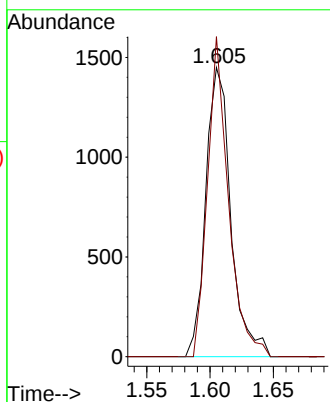
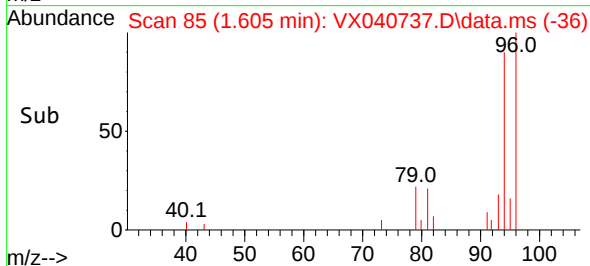
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1990
Ion Ratio Lower Upper
94 100
96 110.7 74.6 111.8

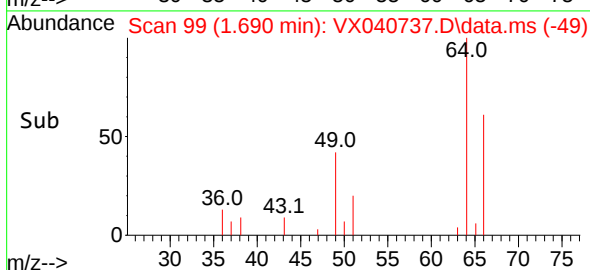
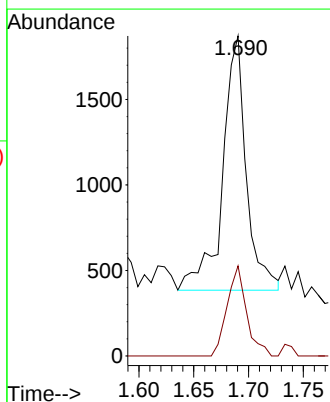
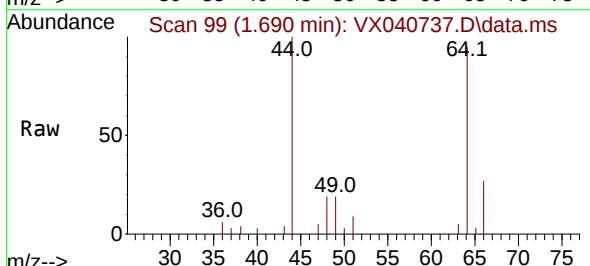
Manual Integrations
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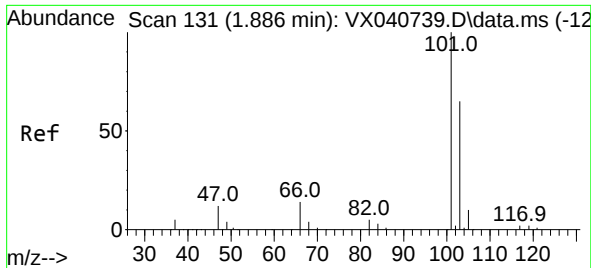
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#6
Chloroethane
Concen: 5.584 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 64 Resp: 2243
Ion Ratio Lower Upper
64 100
66 35.5 25.1 37.7





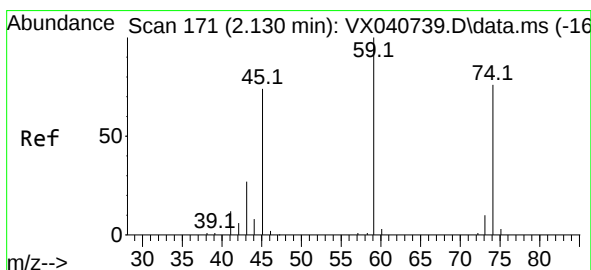
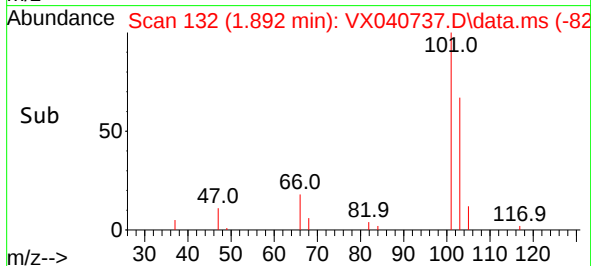
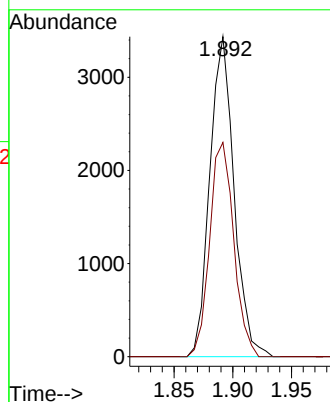
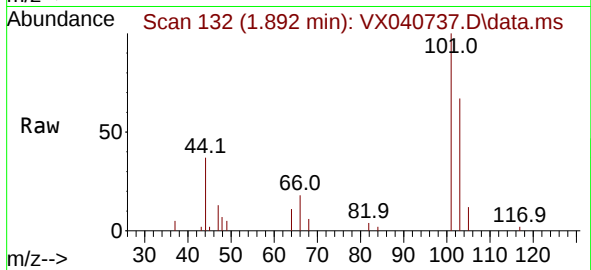
#7
Trichlorofluoromethane
Concen: 4.923 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 492
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.2

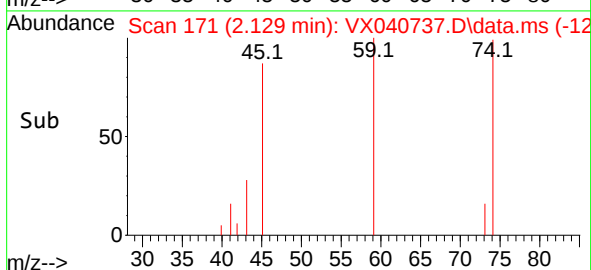
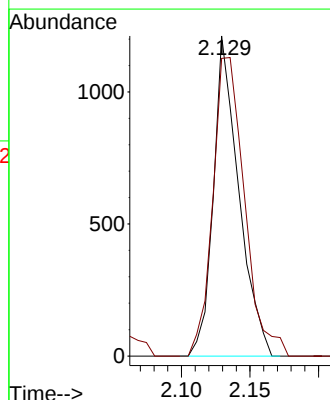
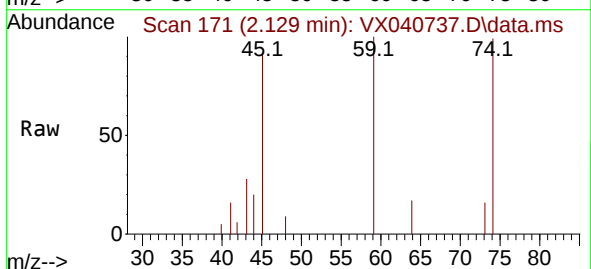
Manual Integrations
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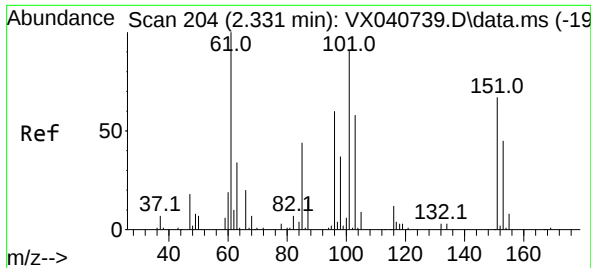
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#8
Diethyl Ether
Concen: 4.850 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 74 Resp: 1559
Ion Ratio Lower Upper
74 100
45 116.5 53.3 159.8





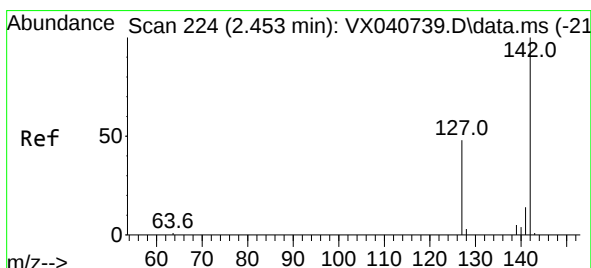
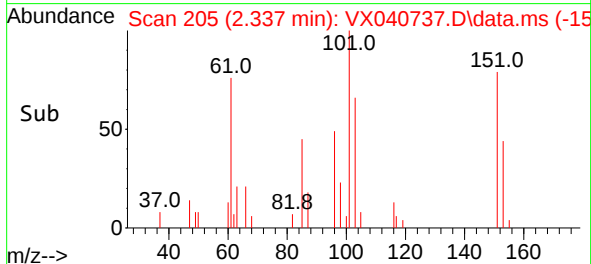
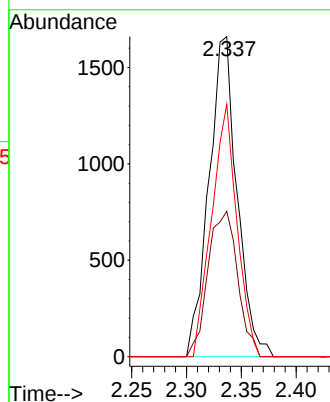
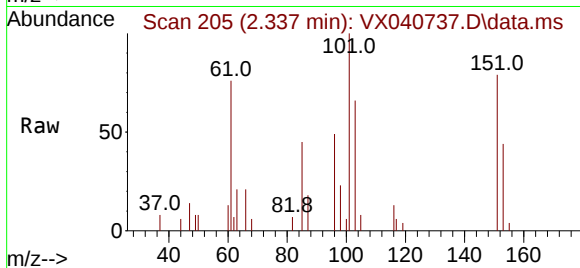
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.156 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 296
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 70.9 58.6 87.8

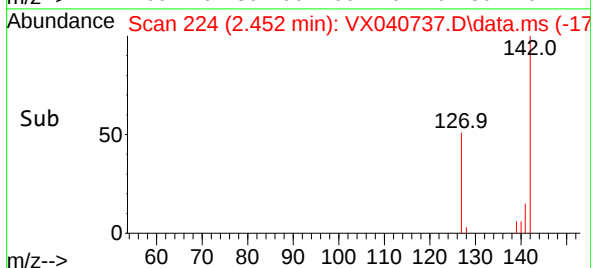
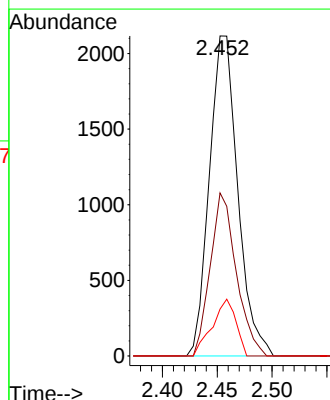
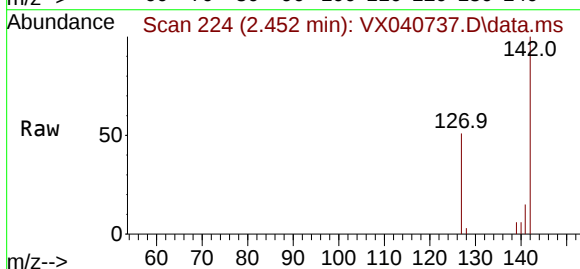
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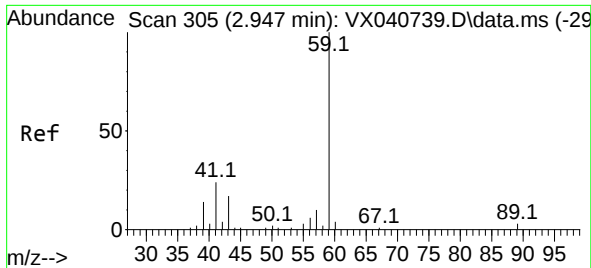
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#10
Methyl Iodide
Concen: 5.012 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion:142 Resp: 3816
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.8 11.6 17.4





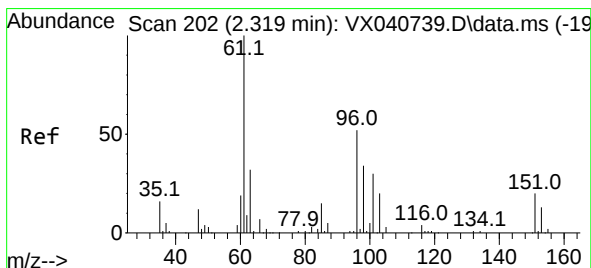
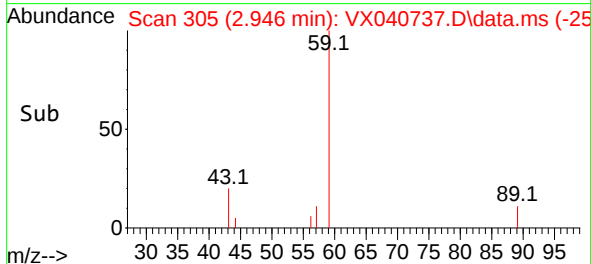
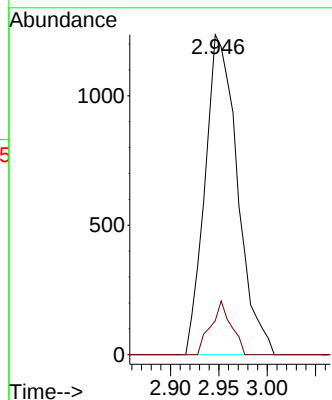
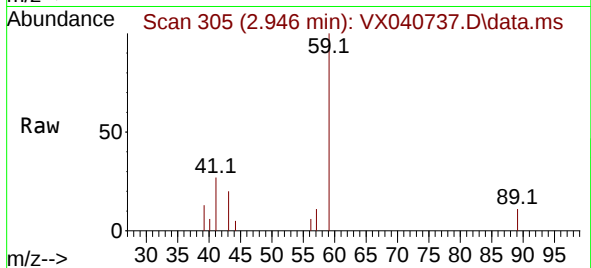
#11
Tert butyl alcohol
Concen: 23.506 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.001 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2880
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

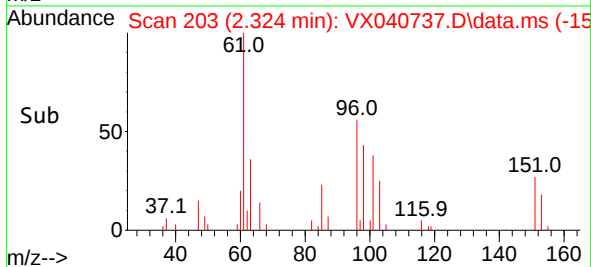
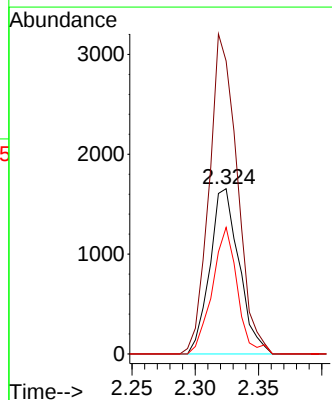
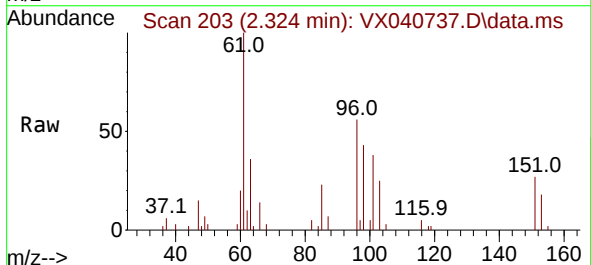
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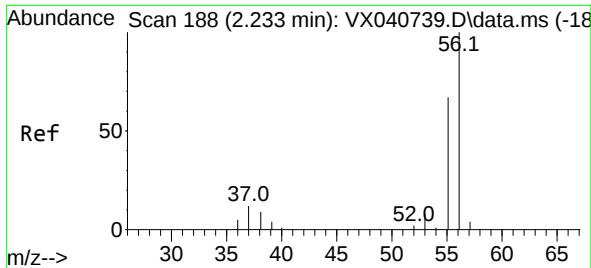
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#12
1,1-Dichloroethene
Concen: 4.946 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 96 Resp: 2664
Ion Ratio Lower Upper
96 100
61 177.2 144.6 216.8
98 76.5 50.4 75.6





#13

Acrolein

Concen: 25.489 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

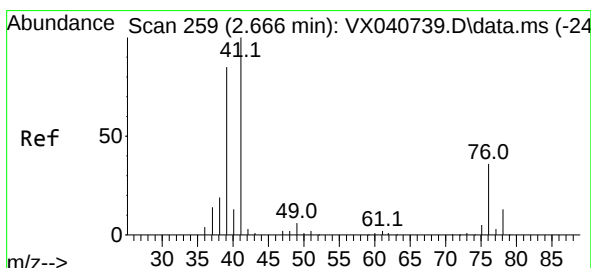
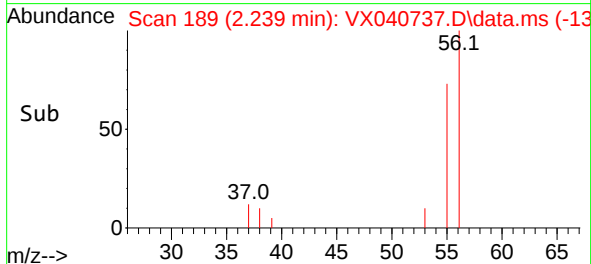
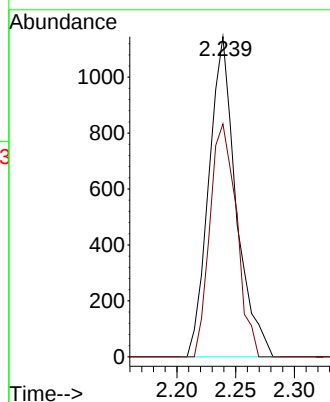
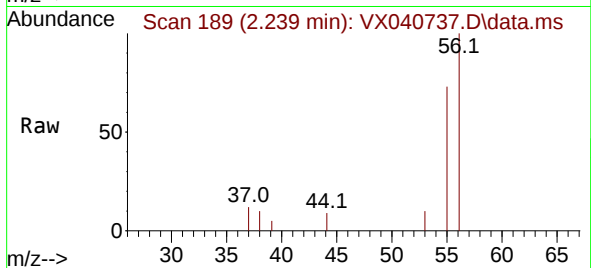
55 70.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#14

Allyl chloride

Concen: 4.829 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

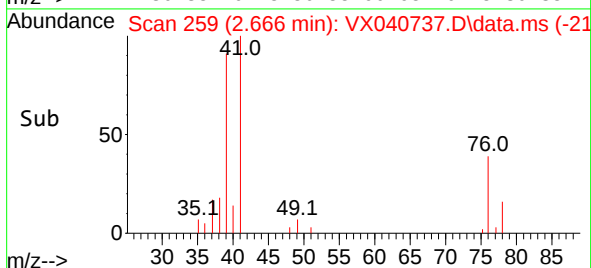
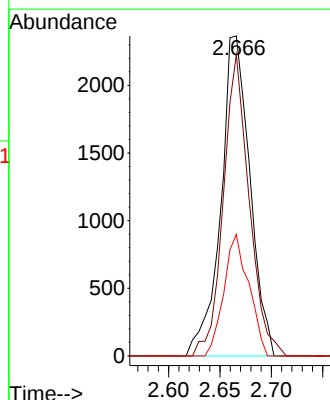
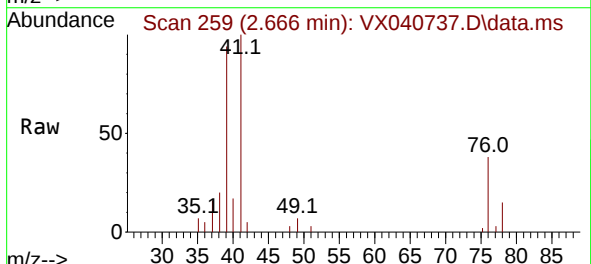
Tgt Ion: 41 Resp: 4661

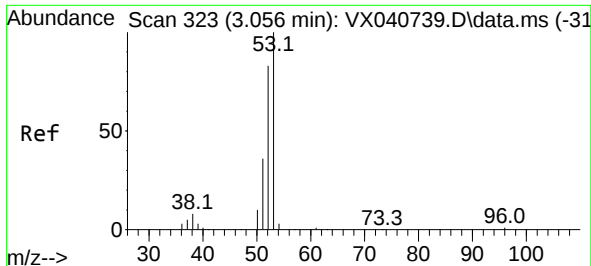
Ion Ratio Lower Upper

41 100

39 83.5 55.8 83.6

76 32.5 24.3 36.5





#15

Acrylonitrile

Concen: 24.708 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

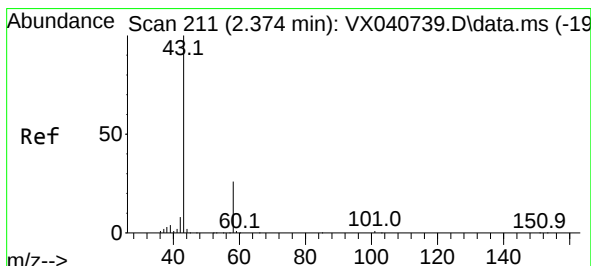
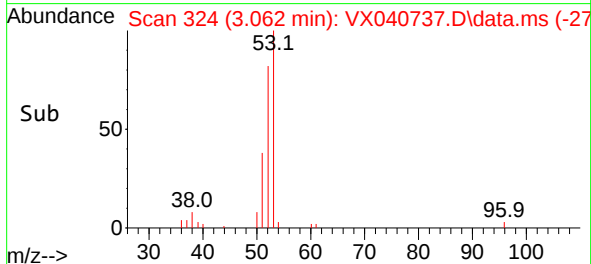
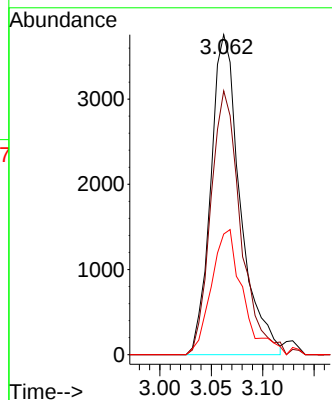
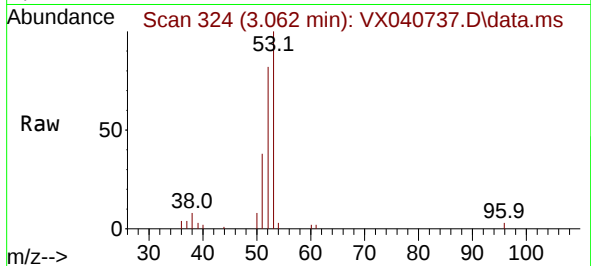
Tgt Ion: 53	Resp: 7489
Ion Ratio	Lower Upper
53 100	
52 83.9	66.0 99.0
51 41.8	29.8 44.6

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#16

Acetone

Concen: 25.606 ug/l

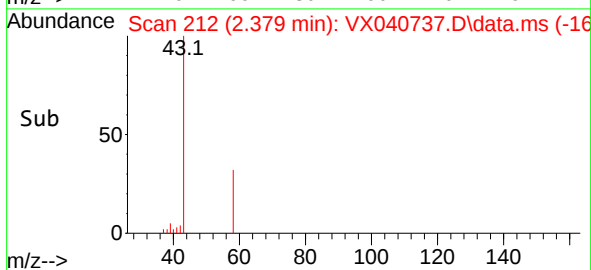
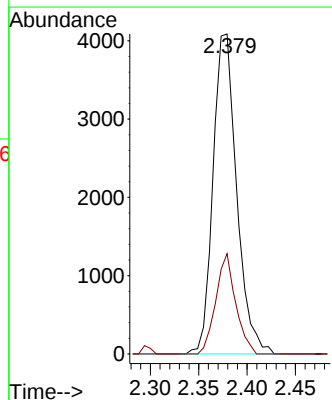
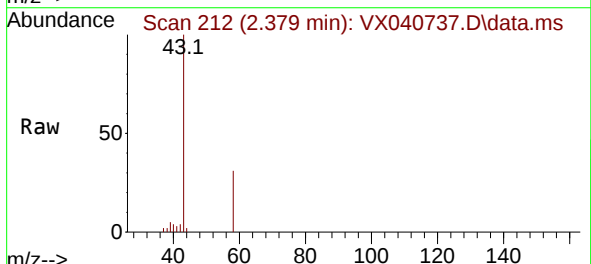
RT: 2.379 min Scan# 212

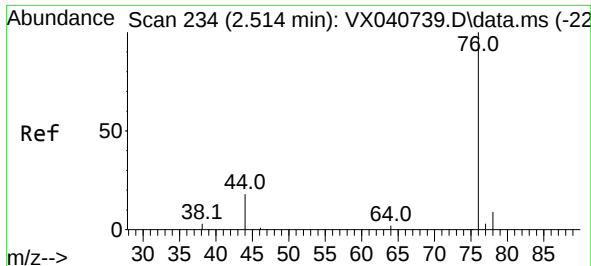
Delta R.T. 0.005 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

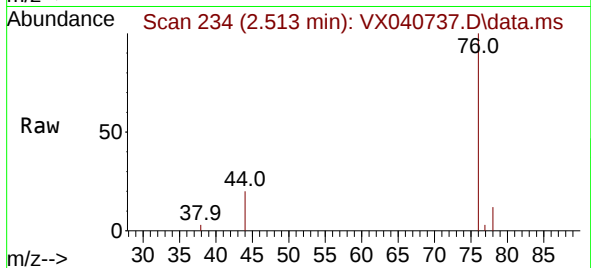
Tgt Ion: 43	Resp: 6954
Ion Ratio	Lower Upper
43 100	
58 31.3	21.9 32.9





#17
Carbon Disulfide
Concen: 4.769 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

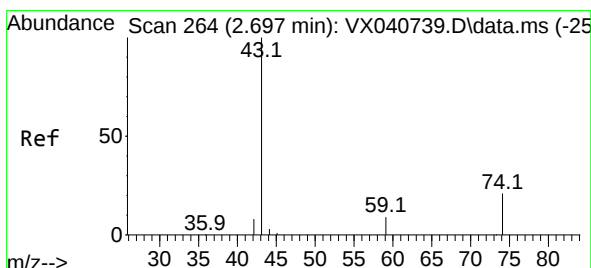
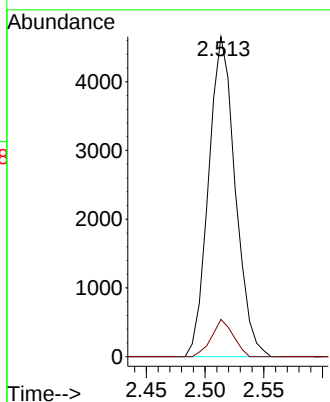
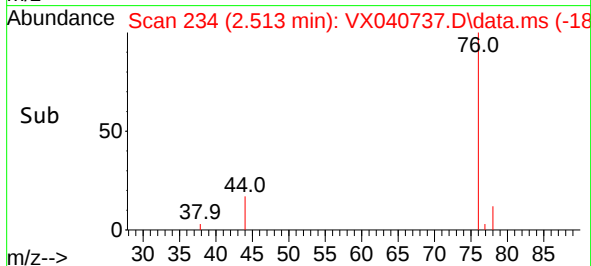
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



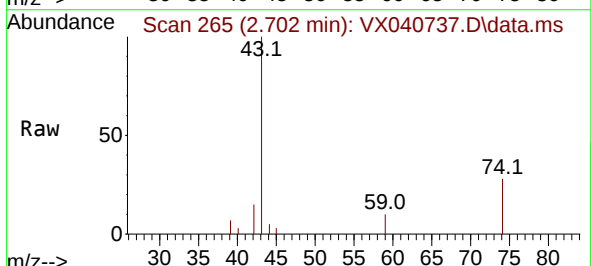
Tgt Ion: 76 Resp: 7378
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.6

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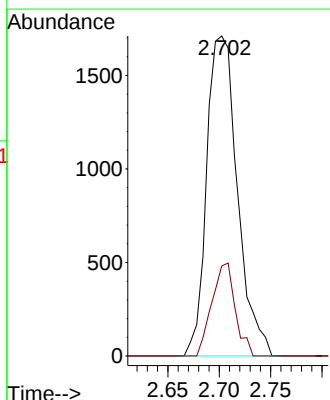
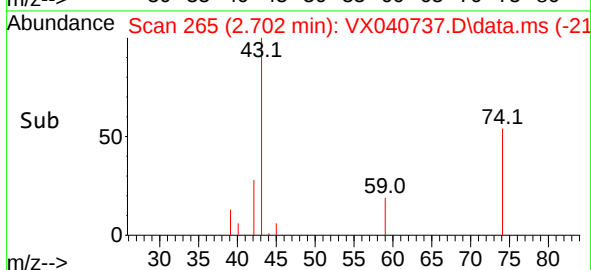
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

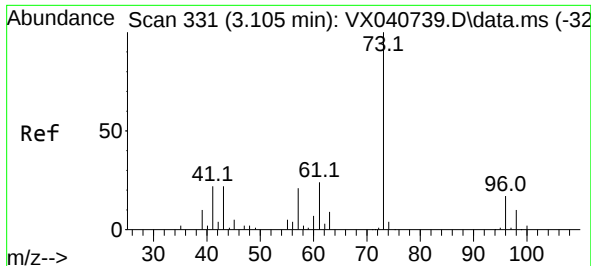


#18
Methyl Acetate
Concen: 4.888 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.005 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28



Tgt Ion: 43 Resp: 3558
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





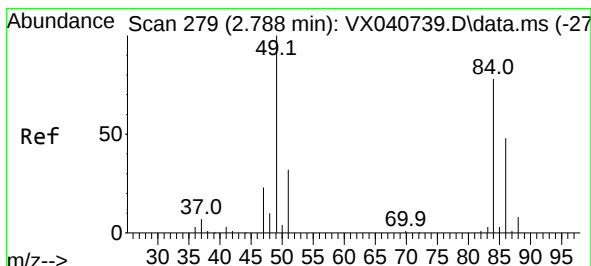
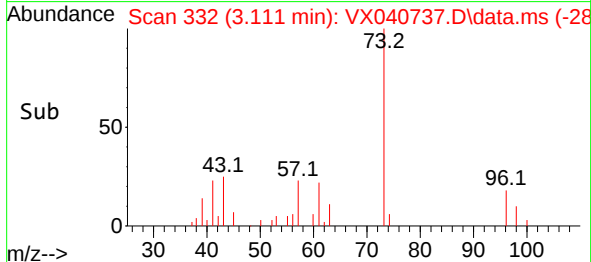
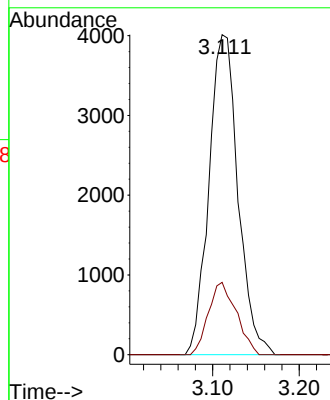
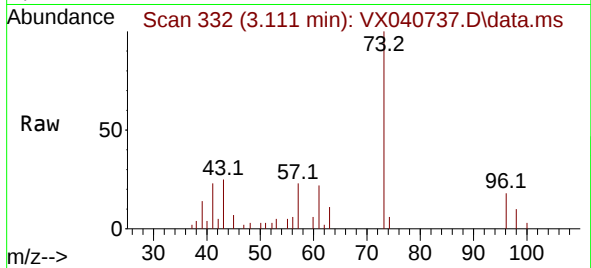
#19
Methyl tert-butyl Ether
Concen: 5.028 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 9340
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

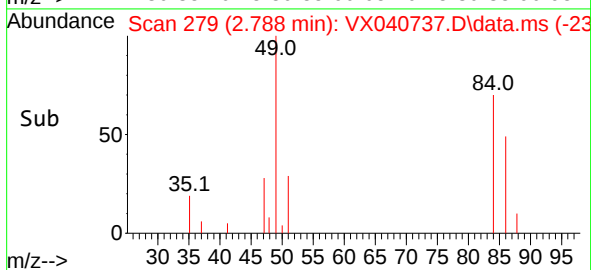
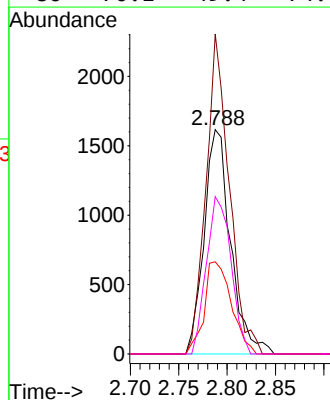
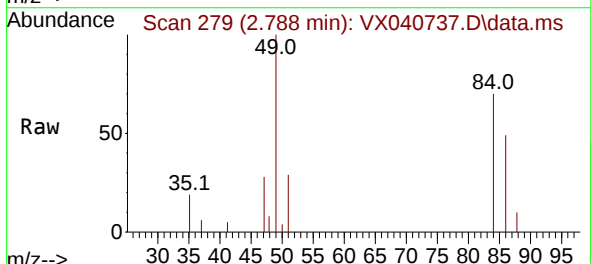
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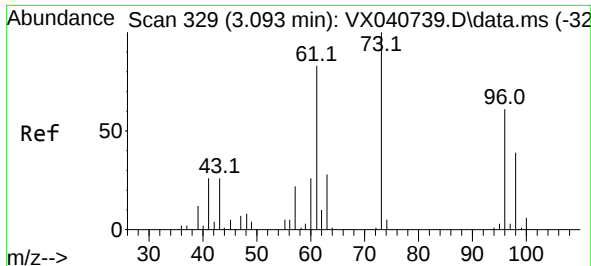
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#20
Methylene Chloride
Concen: 5.185 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 84 Resp: 3078
Ion Ratio Lower Upper
84 100
49 142.6 103.6 155.4
51 41.1 33.8 50.6
86 70.1 49.4 74.0





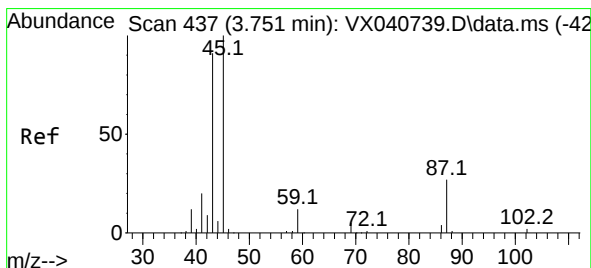
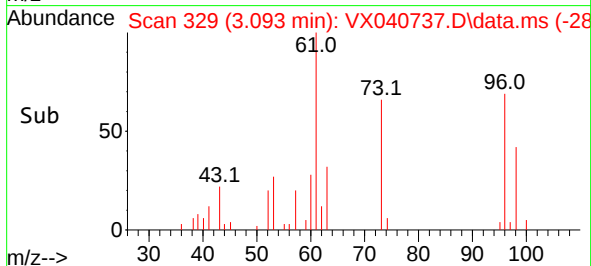
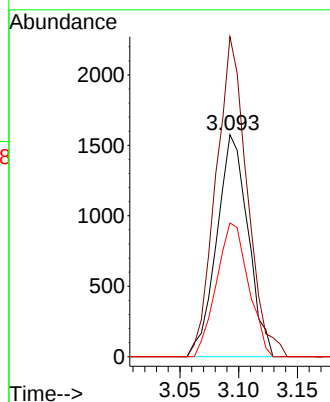
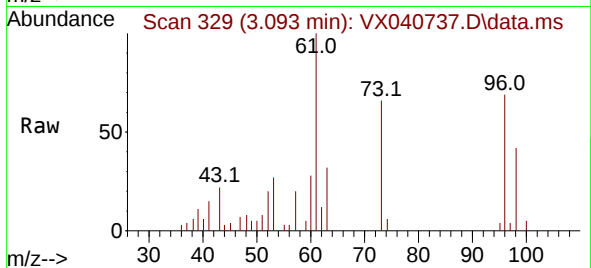
#21
trans-1,2-Dichloroethene
Concen: 5.134 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 2919
Ion Ratio Lower Upper
96 100
61 144.2 119.2 178.8
98 60.3 48.7 73.1

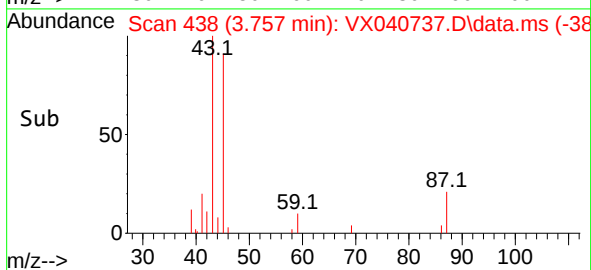
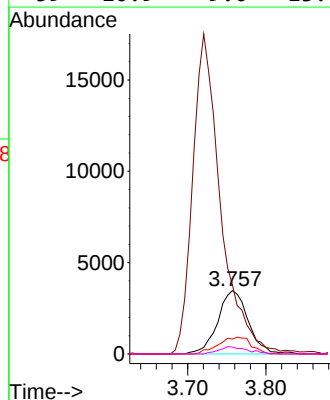
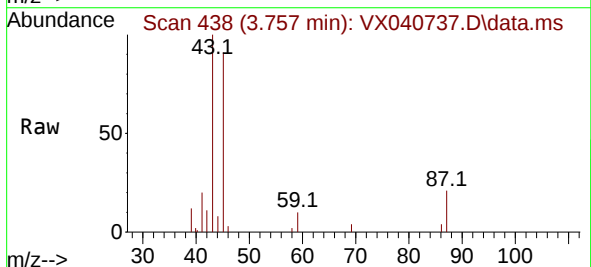
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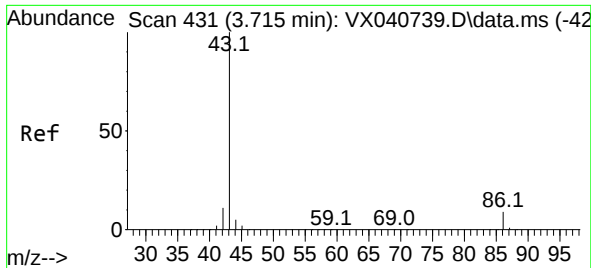
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#22
Diisopropyl ether
Concen: 4.926 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 45 Resp: 9278
Ion Ratio Lower Upper
45 100
43 105.1 69.7 104.5#
87 23.5 20.8 31.2
59 10.9 9.0 13.4





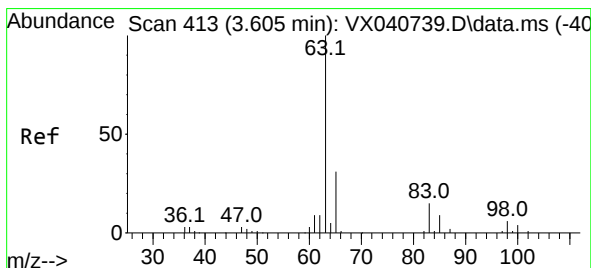
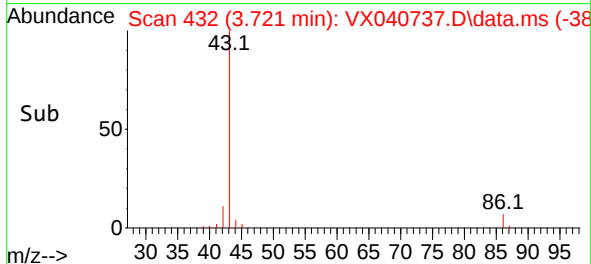
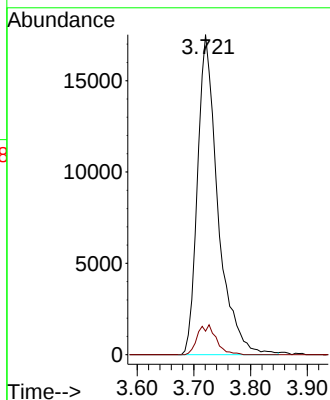
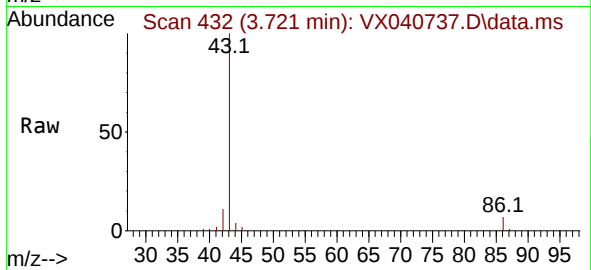
#23
 Vinyl Acetate
 Concen: 24.548 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040737.D
 Acq: 21 Mar 2024 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 4370
 Ion Ratio Lower Upper
 43 100
 86 7.4 7.8 11.8

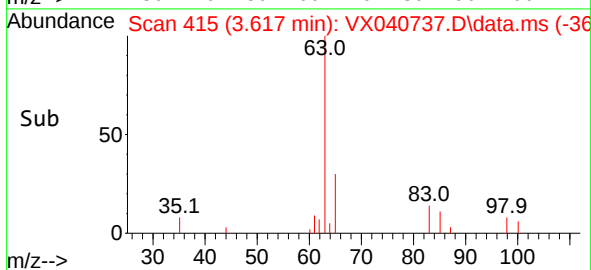
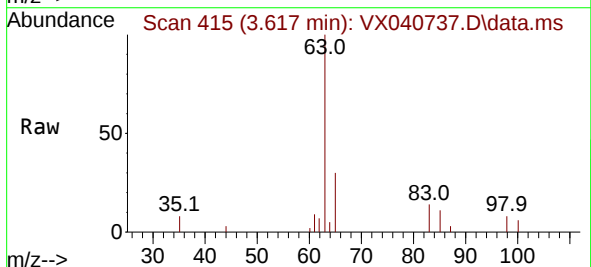
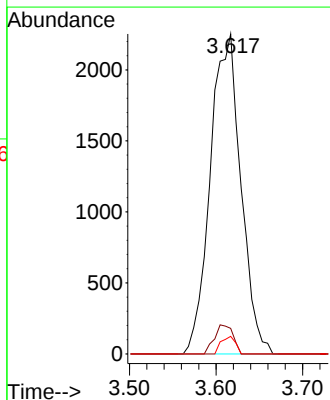
Manual Integrations
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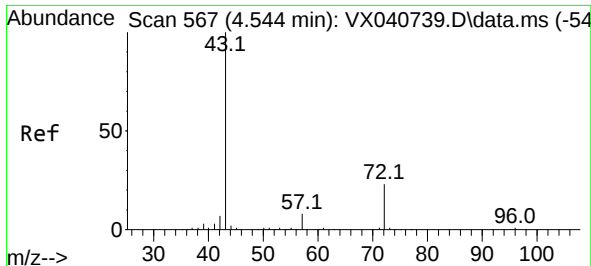
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#24
 1,1-Dichloroethane
 Concen: 5.102 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX040737.D
 Acq: 21 Mar 2024 10:28

Tgt Ion: 63 Resp: 5520
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 5.5 2.1 6.5





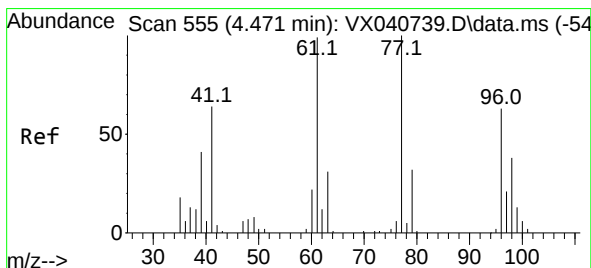
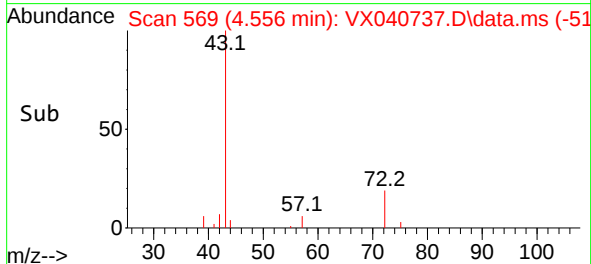
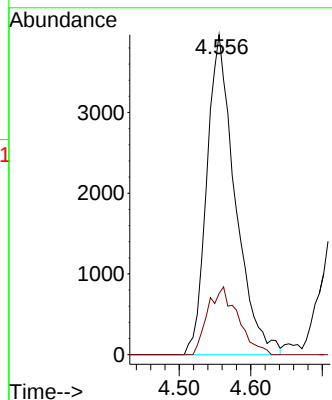
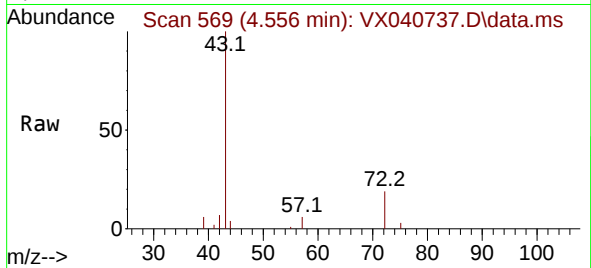
#25
2-Butanone
Concen: 25.632 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
72 19.1 19.4 29.2

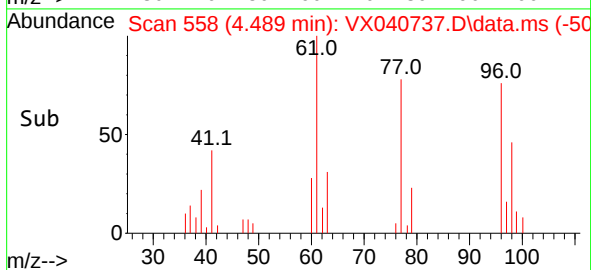
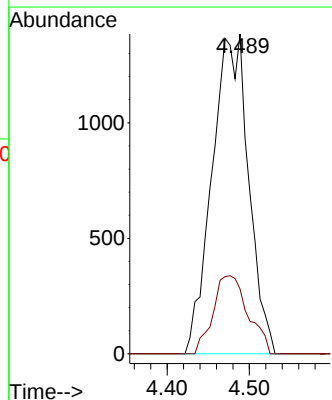
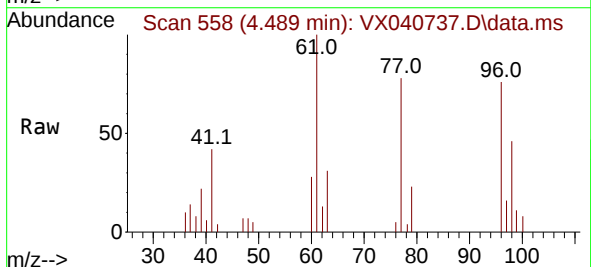
Manual Integrations
APPROVED

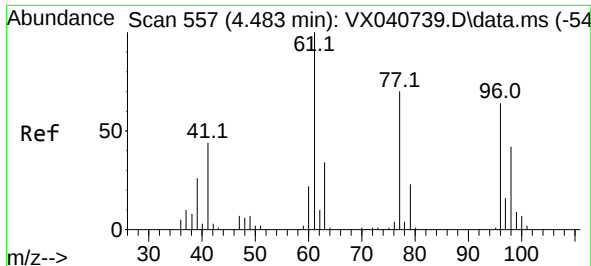
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#26
2,2-Dichloropropane
Concen: 4.528 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.018 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 77 Resp: 4274
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





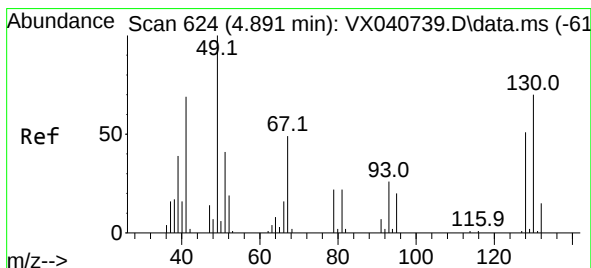
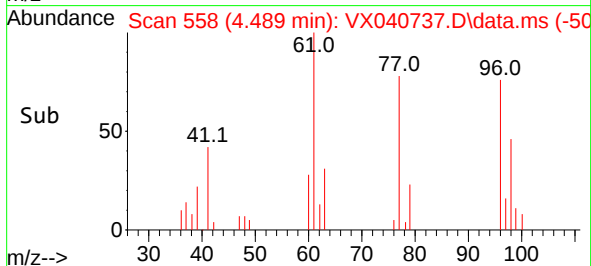
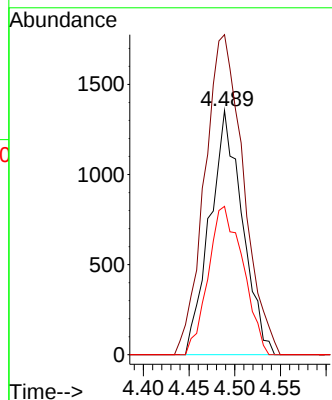
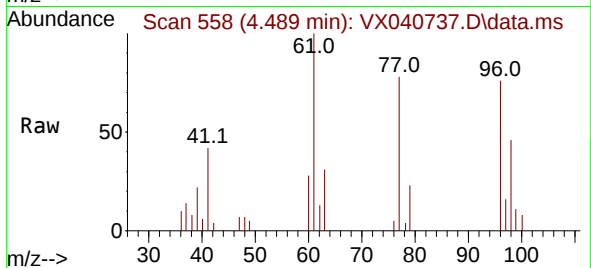
#27
cis-1,2-Dichloroethene
Concen: 5.109 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 336
Ion Ratio Lower Upper
96 100
61 155.8 0.0 312.2
98 64.9 0.0 129.0

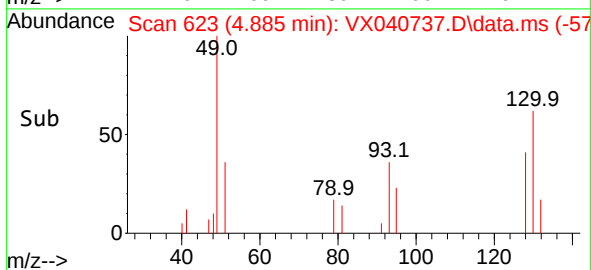
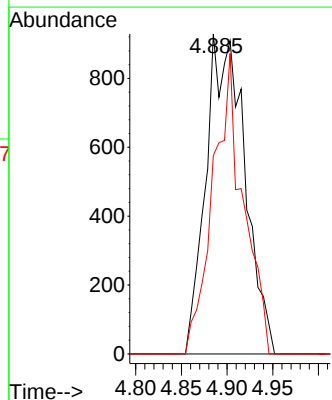
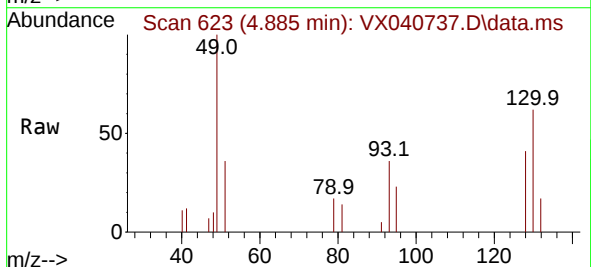
Manual Integrations
APPROVED

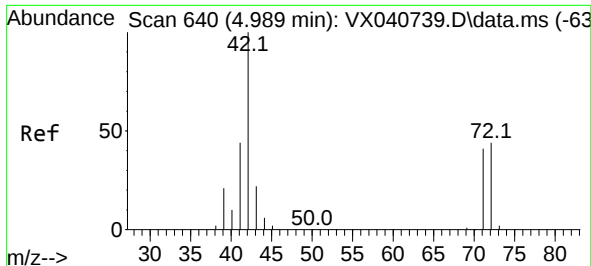
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#28
Bromochloromethane
Concen: 5.515 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 49 Resp: 2729
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 73.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 22.789 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

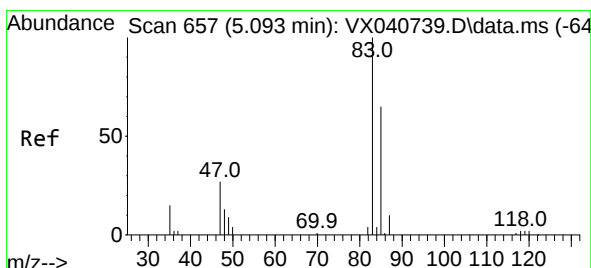
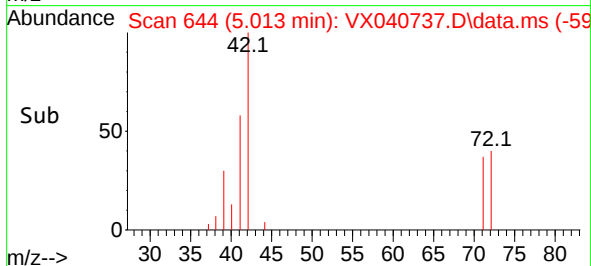
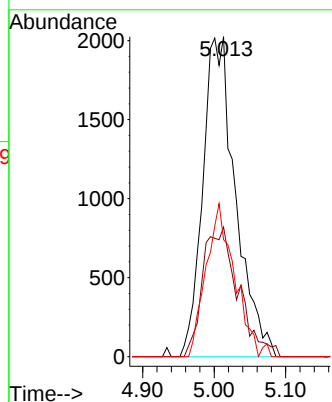
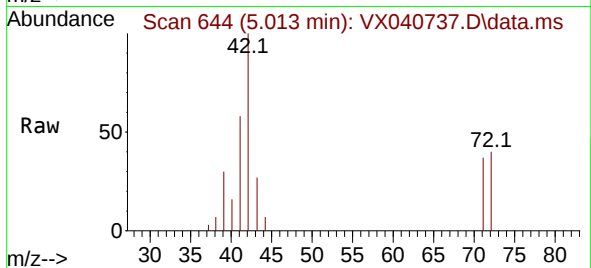
Tgt Ion:	42	Resp:	644
Ion Ratio	Lower	Upper	
42	100		
72	43.7	34.2	51.4
71	41.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#30

Chloroform

Concen: 4.888 ug/l

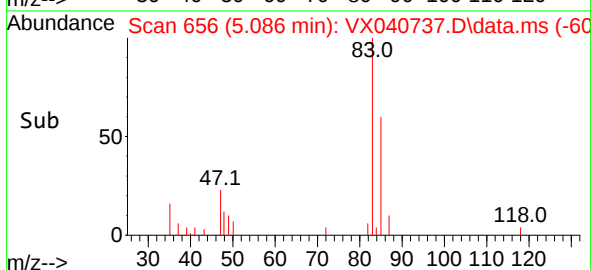
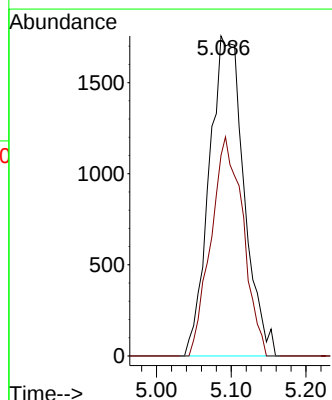
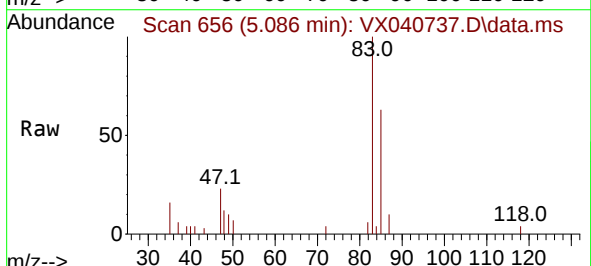
RT: 5.086 min Scan# 656

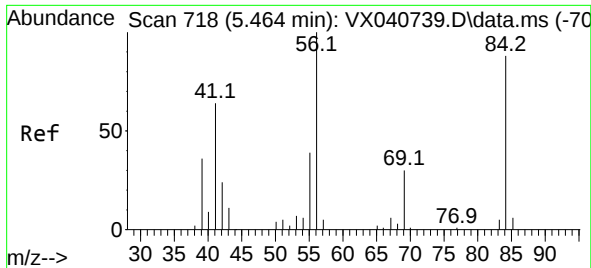
Delta R.T. -0.007 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

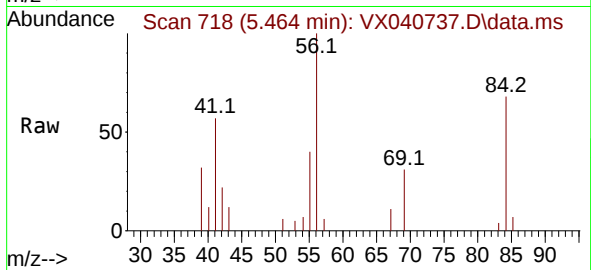
Tgt Ion:	83	Resp:	5661
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.3	75.5





#31
Cyclohexane
Concen: 4.748 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

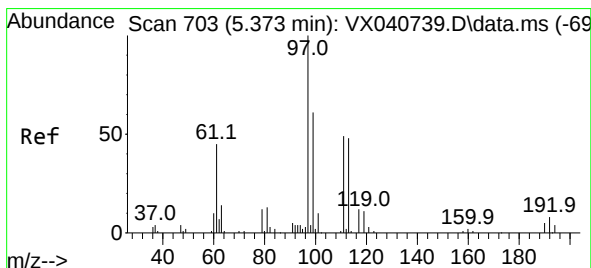
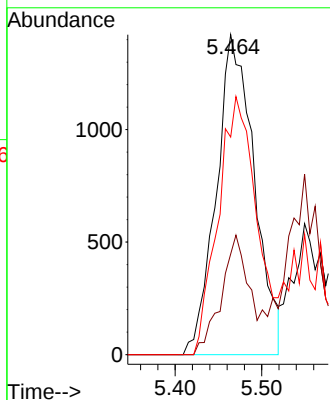
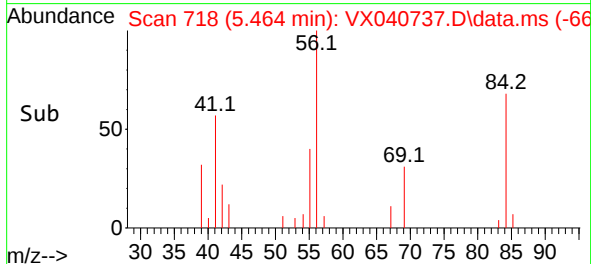
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



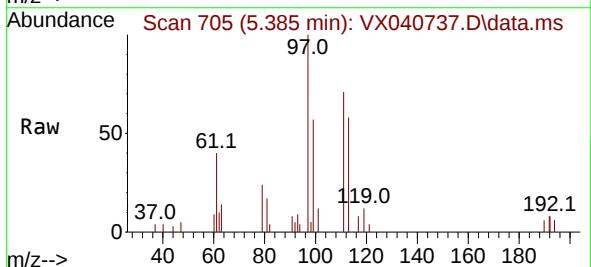
Tgt Ion: 56 Resp: 4325
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 68.0 65.9 98.9

Manual Integrations
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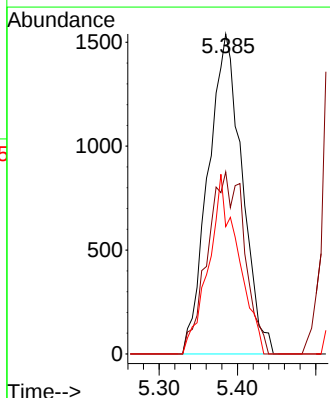
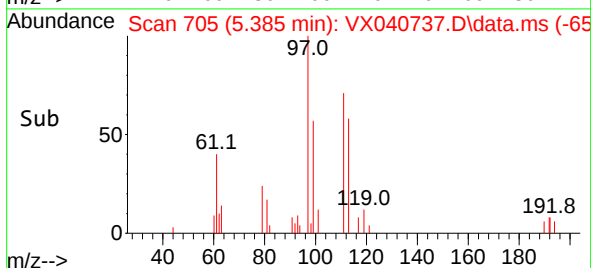
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

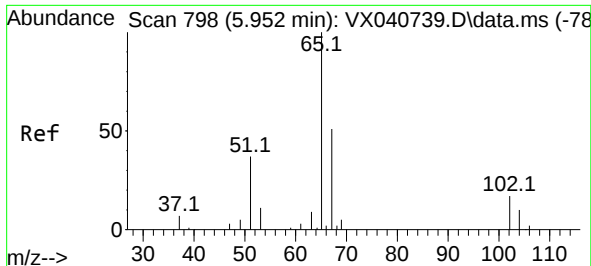


#32
1,1,1-Trichloroethane
Concen: 4.646 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28



Tgt Ion: 97 Resp: 4625
Ion Ratio Lower Upper
97 100
99 62.3 51.1 76.7
61 48.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.668 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 4340

Ion Ratio Lower Upper

65 100

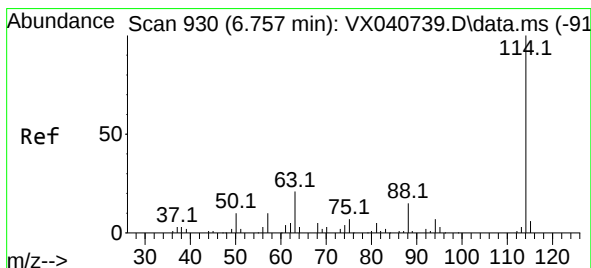
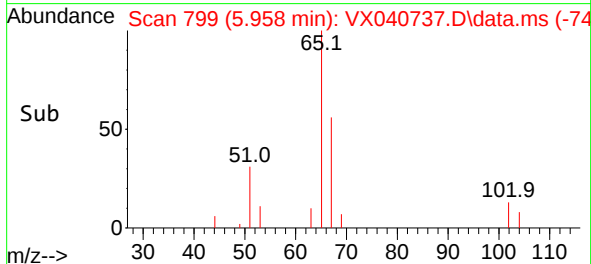
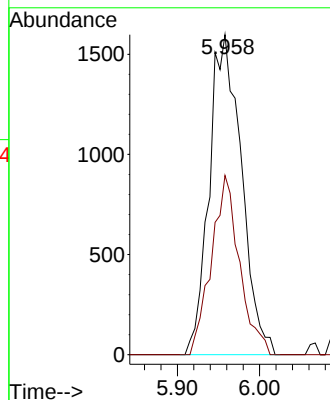
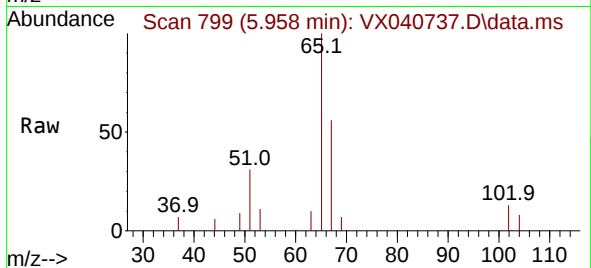
67 48.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

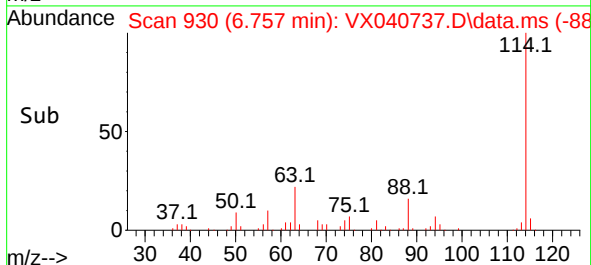
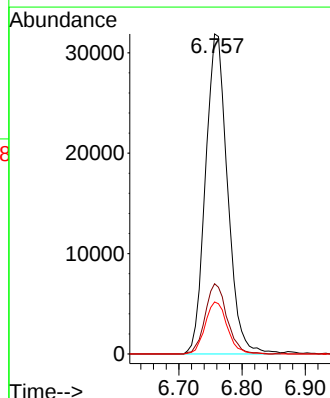
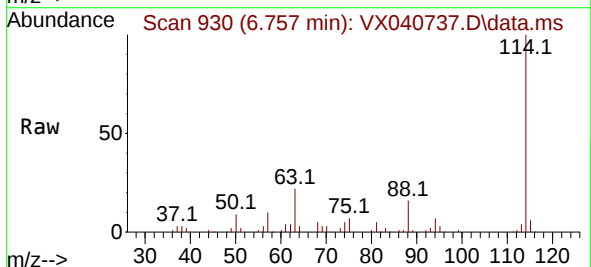
Tgt Ion:114 Resp: 77219

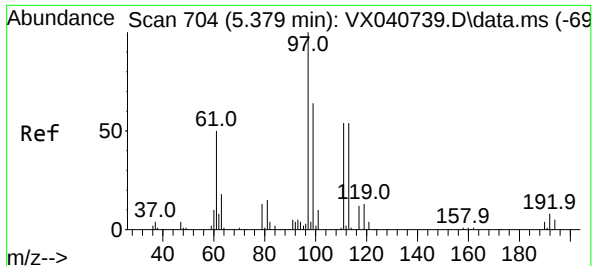
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 4.984 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 113 Resp: 2880

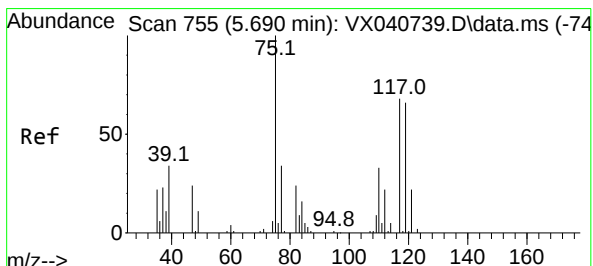
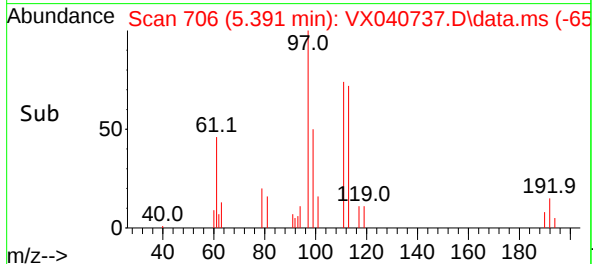
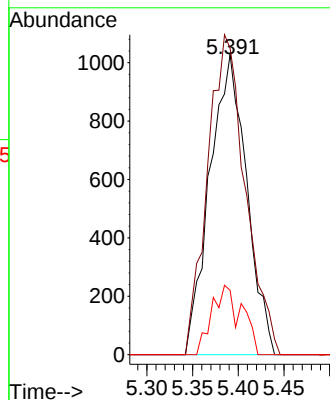
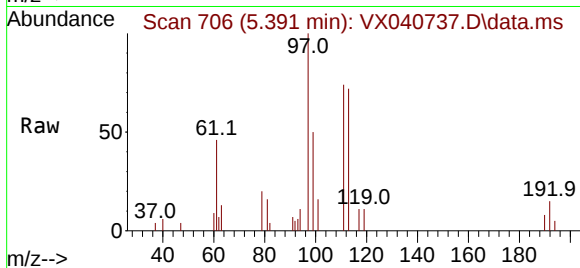
Ion	Ratio	Lower	Upper
113	100		
111	108.9	82.9	124.3
192	18.6	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 5.690 min Scan# 755

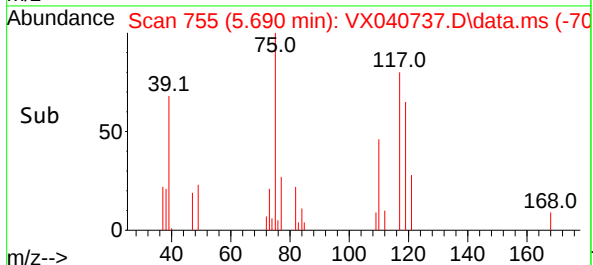
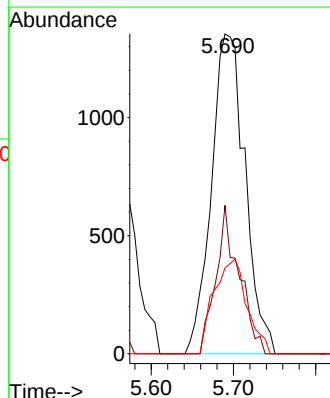
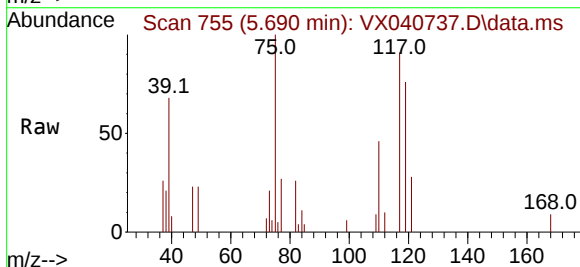
Delta R.T. -0.000 min

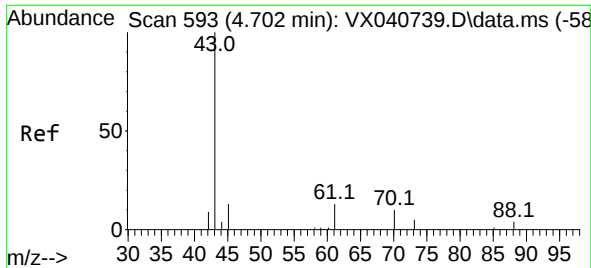
Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion: 75 Resp: 3853

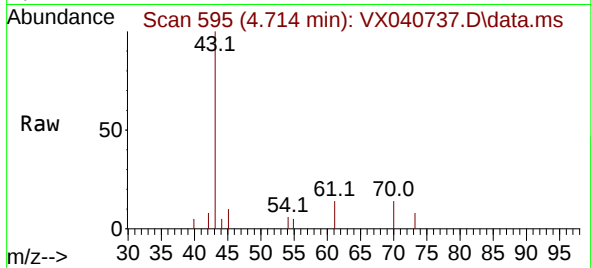
Ion	Ratio	Lower	Upper
75	100		
110	32.1	17.0	50.9
77	29.0	24.7	37.1





#37
Ethyl Acetate
Concen: 4.428 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

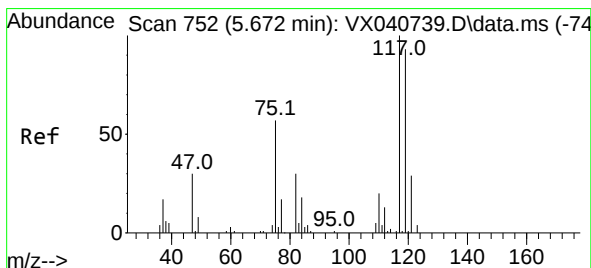
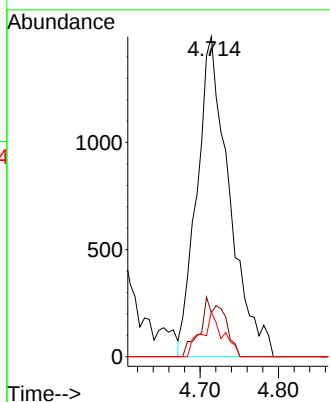
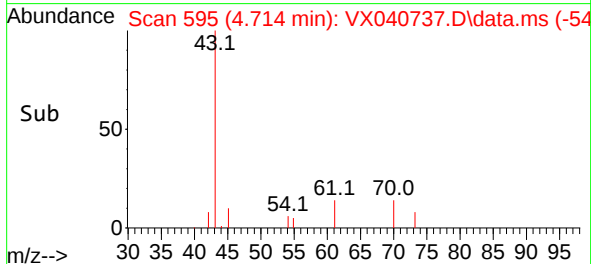
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 4278
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 9.2 8.3 12.5

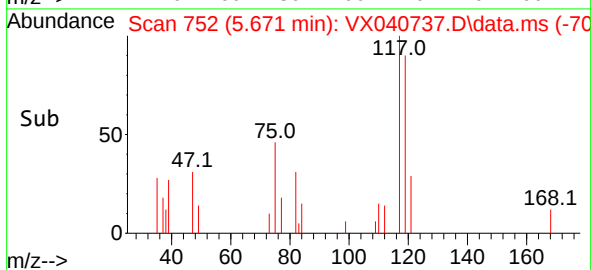
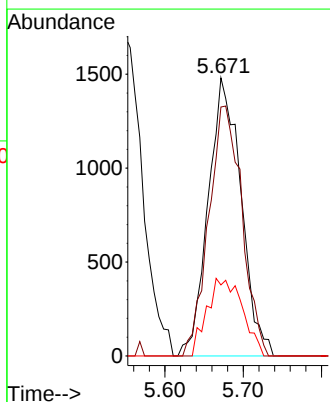
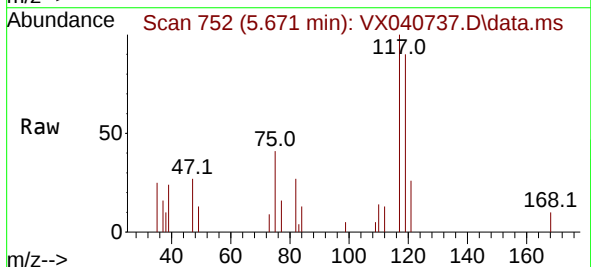
Manual Integrations
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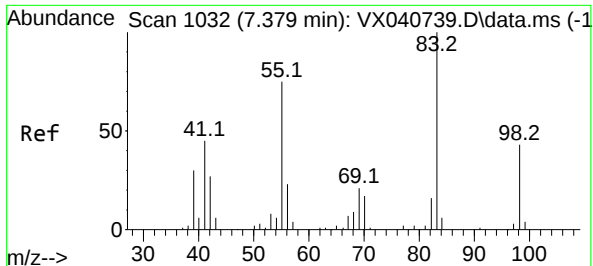
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#38
Carbon Tetrachloride
Concen: 4.498 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion:117 Resp: 4307
Ion Ratio Lower Upper
117 100
119 89.5 78.2 117.2
121 25.5 24.4 36.6





#39
Methylcyclohexane
Concen: 4.476 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

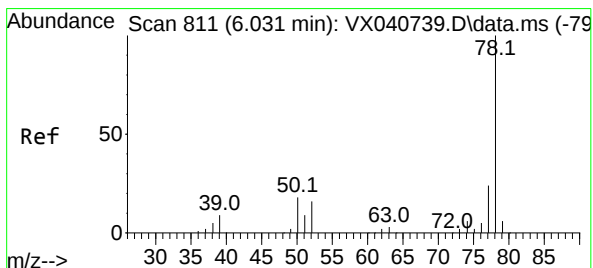
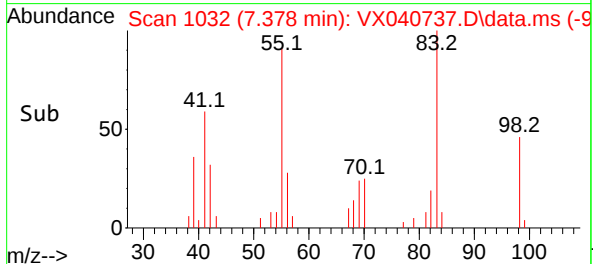
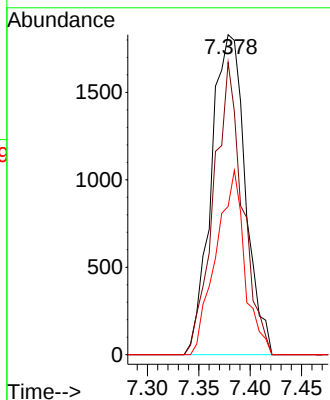
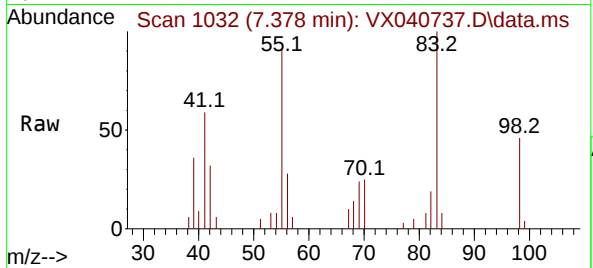
Tgt Ion: 83 Resp: 4219
Ion Ratio Lower Upper
83 100
55 91.4 64.6 97.0
98 46.3 36.7 55.1

Manual Integrations

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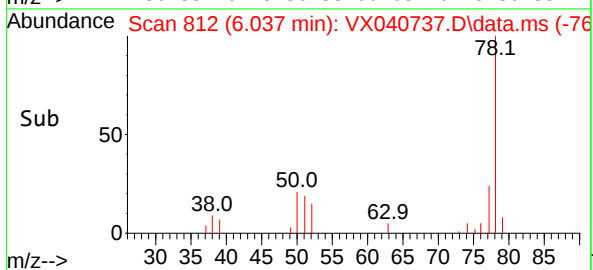
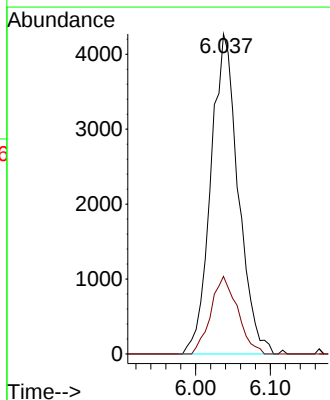
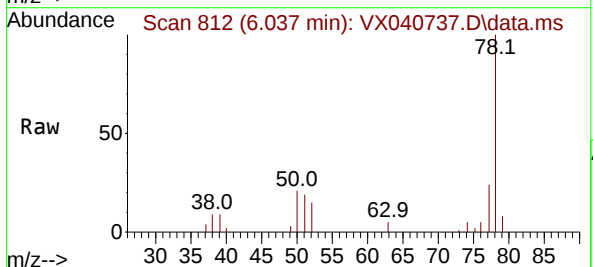
Reviewed By :John Carlone 03/25/2024

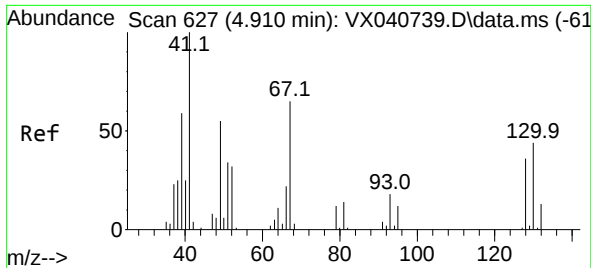
Supervised By :Mahesh Dadoda 03/25/2024



#40
Benzene
Concen: 4.653 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 78 Resp: 10930
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9





#41
Methacrylonitrile
Concen: 4.654 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

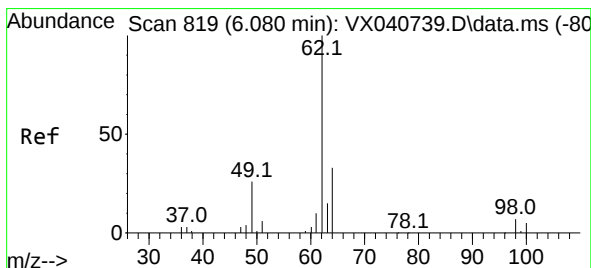
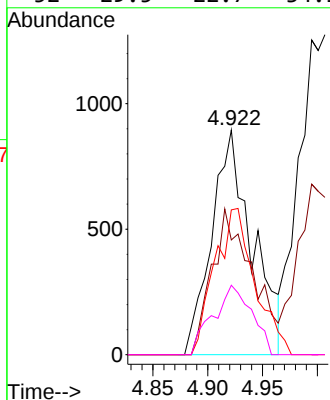
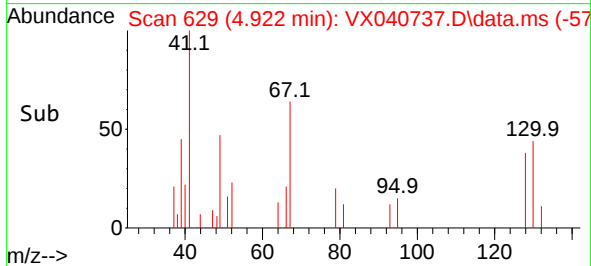
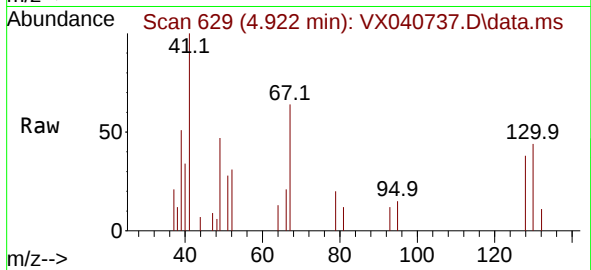
Tgt Ion: 41 Resp: 230
Ion Ratio Lower Upper
41 100
39 64.9 45.2 67.8
67 64.4 52.6 78.8
52 29.5 22.7 34.1

Manual Integrations

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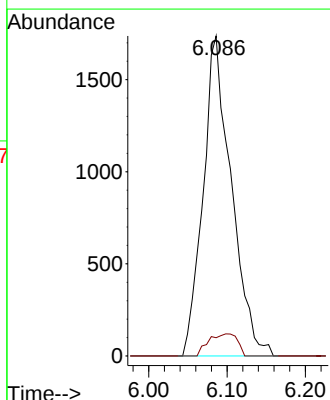
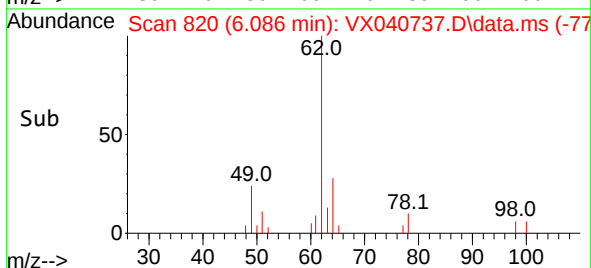
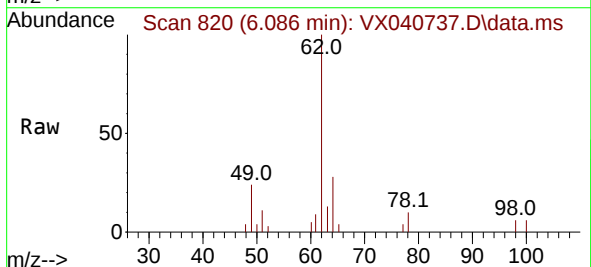
Reviewed By :John Carlone 03/25/2024

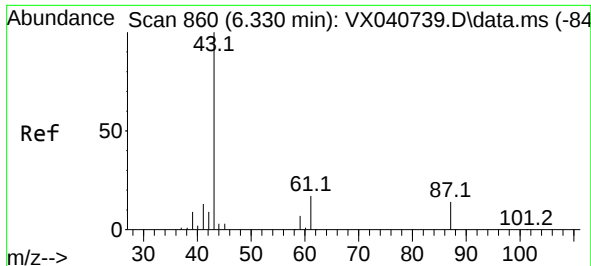
Supervised By :Mahesh Dadoda 03/25/2024



#42
1,2-Dichloroethane
Concen: 4.574 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 62 Resp: 4348
Ion Ratio Lower Upper
62 100
98 7.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.280 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

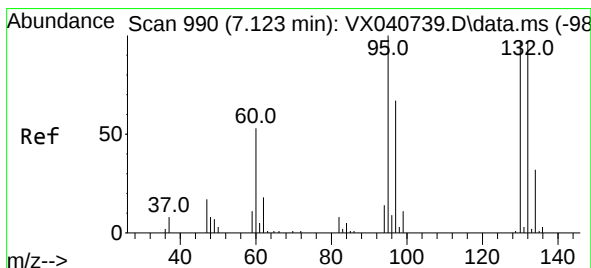
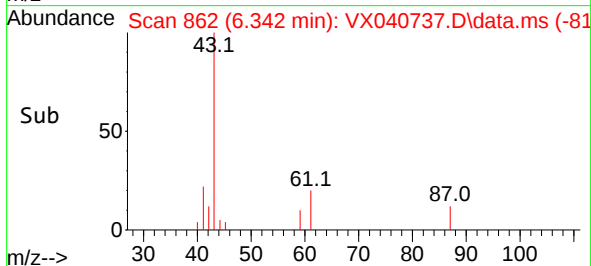
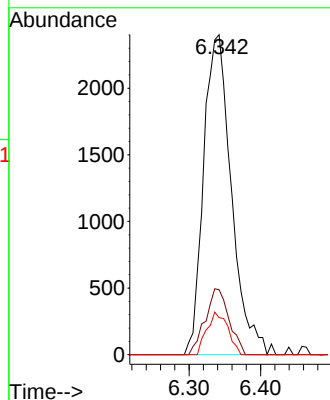
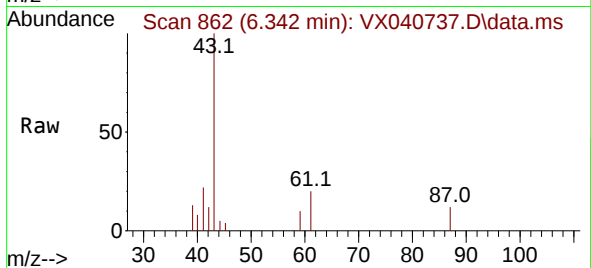
Tgt Ion: 43	Resp: 649
Ion Ratio	Lower Upper
43 100	
61 17.6	15.2 22.8
87 10.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#44

Trichloroethene

Concen: 4.637 ug/l

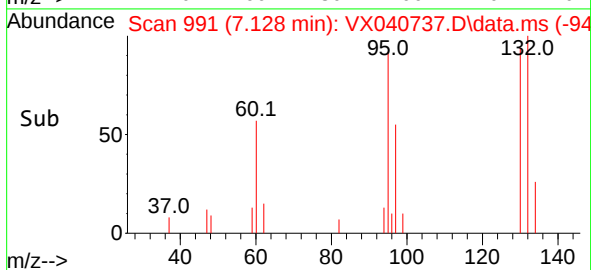
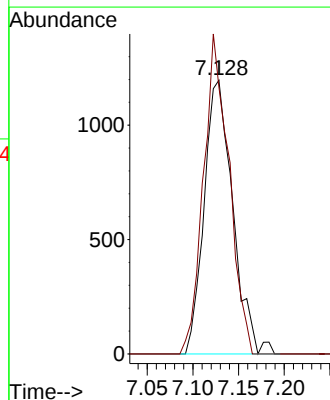
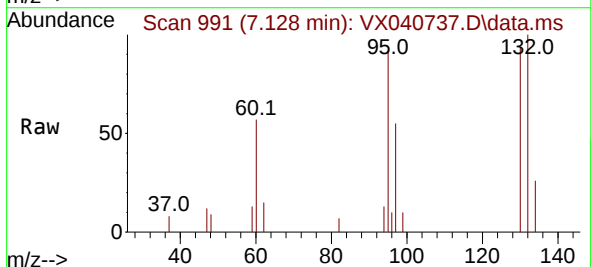
RT: 7.128 min Scan# 991

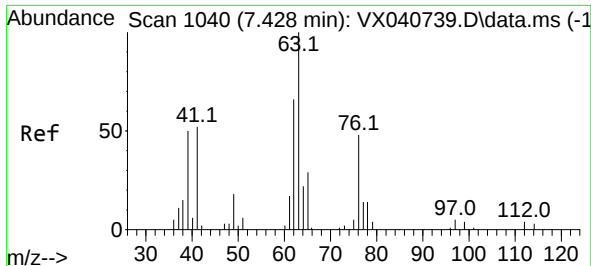
Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:130	Resp: 2611
Ion Ratio	Lower Upper
130 100	
95 97.5	0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.599 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 253

Ion Ratio Lower Upper

63 100

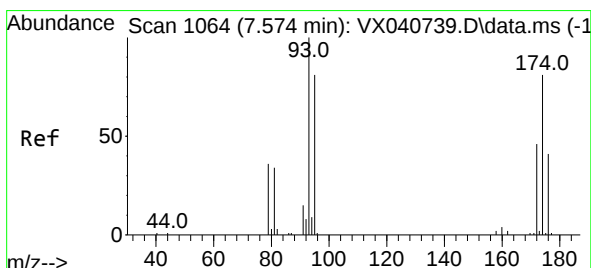
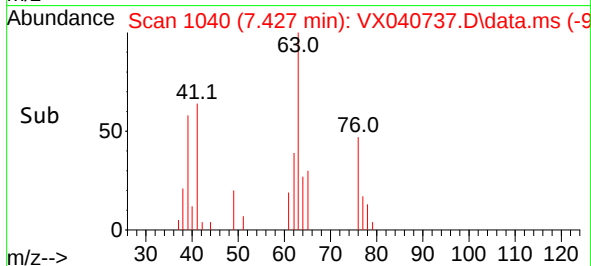
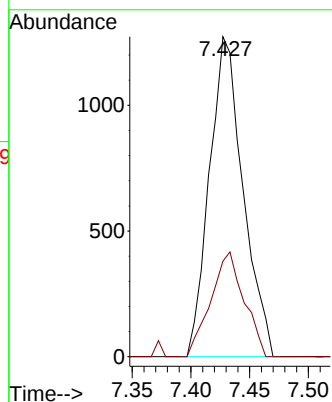
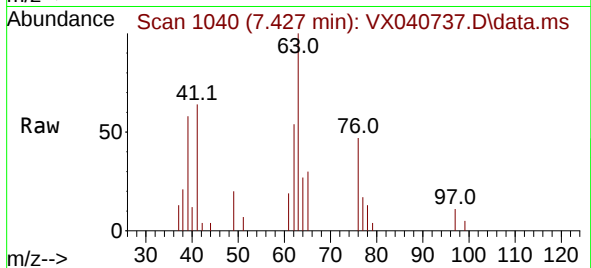
65 29.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#46

Dibromomethane

Concen: 4.566 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

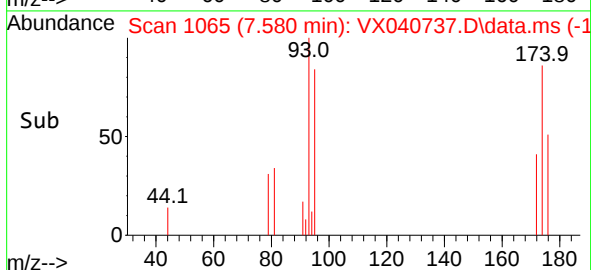
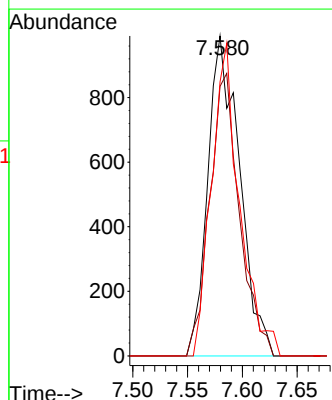
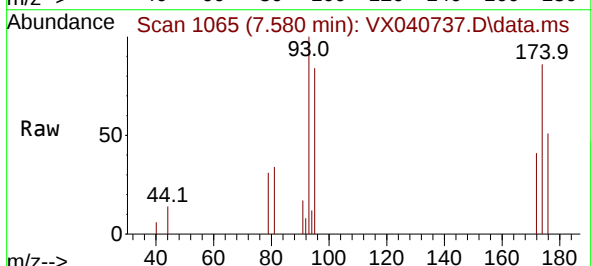
Tgt Ion: 93 Resp: 1993

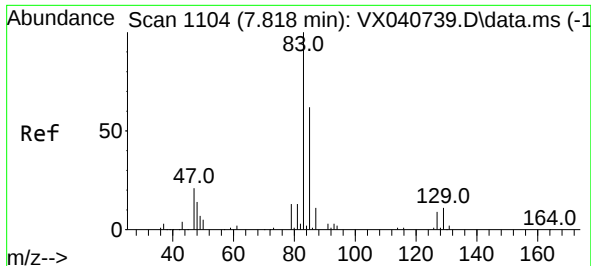
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 86.7 69.4 104.0





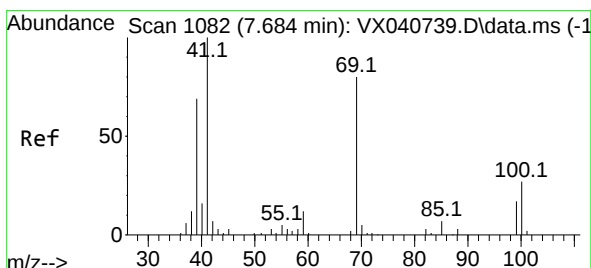
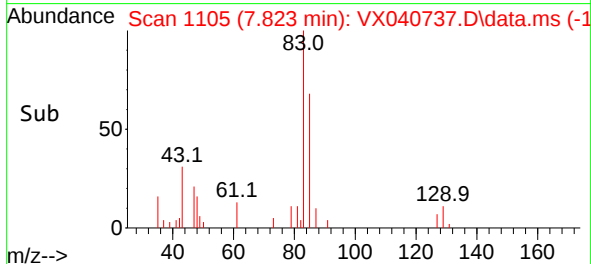
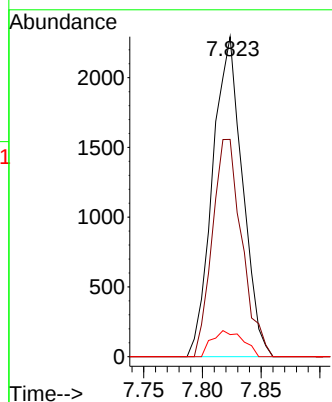
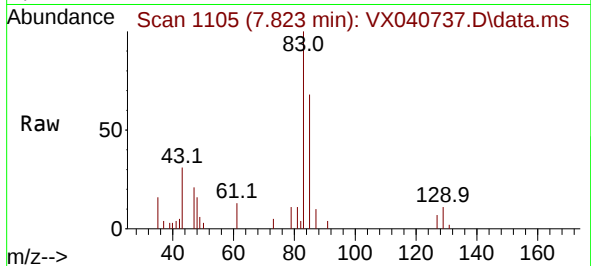
#47
Bromodichloromethane
Concen: 4.551 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4059
Ion Ratio Lower Upper
83 100
85 67.9 49.8 74.6
127 6.9 7.1 10.7

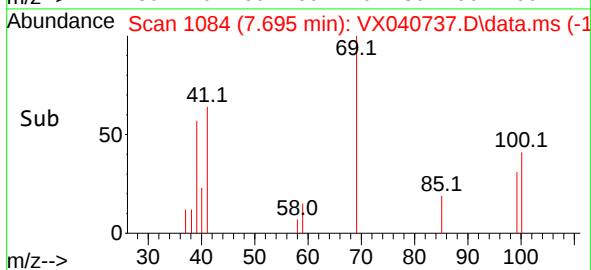
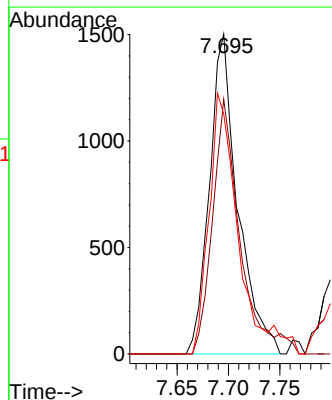
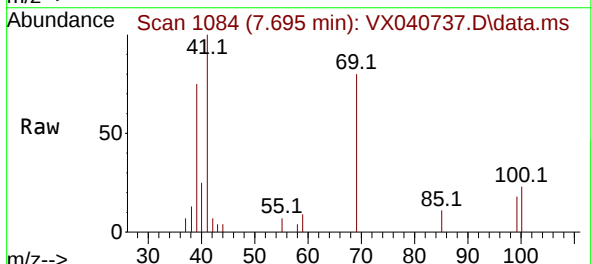
Manual Integrations
APPROVED

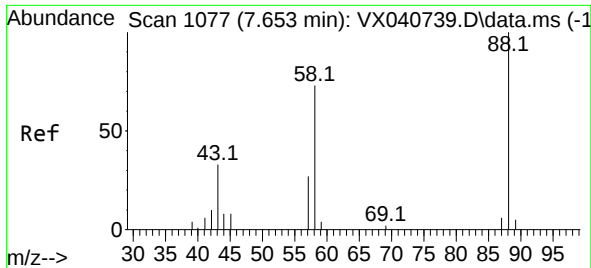
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#48
Methyl methacrylate
Concen: 4.139 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.012 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

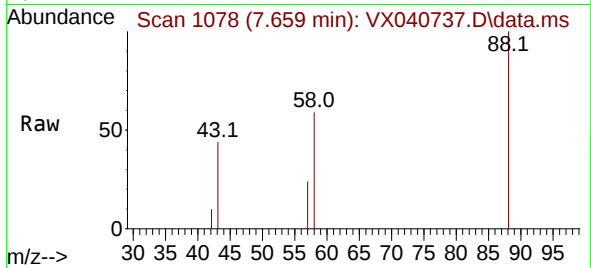
Tgt Ion: 41 Resp: 2870
Ion Ratio Lower Upper
41 100
69 77.5 59.2 88.8
39 84.1 47.7 71.5





#49
1,4-Dioxane
Concen: 88.022 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

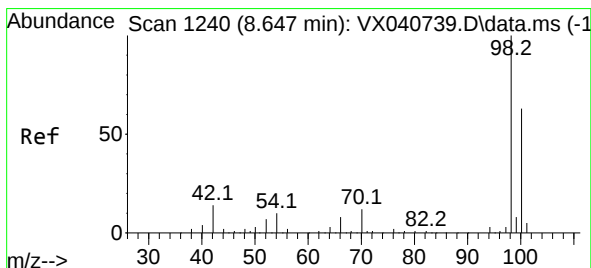
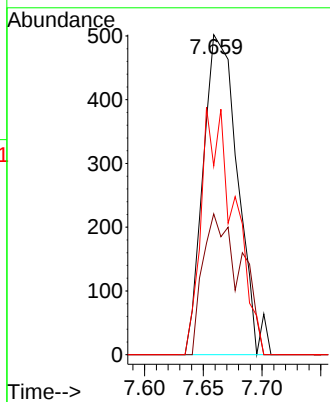
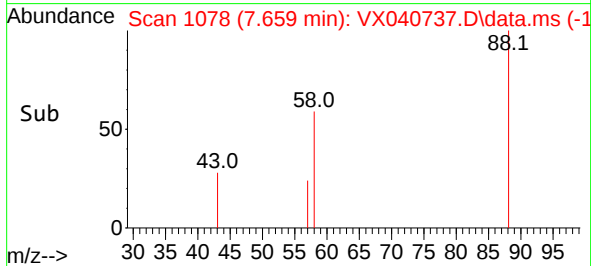
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 1030
Ion Ratio Lower Upper
88 100
43 48.3 0.0 0.0
58 74.8 60.1 90.1

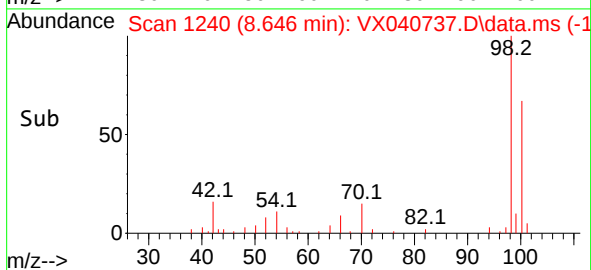
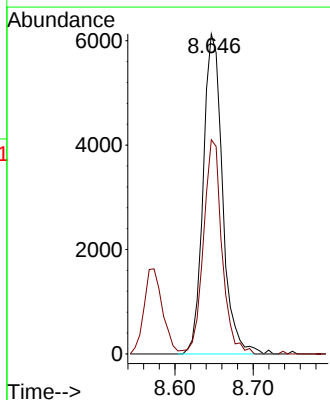
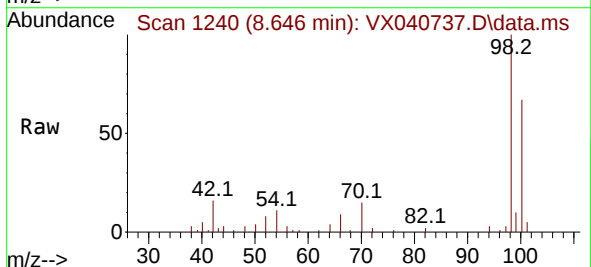
Manual Integrations
APPROVED

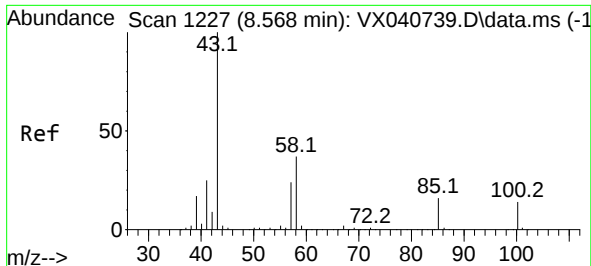
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#50
Toluene-d8
Concen: 5.308 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 98 Resp: 10501
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





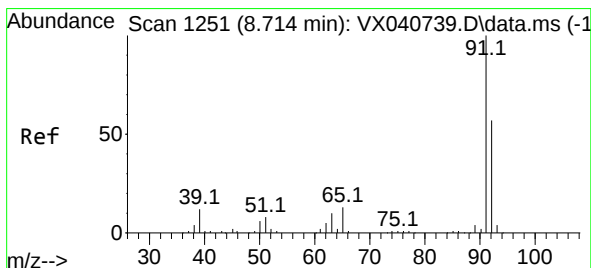
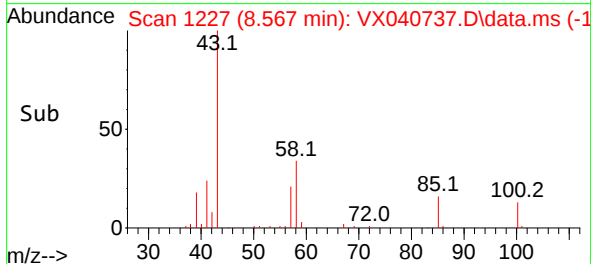
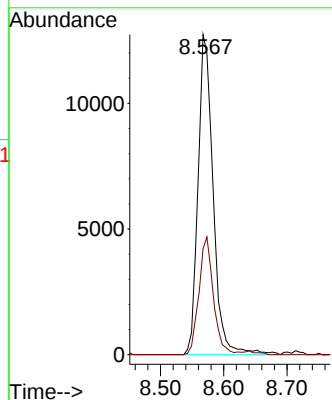
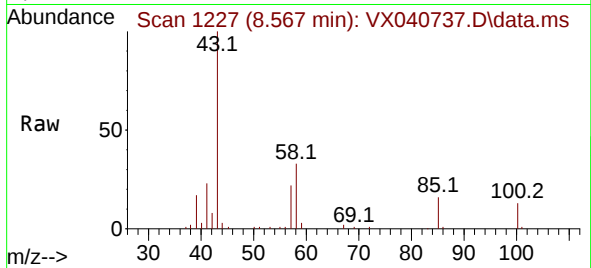
#51
4-Methyl-2-Pentanone
Concen: 22.588 ug/l
RT: 8.567 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 21250
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

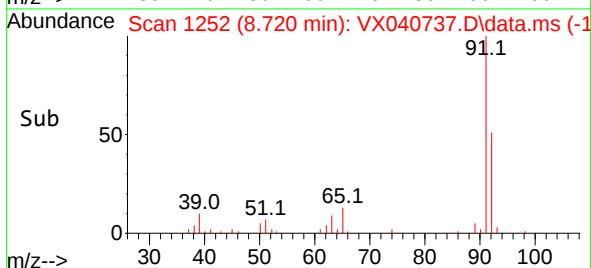
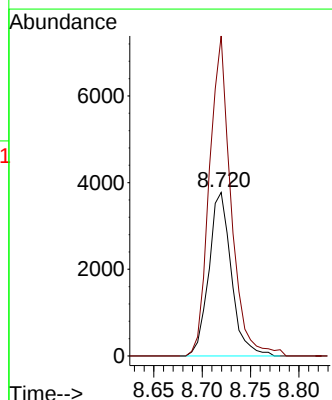
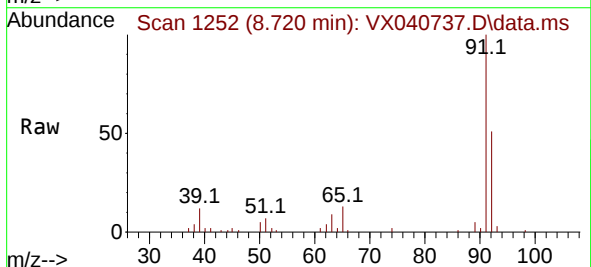
Manual Integrations
APPROVED

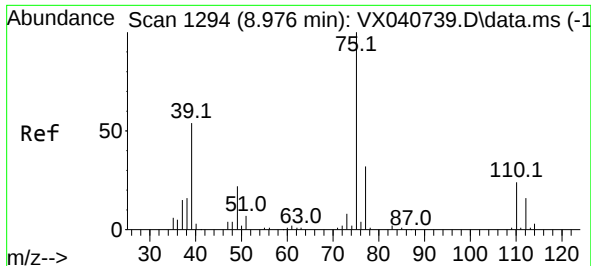
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#52
Toluene
Concen: 4.355 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 92 Resp: 6101
Ion Ratio Lower Upper
92 100
91 188.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.348 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 401

Ion Ratio Lower Upper

75 100

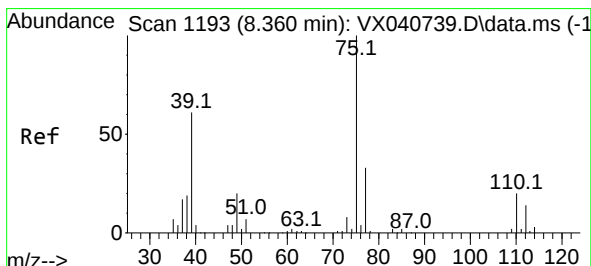
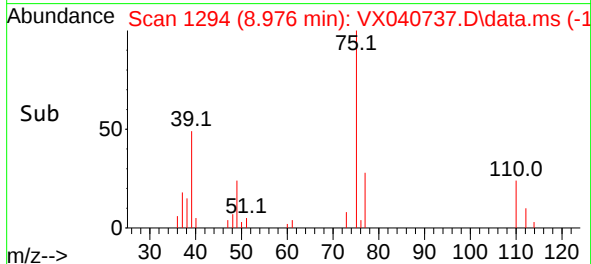
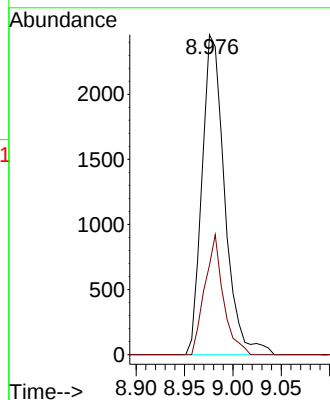
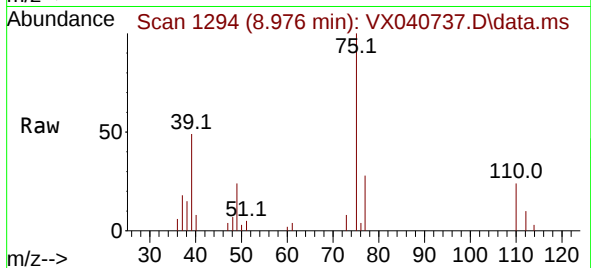
77 28.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#54

cis-1,3-Dichloropropene

Concen: 4.196 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

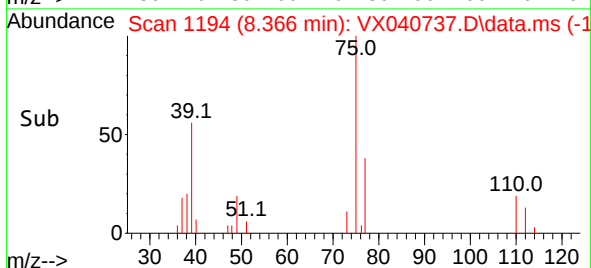
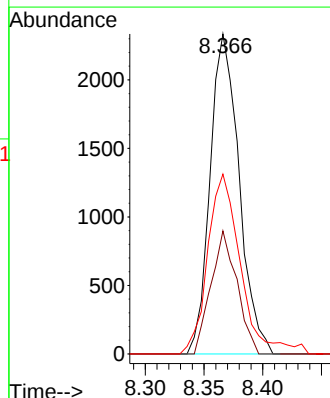
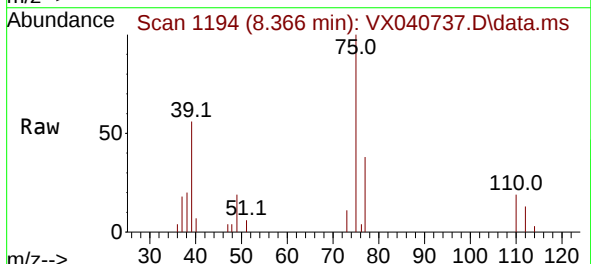
Tgt Ion: 75 Resp: 4004

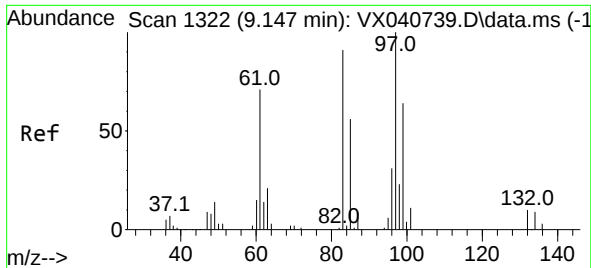
Ion Ratio Lower Upper

75 100

77 38.5 25.3 37.9#

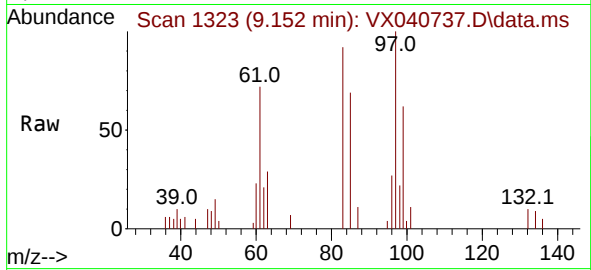
39 56.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.506 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

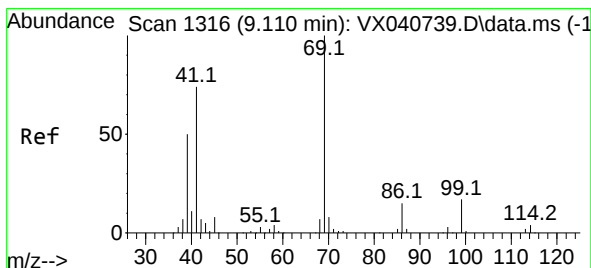
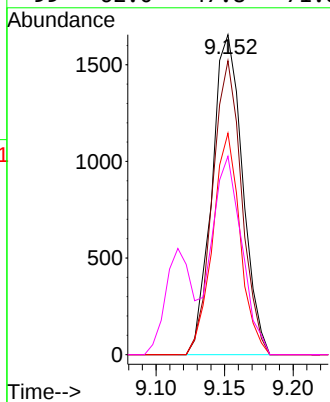
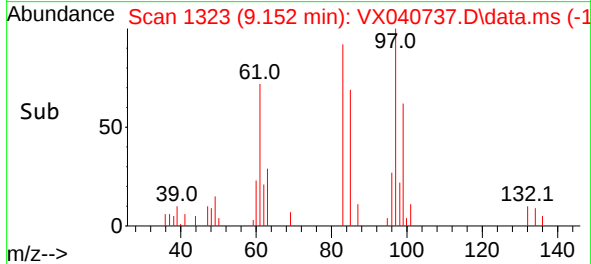
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



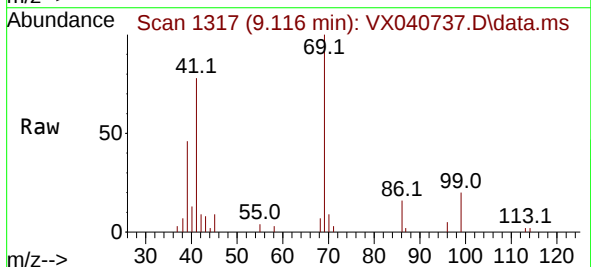
Tgt Ion: 97 Resp: 257
Ion Ratio Lower Upper
97 100
83 91.8 65.8 98.8
85 69.2 41.6 62.4
99 62.0 47.8 71.8

Manual Integrations
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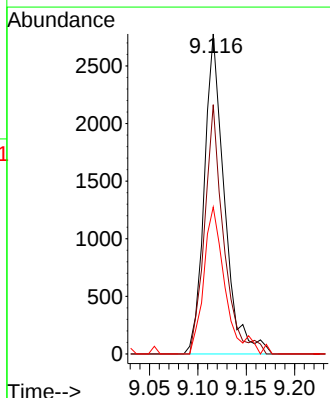
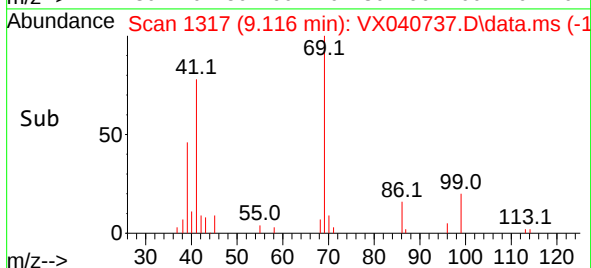
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

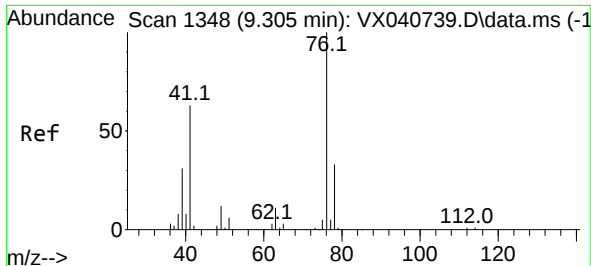


#56
Ethyl methacrylate
Concen: 4.227 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28



Tgt Ion: 69 Resp: 4031
Ion Ratio Lower Upper
69 100
41 73.5 56.8 85.2
39 48.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 4.645 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 452

Ion Ratio Lower Upper

76 100

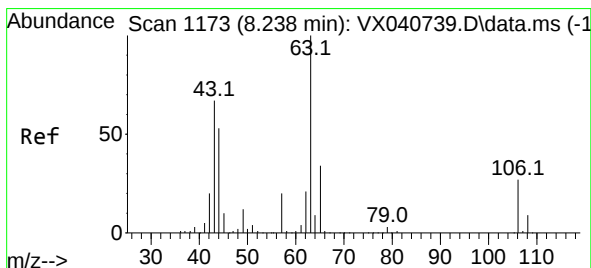
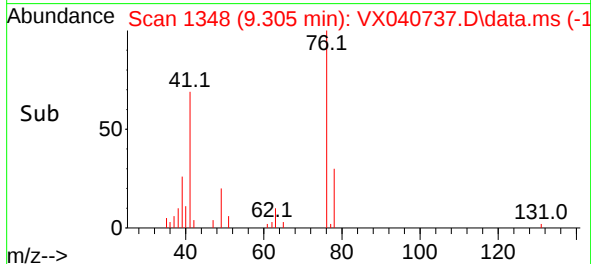
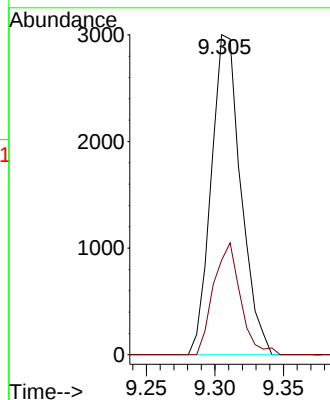
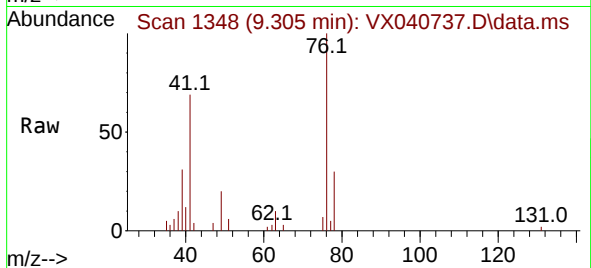
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 21.226 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040737.D

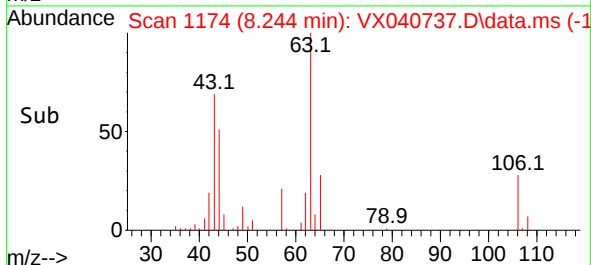
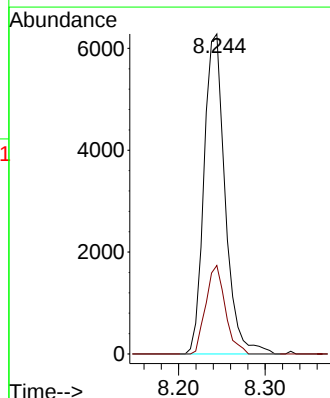
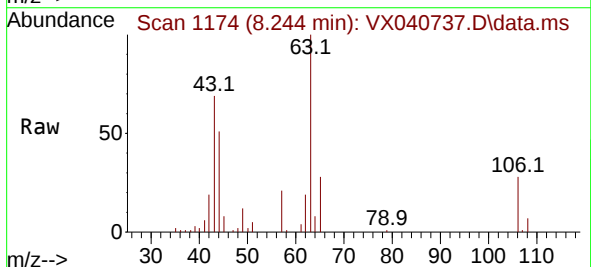
Acq: 21 Mar 2024 10:28

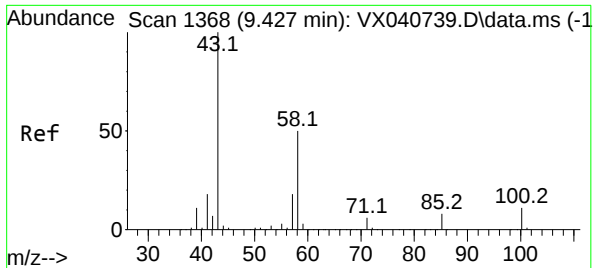
Tgt Ion: 63 Resp: 10624

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7





#59

2-Hexanone

Concen: 21.878 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

43 100

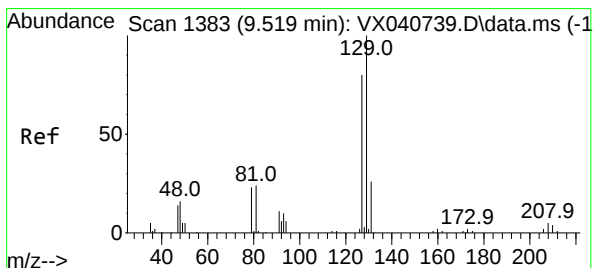
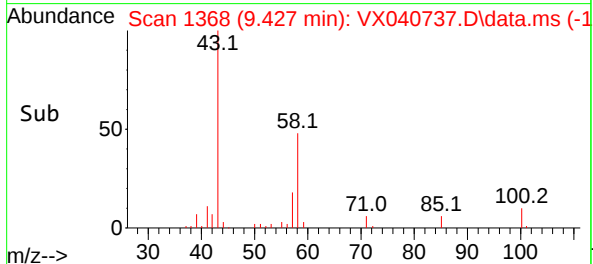
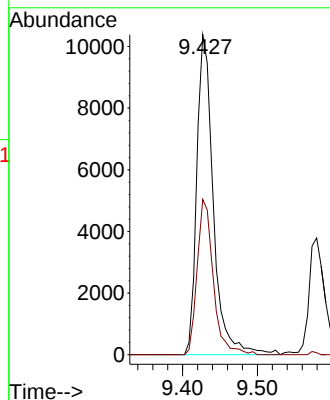
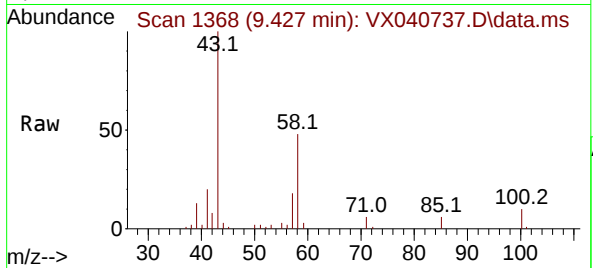
58 47.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#60

Dibromochloromethane

Concen: 4.303 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040737.D

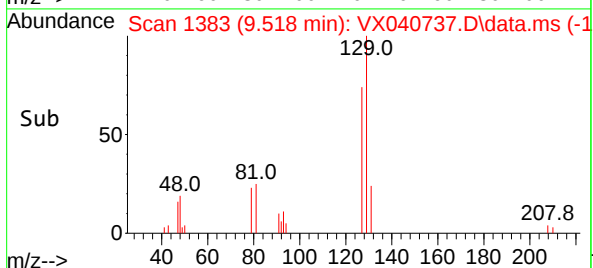
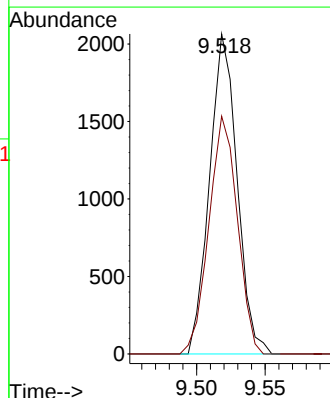
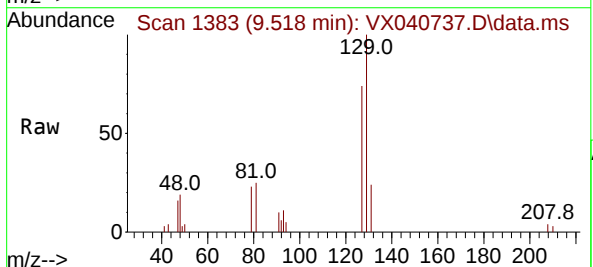
Acq: 21 Mar 2024 10:28

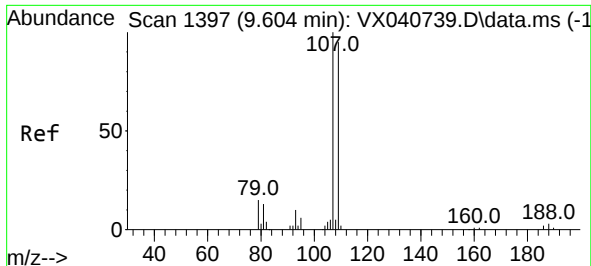
Tgt Ion:129 Resp: 2885

Ion Ratio Lower Upper

129 100

127 76.7 38.8 116.4





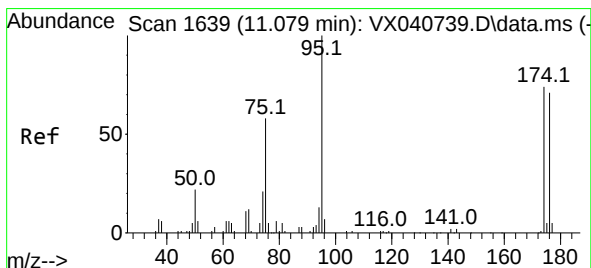
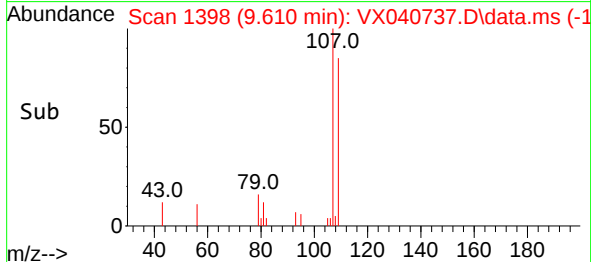
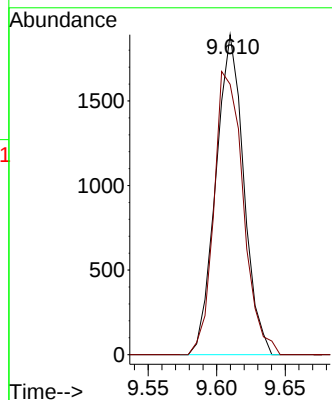
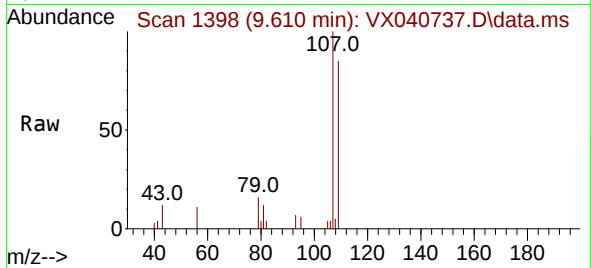
#61
1,2-Dibromoethane
Concen: 4.452 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 268
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

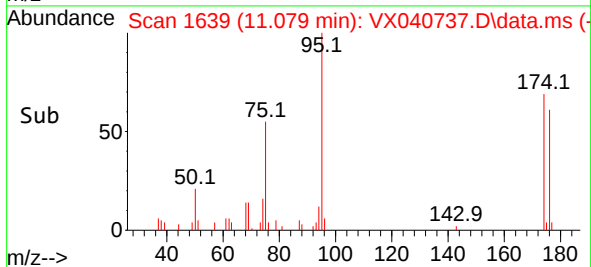
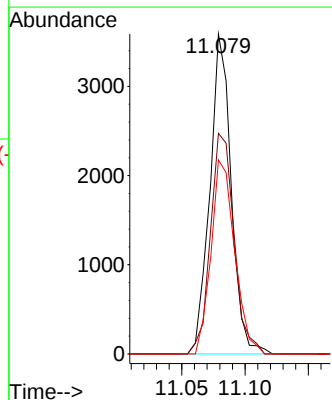
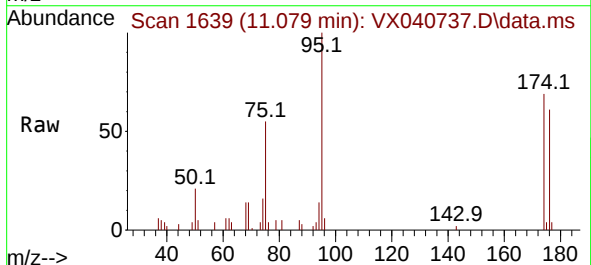
Manual Integrations
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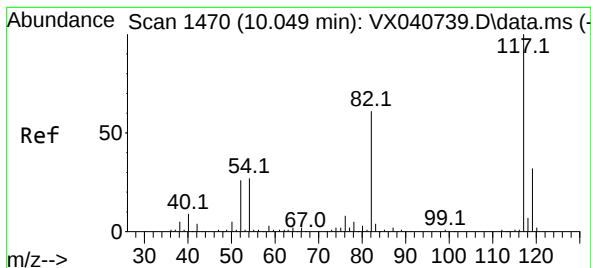
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#62
4-Bromofluorobenzene
Concen: 5.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 95 Resp: 4201
Ion Ratio Lower Upper
95 100
174 76.3 0.0 135.6
176 67.3 0.0 131.0





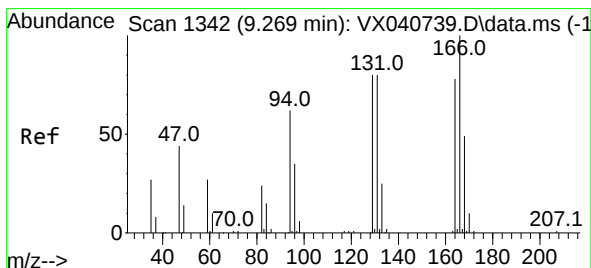
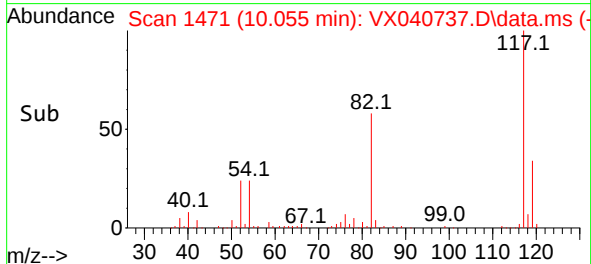
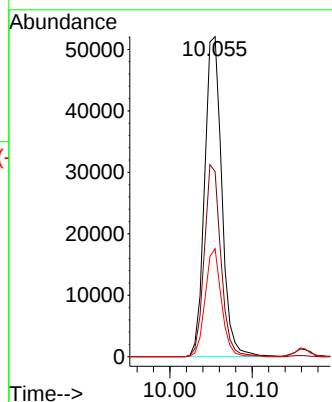
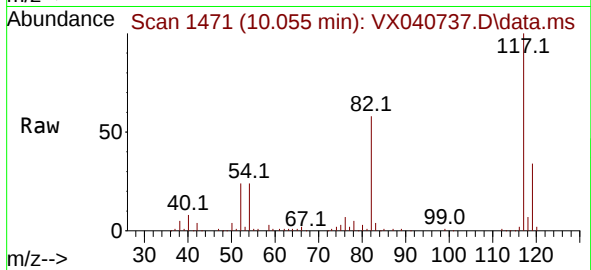
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 75700
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 33.8 25.5 38.3

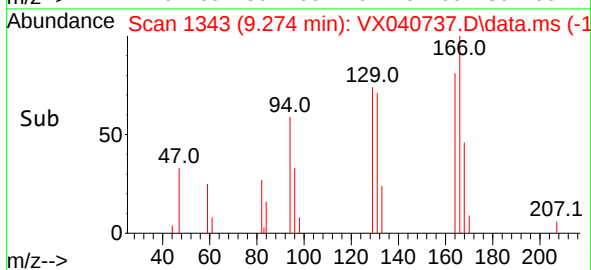
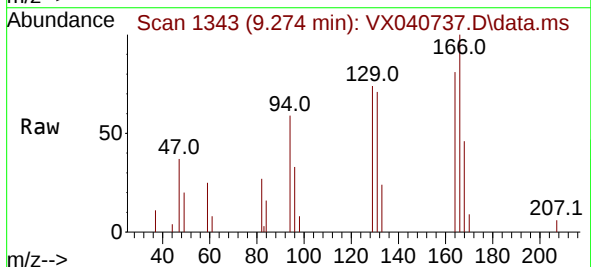
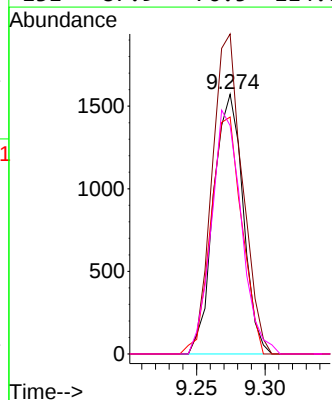
Manual Integrations
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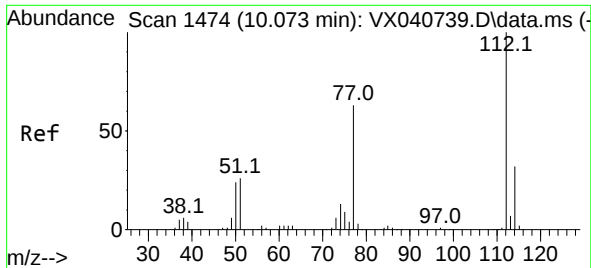
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#64
Tetrachloroethene
Concen: 4.178 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion:164 Resp: 2356
Ion Ratio Lower Upper
164 100
166 123.2 102.7 154.1
129 91.2 80.4 120.6
131 87.9 76.5 114.7





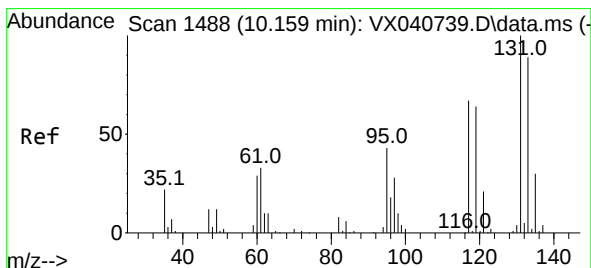
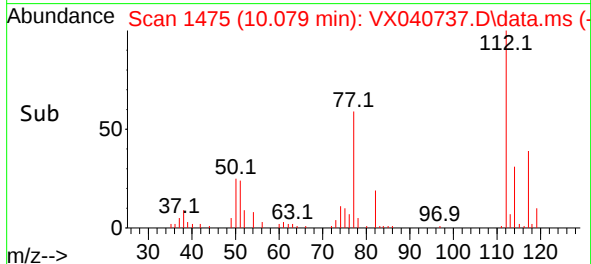
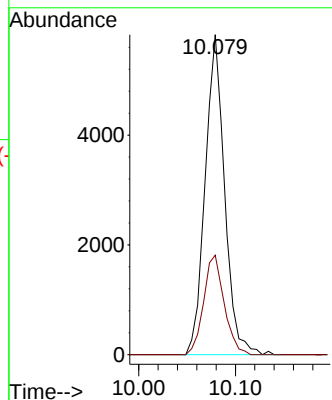
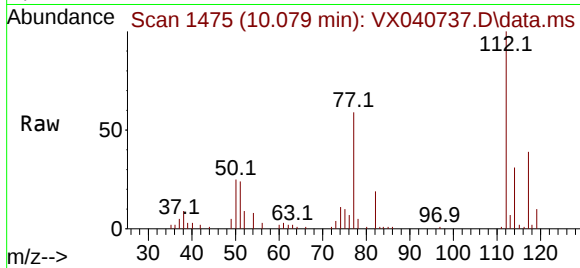
#65
Chlorobenzene
Concen: 4.756 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 816
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

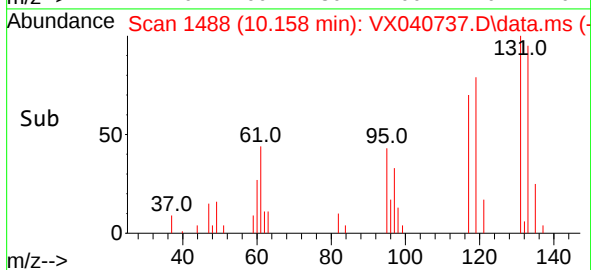
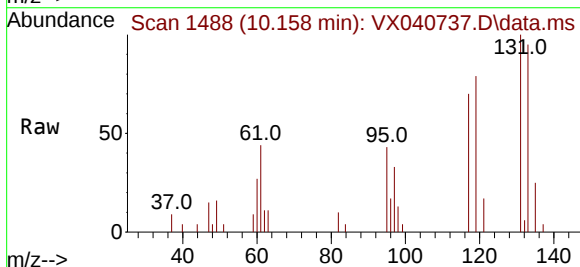
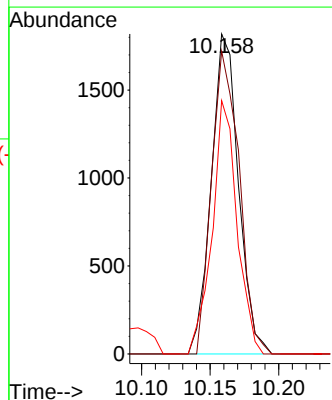
Manual Integrations
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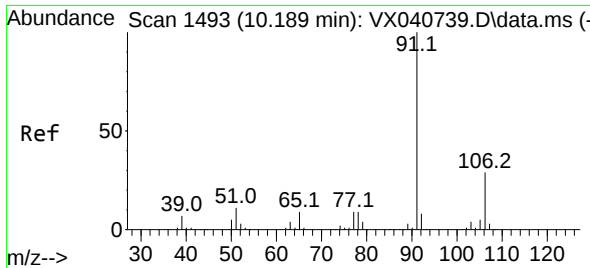
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.296 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion:131 Resp: 2510
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 72.3 32.2 96.6





#67

Ethyl Benzene

Concen: 4.550 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1399

Ion Ratio Lower Upper

91 100

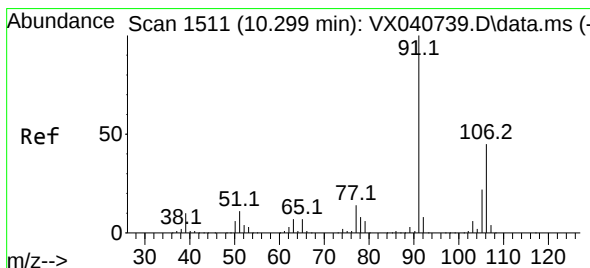
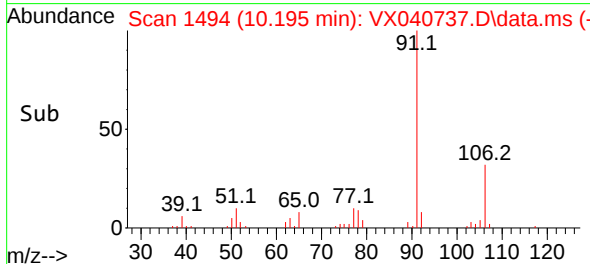
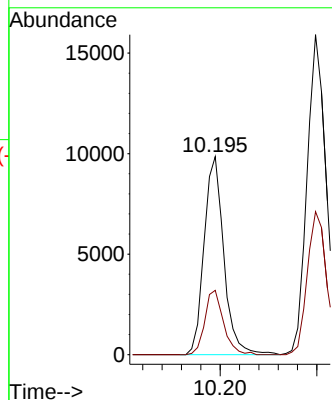
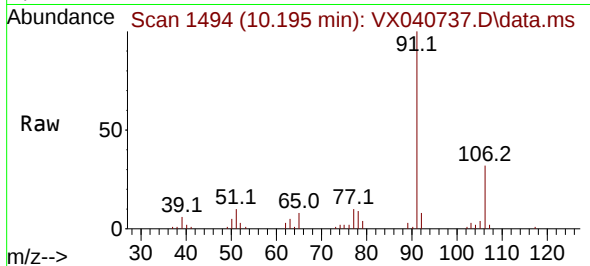
106 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#68

m/p-Xylenes

Concen: 8.942 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040737.D

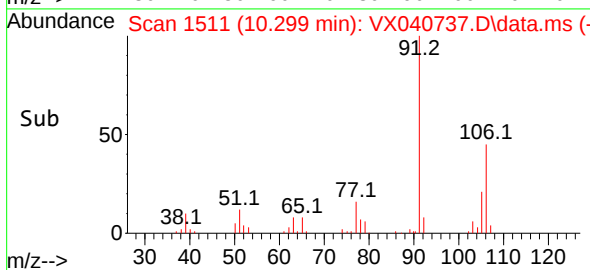
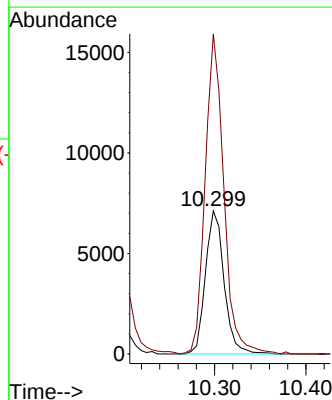
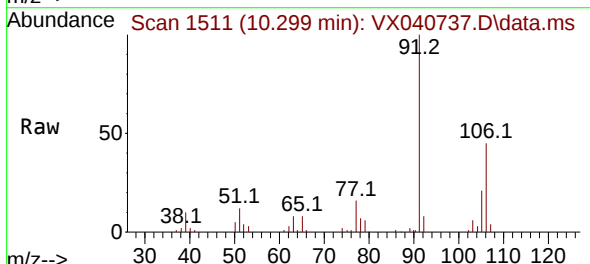
Acq: 21 Mar 2024 10:28

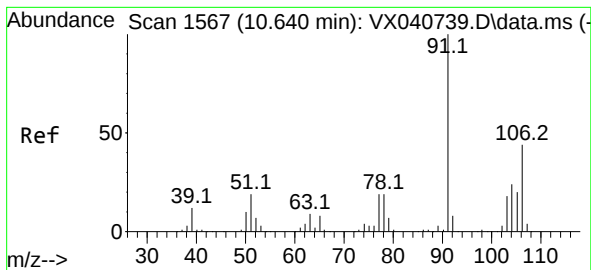
Tgt Ion:106 Resp: 10068

Ion Ratio Lower Upper

106 100

91 223.4 165.5 248.3





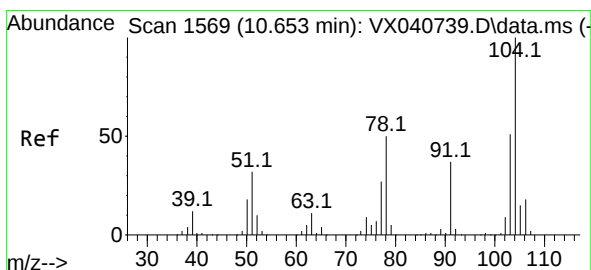
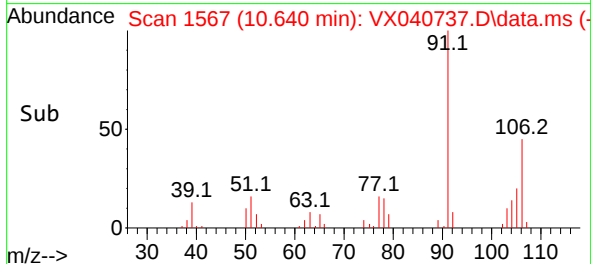
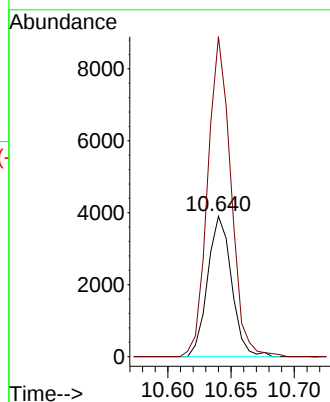
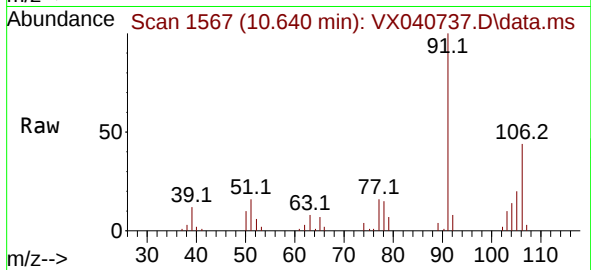
#69
o-Xylene
Concen: 4.755 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 514
Ion Ratio Lower Upper
106 100
91 221.0 108.9 326.8

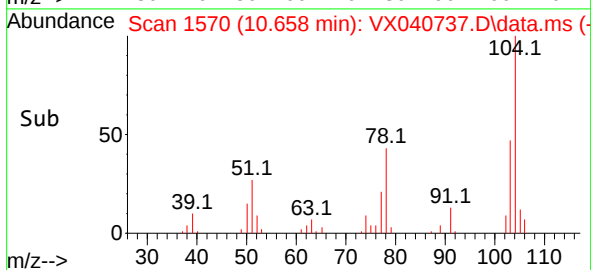
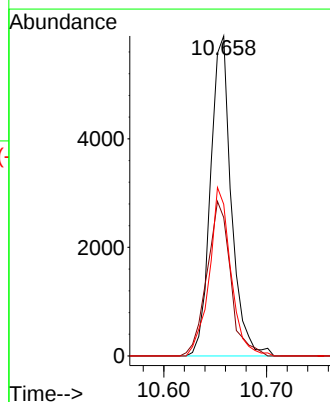
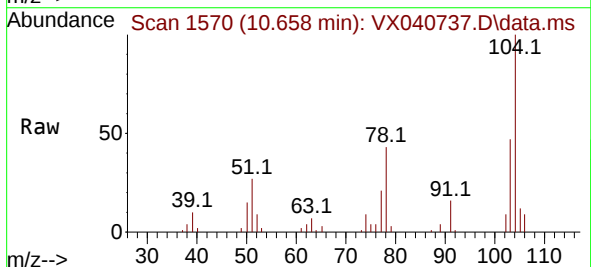
Manual Integrations
APPROVED

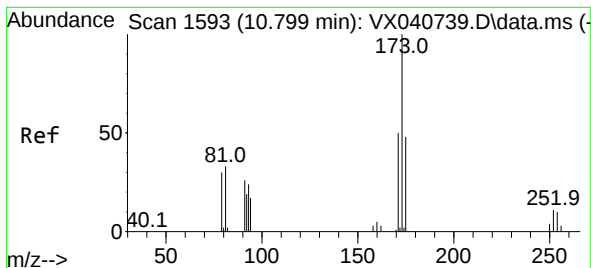
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#70
Styrene
Concen: 4.575 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion:104 Resp: 8283
Ion Ratio Lower Upper
104 100
78 54.9 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 4.317 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

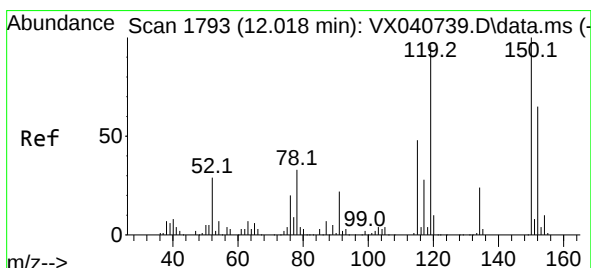
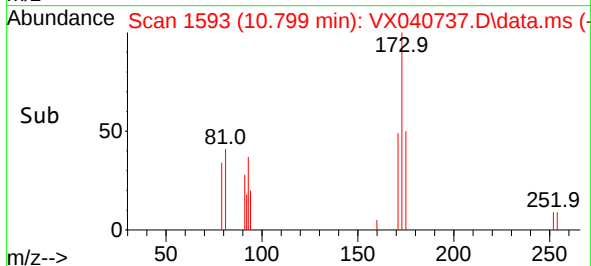
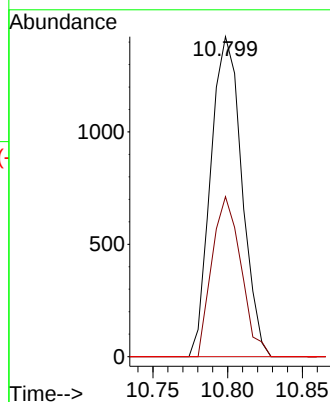
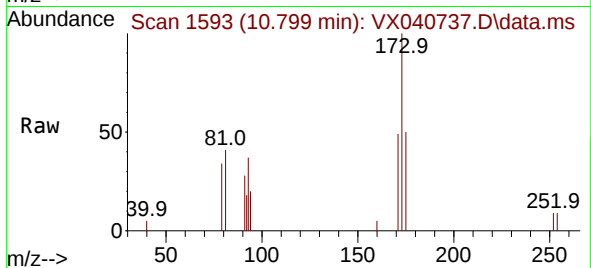
Tgt Ion:173	Resp:	2060
Ion Ratio	Lower	Upper
173	100	
175	46.7	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

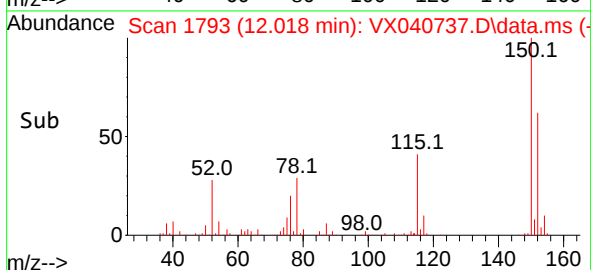
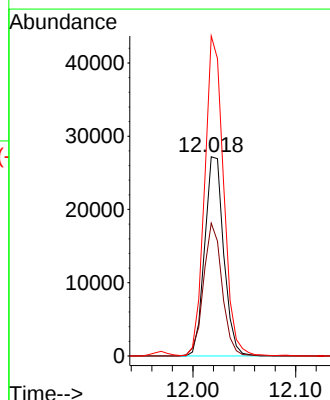
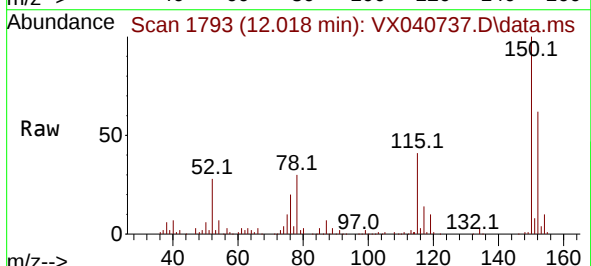
RT: 12.018 min Scan# 1793

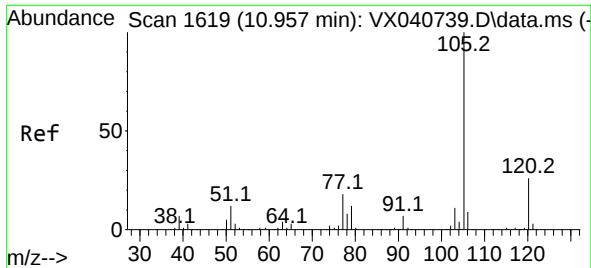
Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:152	Resp:	35062
Ion Ratio	Lower	Upper
152	100	
115	64.8	43.3 129.9
150	158.5	0.0 345.0





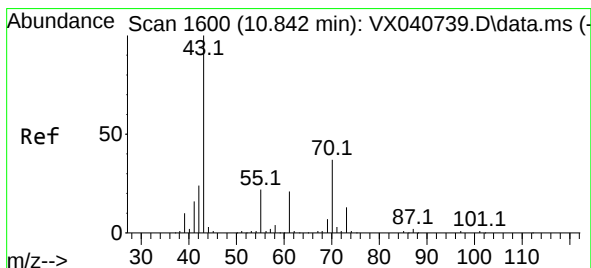
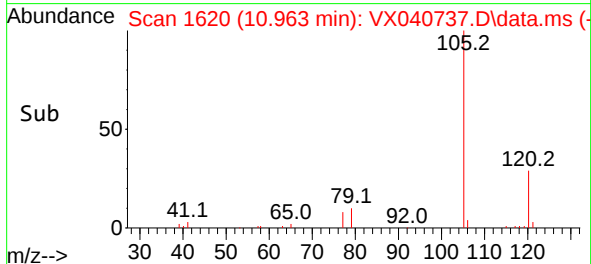
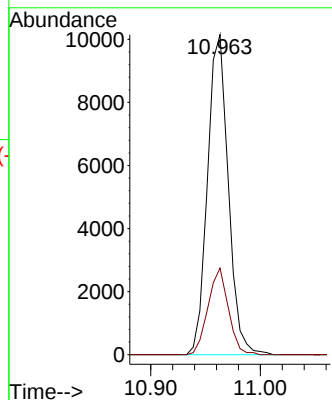
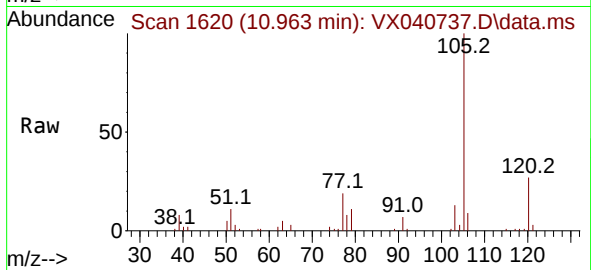
#73
Isopropylbenzene
Concen: 5.022 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 13360
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

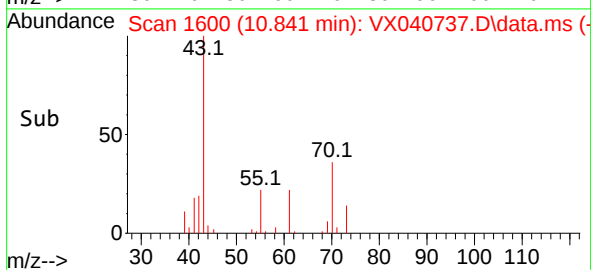
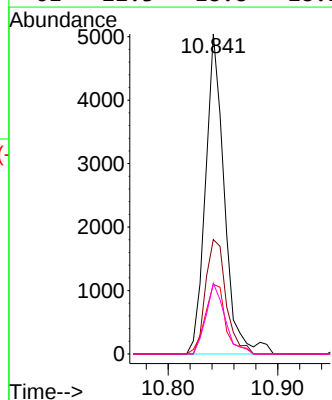
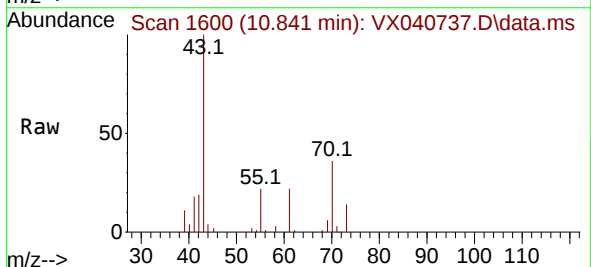
Manual Integrations
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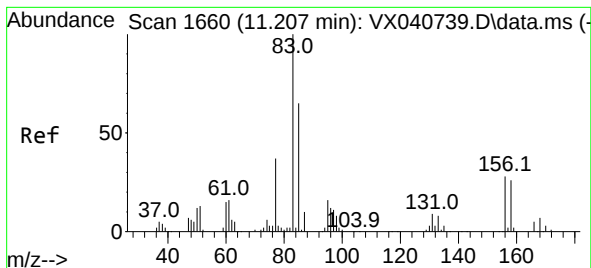
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#74
N-amy1 acetate
Concen: 4.607 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

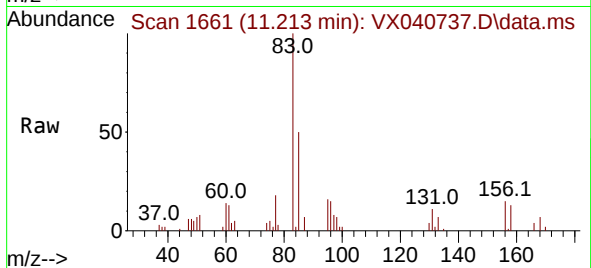
Tgt Ion: 43 Resp: 6035
Ion Ratio Lower Upper
43 100
70 38.6 32.9 49.3
55 23.6 19.3 28.9
61 22.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.298 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

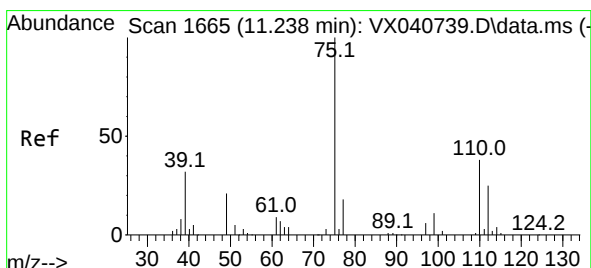
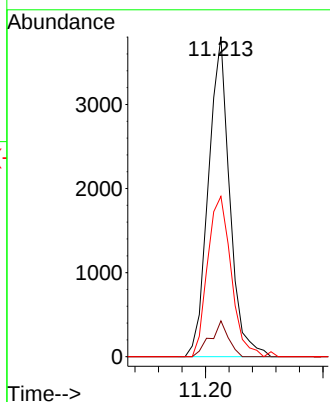
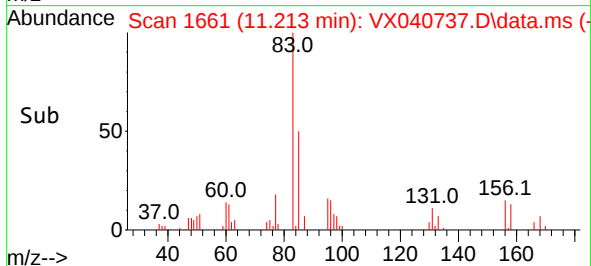
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 4772
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 55.9 32.0 96.2

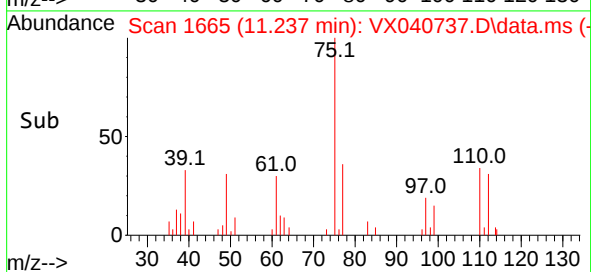
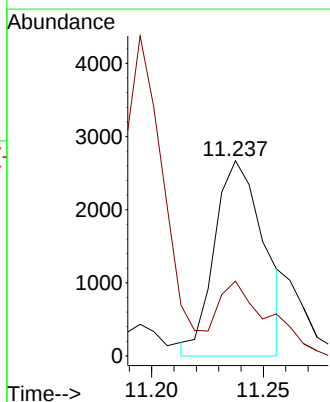
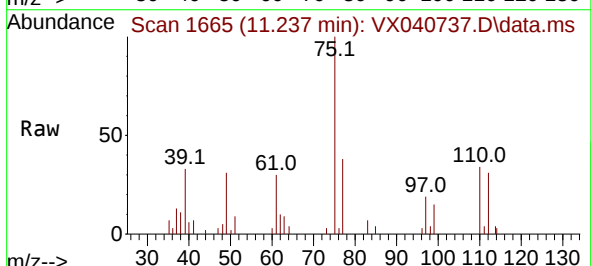
Manual Integrations
APPROVED

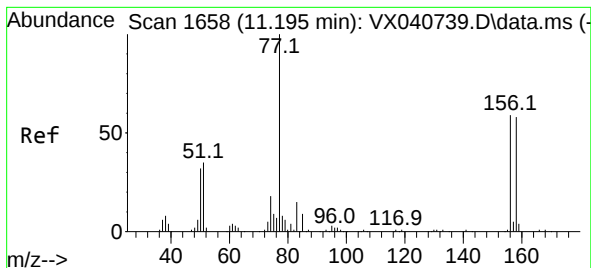
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#76
1,2,3-Trichloropropane
Concen: 5.388 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 75 Resp: 4077
Ion Ratio Lower Upper
75 100
77 38.7 19.1 57.5





#77

Bromobenzene

Concen: 5.286 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

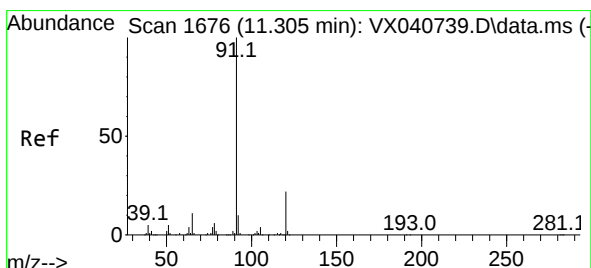
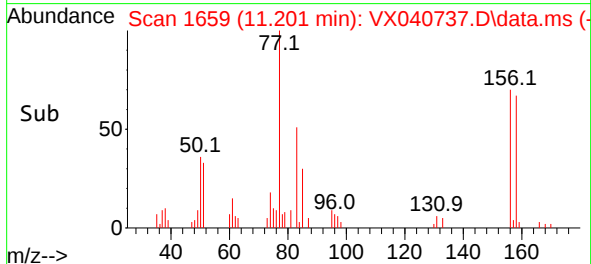
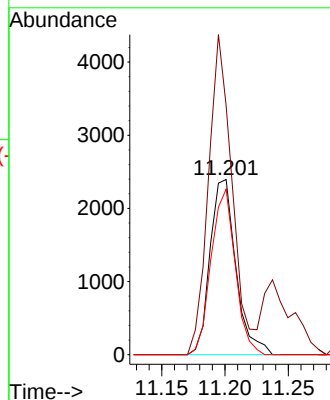
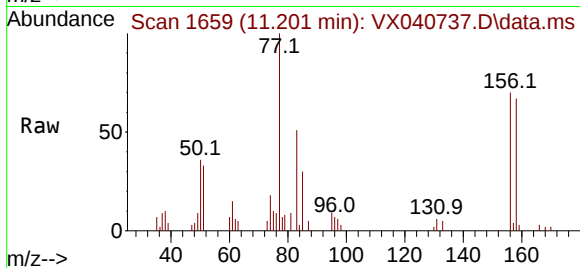
Tgt Ion:	156	Resp:	3404
Ion Ratio	Lower	Upper	
156	100		
77	168.5	88.4	265.3
158	88.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#78

n-propylbenzene

Concen: 5.082 ug/l

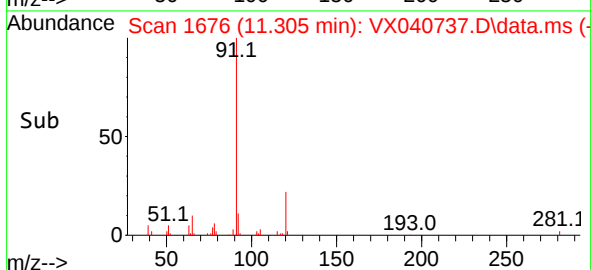
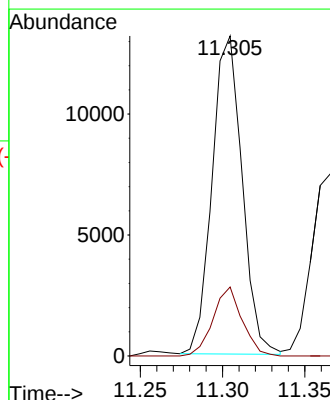
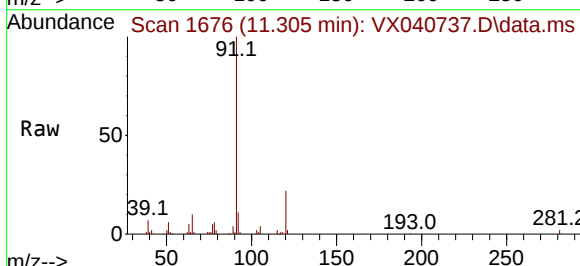
RT: 11.305 min Scan# 1676

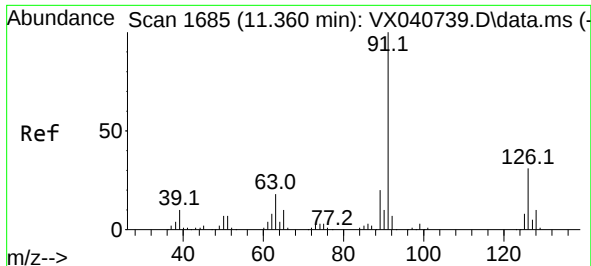
Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:	91	Resp:	16670
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.5	34.4





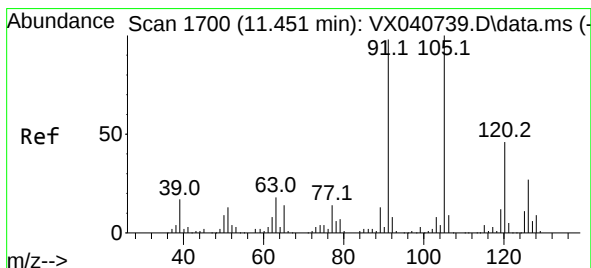
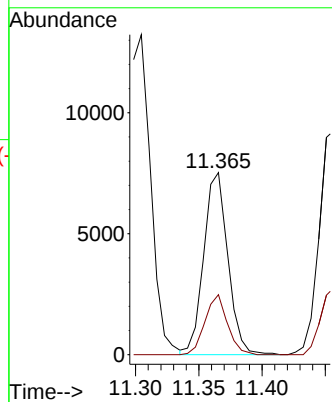
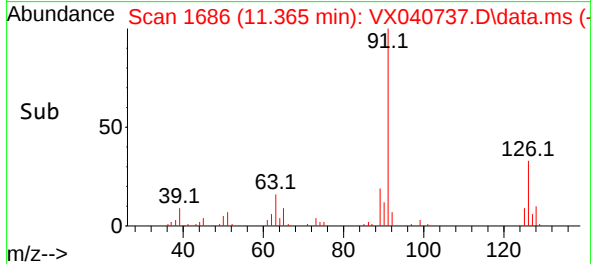
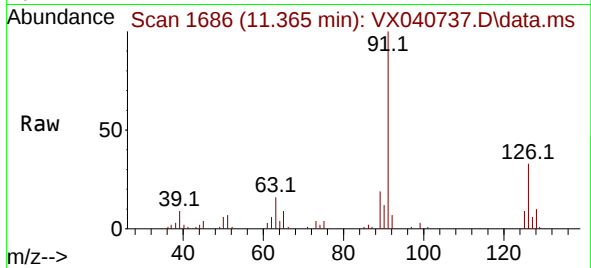
#79
2-Chlorotoluene
Concen: 5.297 ug/l
RT: 11.365 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1002
Ion Ratio Lower Upper
91 100
126 30.5 16.3 48.8

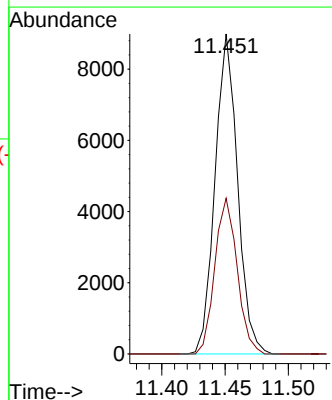
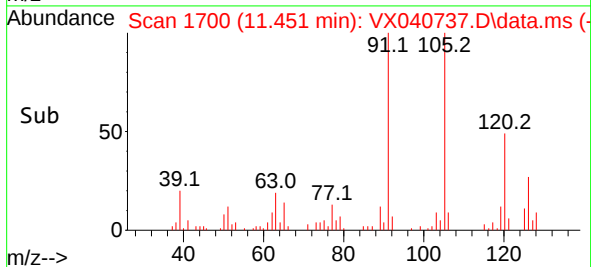
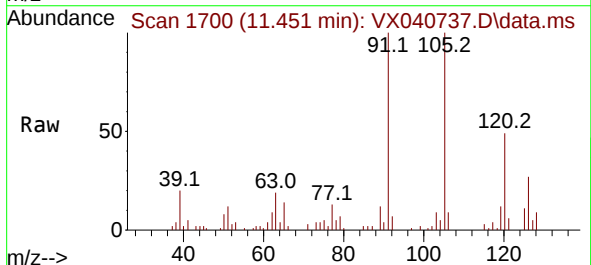
Manual Integrations
APPROVED

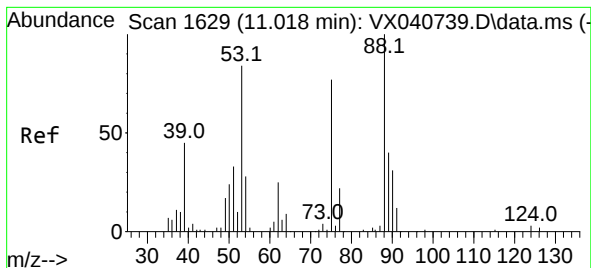
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.978 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

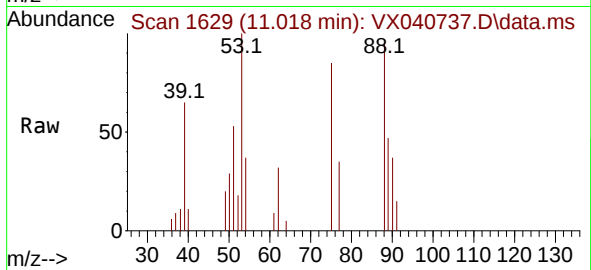
Tgt Ion:105 Resp: 11103
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.146 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

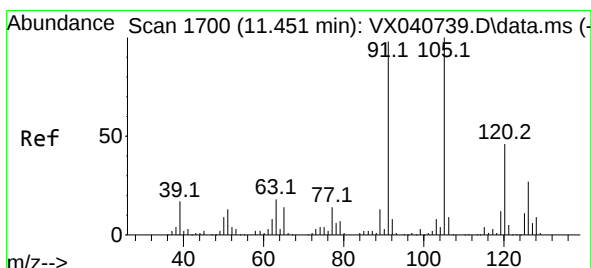
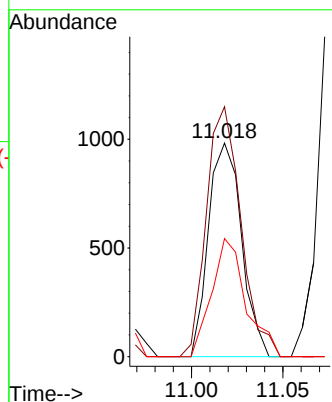
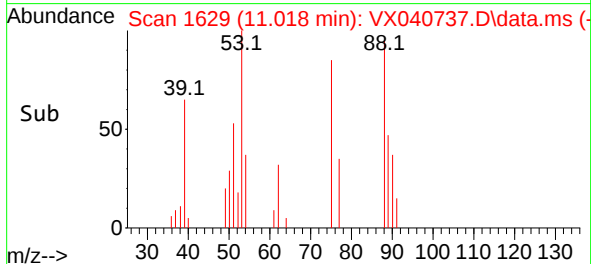
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



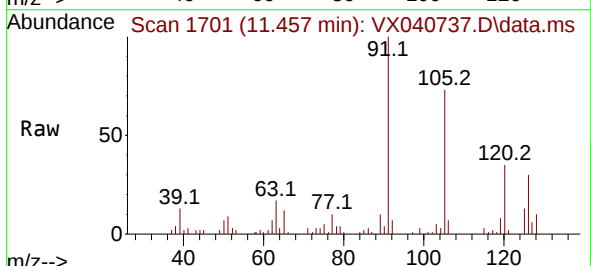
Tgt Ion: 75 Resp: 1230
Ion Ratio Lower Upper
75 100
53 122.4 90.5 135.7
89 57.5 36.9 55.3

Manual Integrations
APPROVED

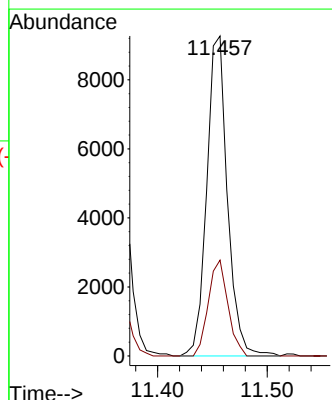
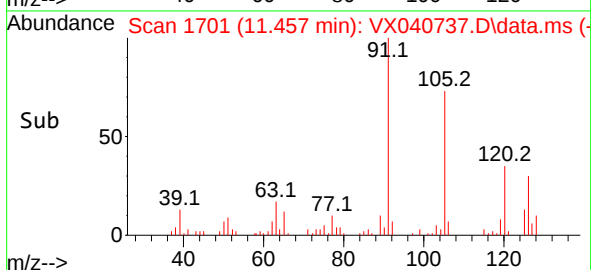
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

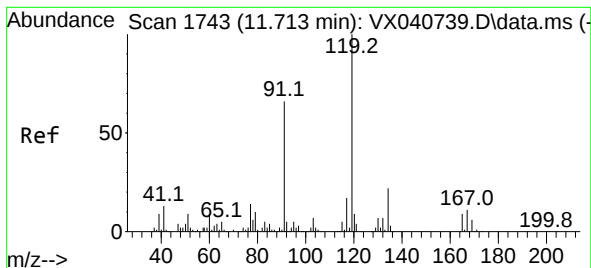


#82
4-Chlorotoluene
Concen: 5.119 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28



Tgt Ion: 91 Resp: 12152
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.814 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

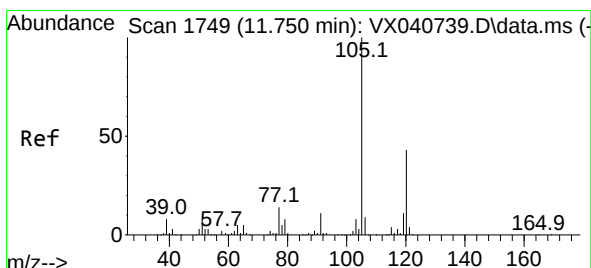
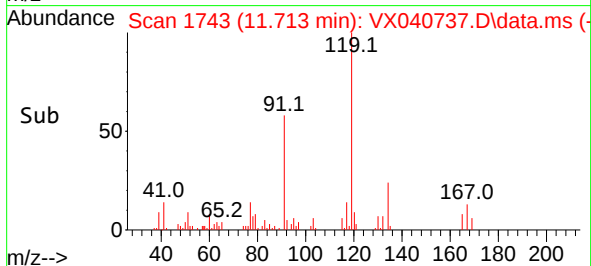
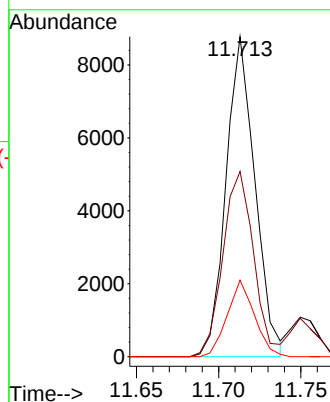
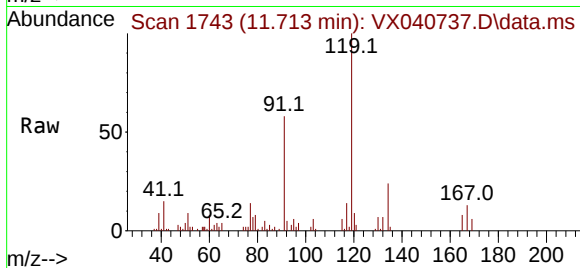
Tgt Ion:	119	Resp:	1076
Ion Ratio	Lower	Upper	
119	100		
91	61.7	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.769 ug/l

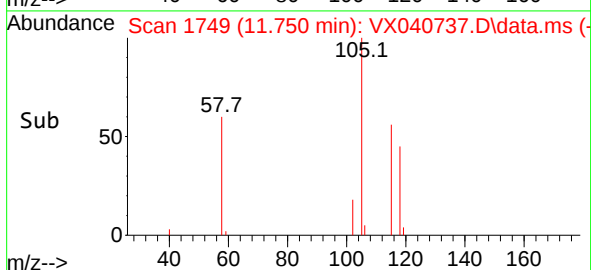
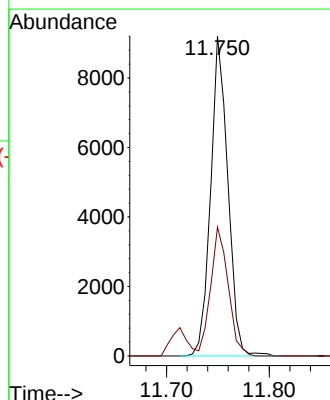
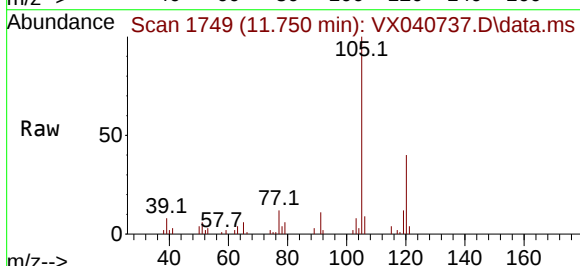
RT: 11.750 min Scan# 1749

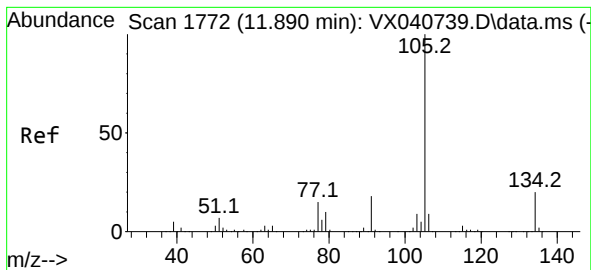
Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:	105	Resp:	10704
Ion Ratio	Lower	Upper	
105	100		
120	40.9	21.2	63.6





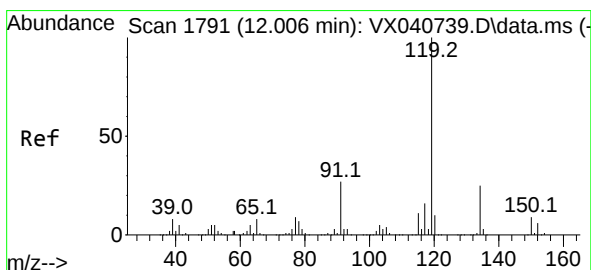
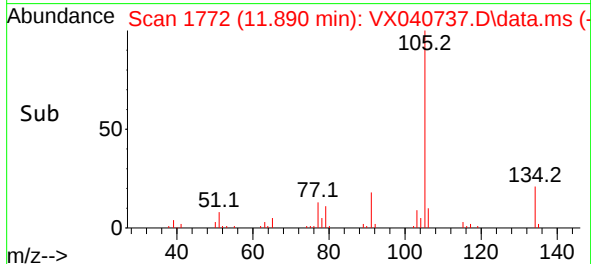
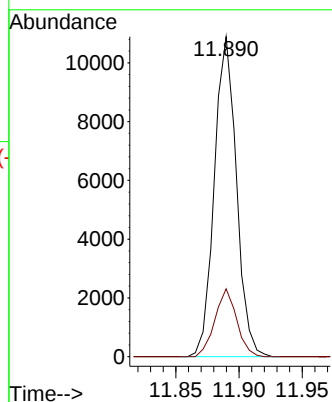
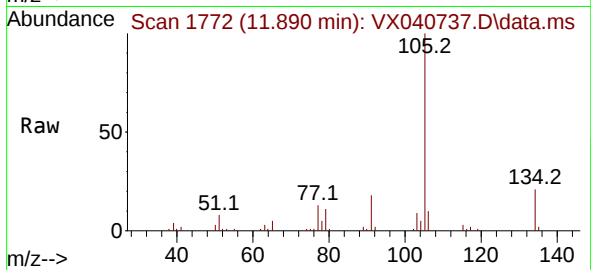
#85
 sec-Butylbenzene
 Concen: 4.648 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040737.D
 Acq: 21 Mar 2024 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 13220
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.8 29.4

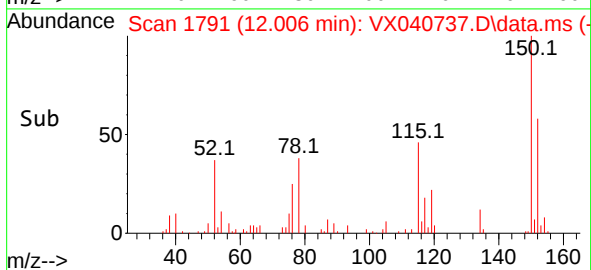
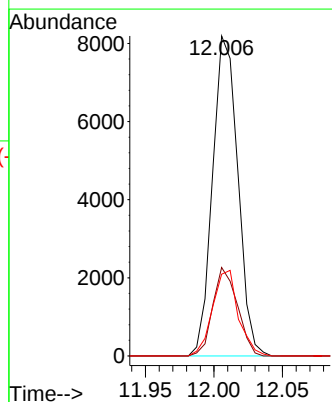
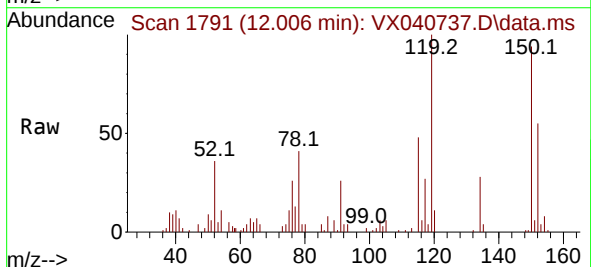
Manual Integrations
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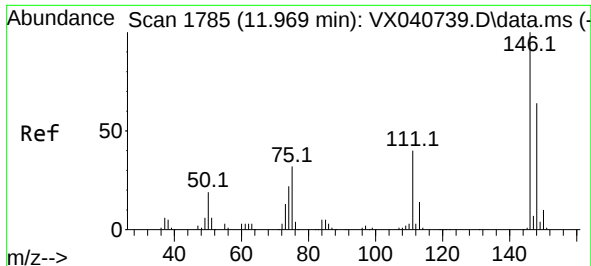
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#86
 p-Isopropyltoluene
 Concen: 4.450 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040737.D
 Acq: 21 Mar 2024 10:28

Tgt Ion:119 Resp: 10496
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 27.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.916 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 6049

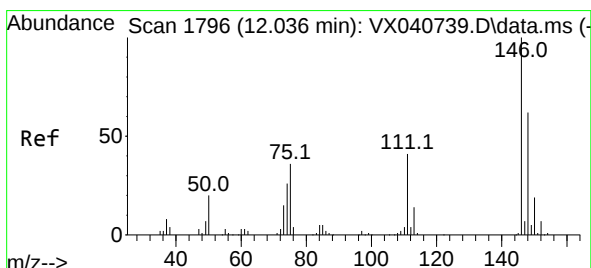
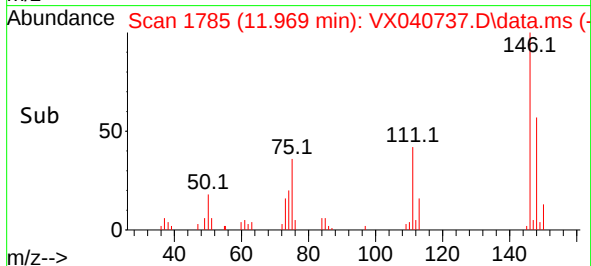
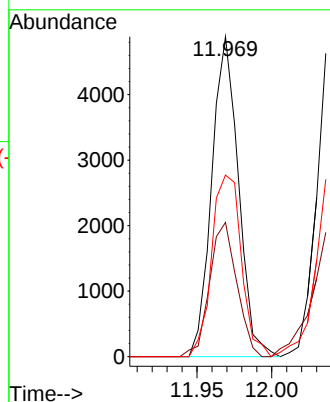
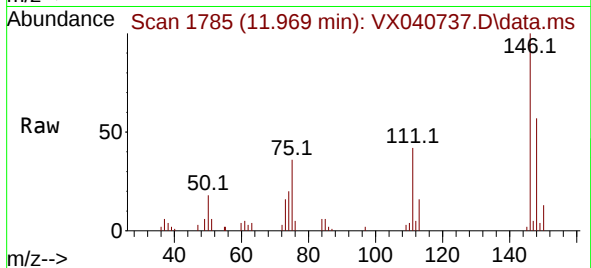
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#88

1,4-Dichlorobenzene

Concen: 4.807 ug/l

RT: 12.042 min Scan# 1797

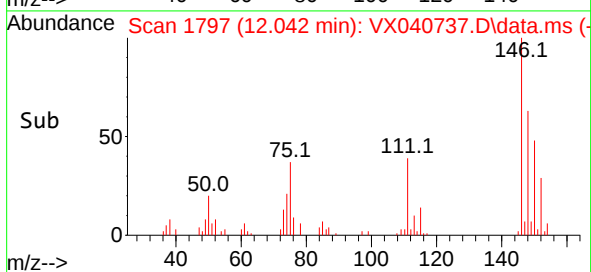
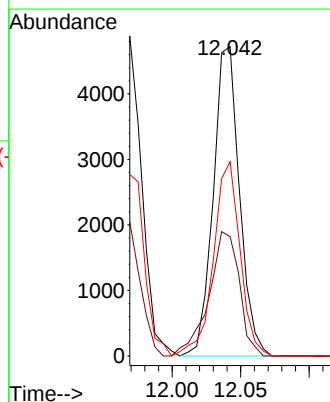
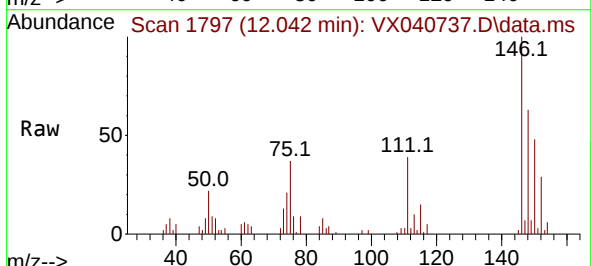
Delta R.T. 0.006 min

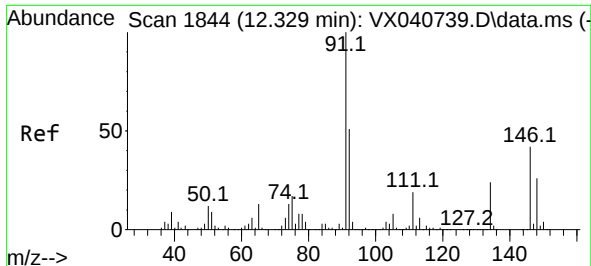
Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:146 Resp: 6278

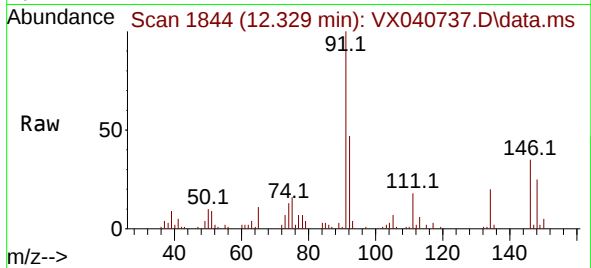
Ion	Ratio	Lower	Upper
146	100		
111	46.7	21.3	63.7
148	63.8	31.8	95.4





#89
n-Butylbenzene
Concen: 4.394 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

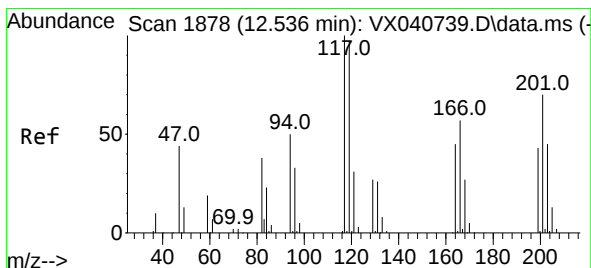
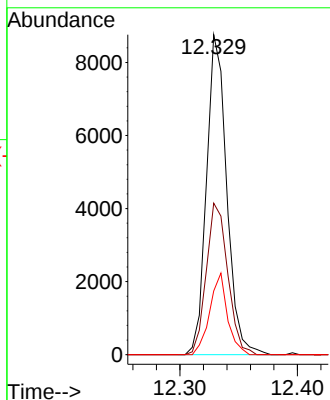
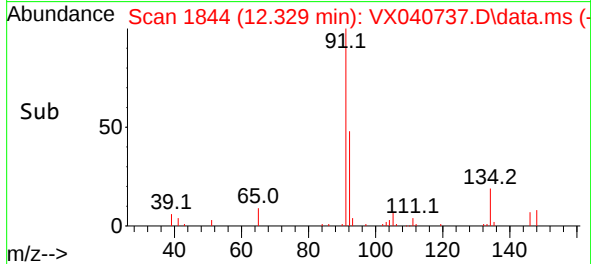
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 1045
Ion Ratio Lower Upper
91 100
92 50.2 27.4 82.0
134 22.4 12.6 37.8

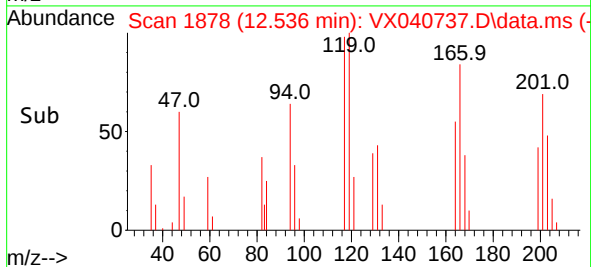
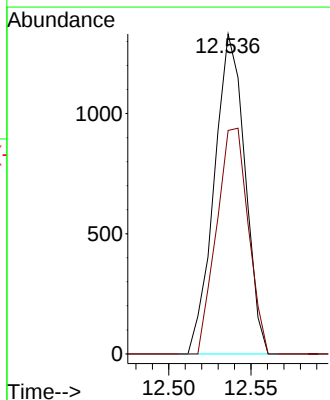
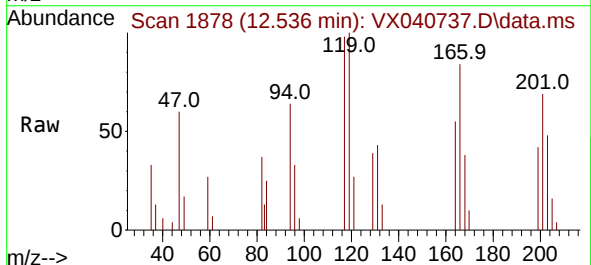
Manual Integrations
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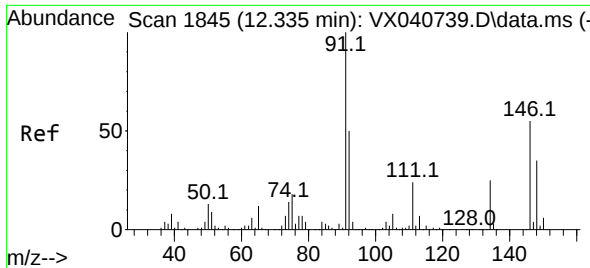
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#90
Hexachloroethane
Concen: 4.210 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion:117 Resp: 1729
Ion Ratio Lower Upper
117 100
201 72.9 32.9 98.6





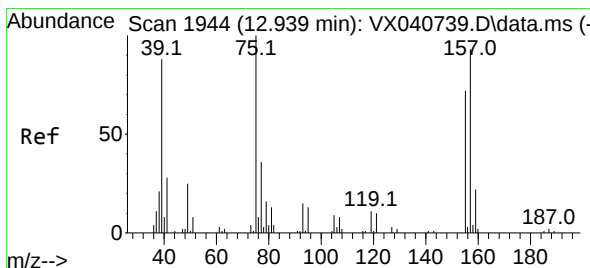
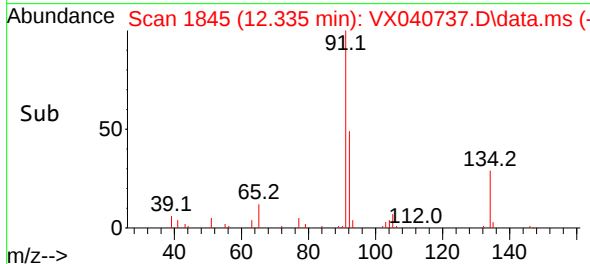
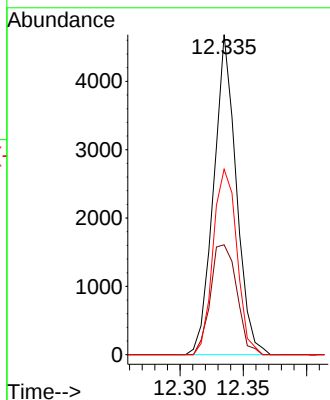
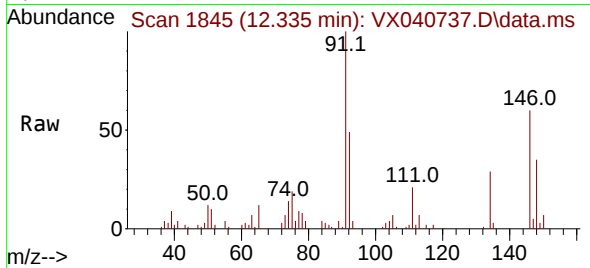
#91
1,2-Dichlorobenzene
Concen: 4.811 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion:146 Resp: 581
Ion Ratio Lower Upper
146 100
111 40.0 22.4 67.0
148 60.9 31.6 95.0

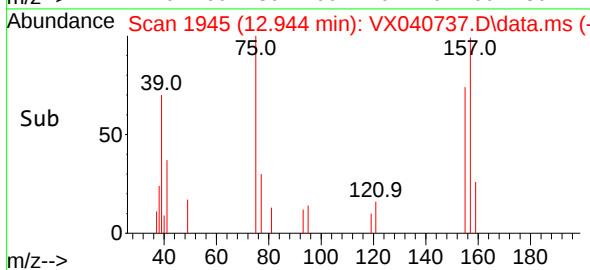
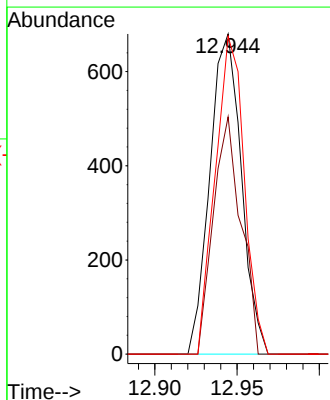
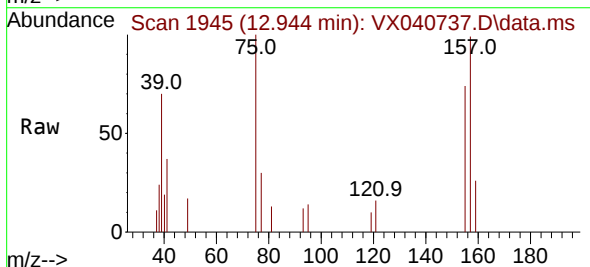
Manual Integrations
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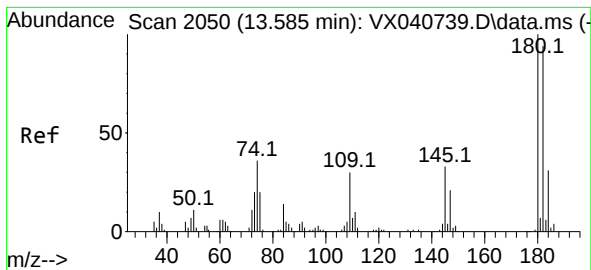
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.020 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040737.D
Acq: 21 Mar 2024 10:28

Tgt Ion: 75 Resp: 904
Ion Ratio Lower Upper
75 100
155 65.2 36.1 108.5
157 91.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.512 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

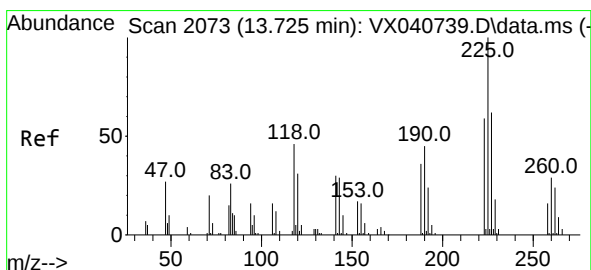
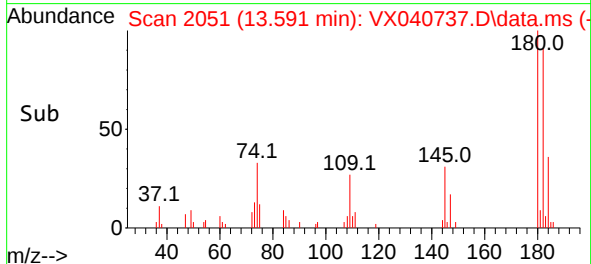
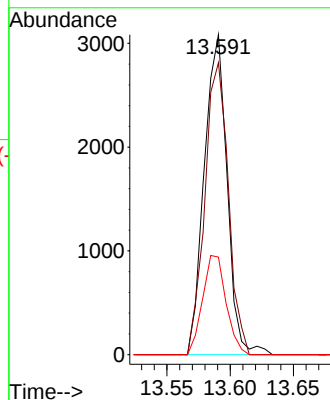
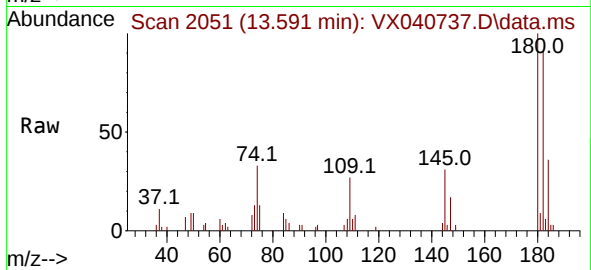
Tgt Ion:180	Resp:	3874
Ion Ratio	Lower	Upper
180	100	
182	94.0	48.3 144.8
145	31.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#94

Hexachlorobutadiene

Concen: 4.875 ug/l

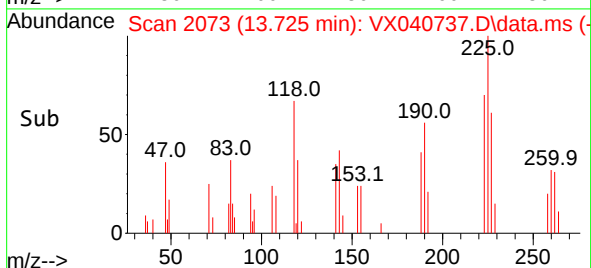
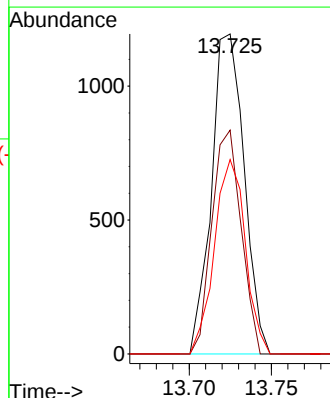
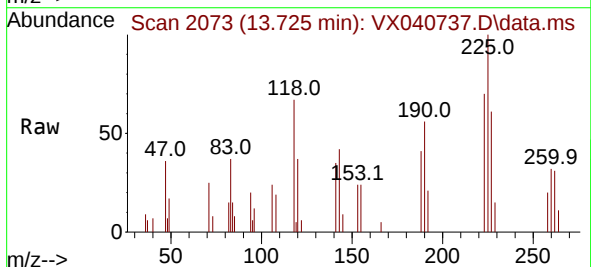
RT: 13.725 min Scan# 2073

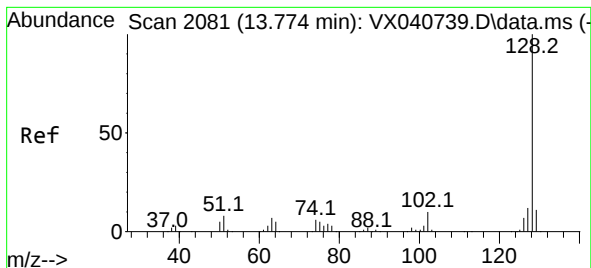
Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:225	Resp:	1650
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.1 93.2
227	57.5	32.5 97.5





#95

Naphthalene

Concen: 4.214 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

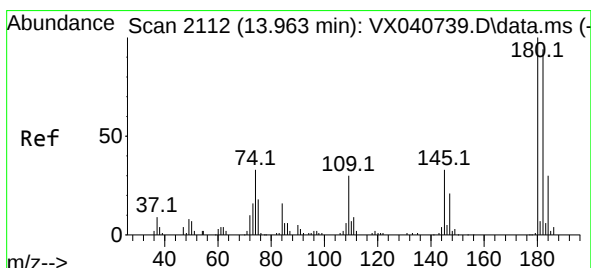
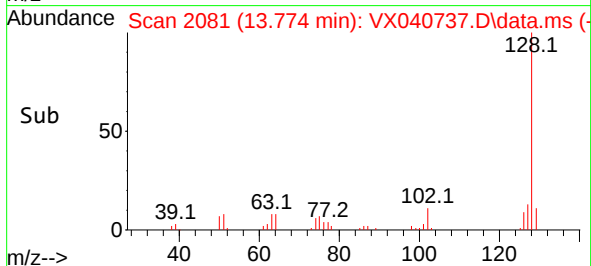
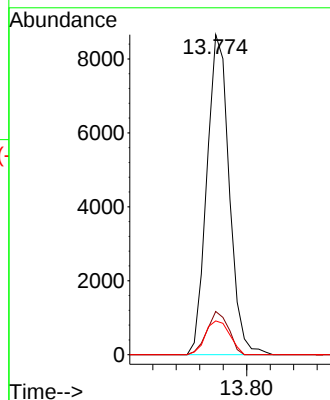
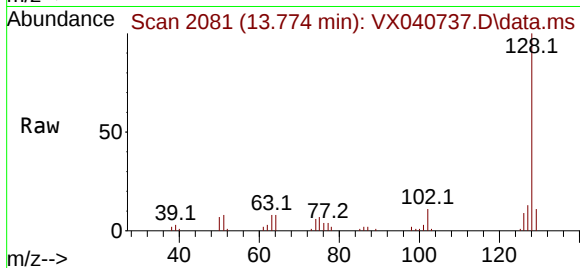
Tgt Ion:128	Resp:	1144
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.3 15.5
129	11.5	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.643 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX040737.D

Acq: 21 Mar 2024 10:28

Tgt Ion:180	Resp:	3917
Ion Ratio	Lower	Upper
180	100	
182	89.4	46.9 140.6
145	32.2	17.8 53.5

