

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040741.D
 Acq On : 21 Mar 2024 13:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 22 02:04:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	51812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	84731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40813	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126623	145.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.680%#			
35) Dibromofluoromethane	5.385	113	88792	140.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 280.100%#			
50) Toluene-d8	8.647	98	284933	131.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 262.500%#			
62) 4-Bromofluorobenzene	11.079	95	116463	135.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 271.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89801	133.933	ug/l	97
3) Chloromethane	1.294	50	82942	120.944	ug/l	99
4) Vinyl Chloride	1.374	62	86473	133.165	ug/l	97
5) Bromomethane	1.599	94	50496	115.355	ug/l	98
6) Chloroethane	1.672	64	54334	119.039	ug/l	99
7) Trichlorofluoromethane	1.880	101	151535	133.369	ug/l	99
8) Diethyl Ether	2.136	74	48425	132.592	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	85185	130.377	ug/l	98
10) Methyl Iodide	2.453	142	115339	133.328	ug/l	100
11) Tert butyl alcohol	2.983	59	97543	699.192	ug/l	# 90
12) 1,1-Dichloroethene	2.319	96	78848	128.839	ug/l	98
13) Acrolein	2.239	56	58707	711.089	ug/l	100
14) Allyl chloride	2.660	41	147997	134.934	ug/l	88
15) Acrylonitrile	3.062	53	233459	677.880	ug/l	98
16) Acetone	2.380	43	187803	608.603	ug/l	100
17) Carbon Disulfide	2.514	76	228509	129.991	ug/l	99
18) Methyl Acetate	2.703	43	108114	130.727	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	292637	138.543	ug/l	100
20) Methylene Chloride	2.788	84	88966	131.894	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	84100	130.173	ug/l	99
22) Diisopropyl ether	3.757	45	296487	138.531	ug/l	99
23) Vinyl Acetate	3.721	43	1424160	703.968	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165771	134.851	ug/l	98
25) 2-Butanone	4.550	43	325215	672.865	ug/l	97
26) 2,2-Dichloropropane	4.477	77	153687	143.291	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	101033	135.001	ug/l	99
28) Bromochloromethane	4.897	49	82960	147.554	ug/l	99
29) Tetrahydrofuran	4.995	42	220286	685.206	ug/l	99
30) Chloroform	5.093	83	179349	136.275	ug/l	97
31) Cyclohexane	5.471	56	141003	136.220	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	163445	144.487	ug/l	99
36) 1,1-Dichloropropene	5.690	75	124117	132.959	ug/l	99
37) Ethyl Acetate	4.708	43	141337	133.333	ug/l	99
38) Carbon Tetrachloride	5.678	117	142811	135.918	ug/l	99
39) Methylcyclohexane	7.379	83	145693	140.876	ug/l	98
40) Benzene	6.037	78	345840	134.166	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76859	141.426	ug/l	96
42) 1,2-Dichloroethane	6.086	62	148851	142.703	ug/l	98
43) Isopropyl Acetate	6.336	43	236773	142.243	ug/l	98
44) Trichloroethene	7.123	130	84000	135.956	ug/l	97
45) 1,2-Dichloropropane	7.427	63	84588	139.866	ug/l	97
46) Dibromomethane	7.580	93	67319	140.544	ug/l	98
47) Bromodichloromethane	7.818	83	135225	138.165	ug/l	99
48) Methyl methacrylate	7.690	41	111739	146.870	ug/l	94
49) 1,4-Dioxane	7.659	88	34937	2720.950	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	685144	663.711	ug/l	97
52) Toluene	8.714	92	203541	132.399	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	147732	145.913	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	147250	140.626	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	83069	132.687	ug/l	95
56) Ethyl methacrylate	9.116	69	151536	144.811	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	143685	134.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	470039	855.863	ug/l	97
59) 2-Hexanone	9.433	43	567435	709.587	ug/l	97
60) Dibromochloromethane	9.519	129	102596	139.458	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89116	134.799	ug/l	99
64) Tetrachloroethene	9.275	164	75909	137.272	ug/l	99
65) Chlorobenzene	10.079	112	226497	134.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79629	138.972	ug/l	99
67) Ethyl Benzene	10.195	91	415936	137.932	ug/l	98
68) m/p-Xylenes	10.299	106	301561	273.142	ug/l	95
69) o-Xylene	10.640	106	145837	137.501	ug/l	93
70) Styrene	10.653	104	255972	144.168	ug/l	97
71) Bromoform	10.799	173	74631	159.472	ug/l #	99
73) Isopropylbenzene	10.963	105	417186	134.717	ug/l	100
74) N-amyl acetate	10.842	43	226909	148.822	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	132814	126.687	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	112355m	127.559	ug/l	
77) Bromobenzene	11.195	156	96225	128.373	ug/l	97
78) n-propylbenzene	11.305	91	501322	131.294	ug/l	98
79) 2-Chlorotoluene	11.366	91	298754	135.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	357318	137.638	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	48599	140.064	ug/l #	92
82) 4-Chlorotoluene	11.451	91	367958	133.154	ug/l	99
83) tert-Butylbenzene	11.713	119	353495	135.761	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	362246	138.640	ug/l	99
85) sec-Butylbenzene	11.890	105	446733	134.919	ug/l	100
86) p-Isopropyltoluene	12.006	119	383744	139.765	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	198060	138.365	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	201632	132.637	ug/l	100
89) n-Butylbenzene	12.329	91	387901	140.101	ug/l	95
90) Hexachloroethane	12.536	117	67243	140.648	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	187370	133.233	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35373	135.134	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	137100	137.170	ug/l	99
94) Hexachlorobutadiene	13.725	225	52150	132.374	ug/l	99
95) Naphthalene	13.774	128	438233	138.588	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	129582	131.959	ug/l	99

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Response via : Initial Calibration

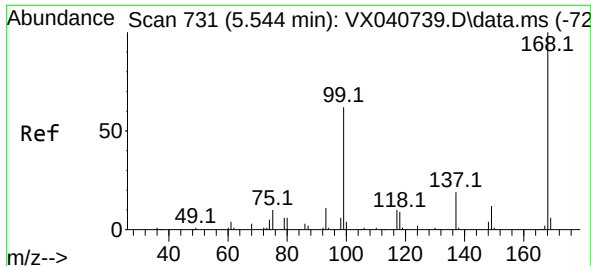
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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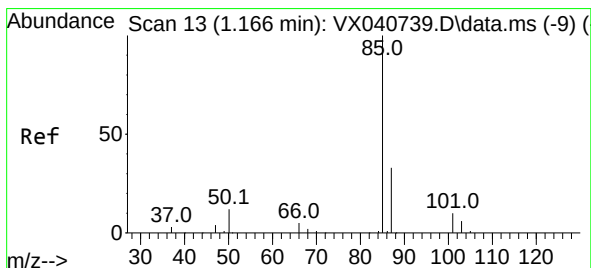
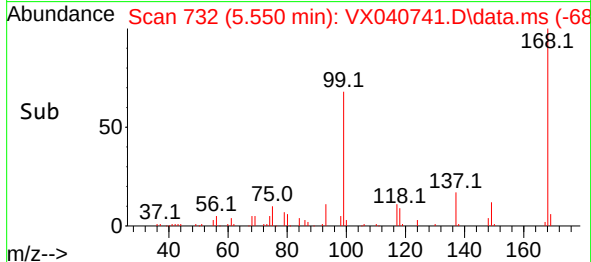
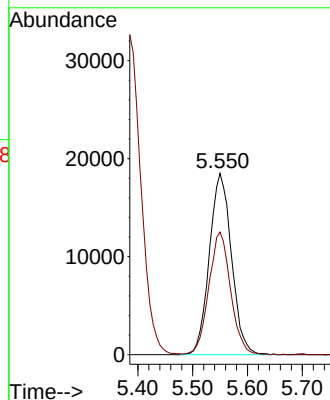
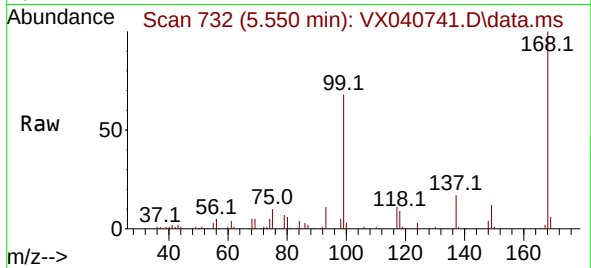
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040741.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 5181
Ion Ratio Lower Upper
168 100
99 67.6 56.6 85.0

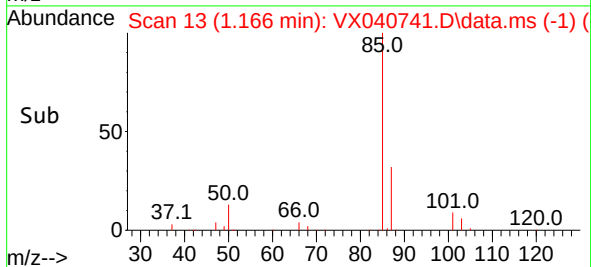
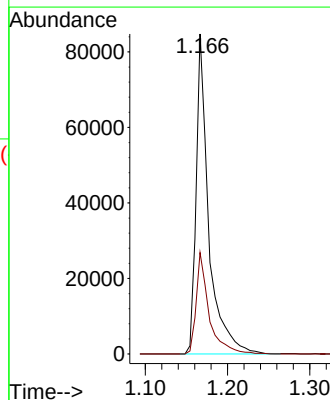
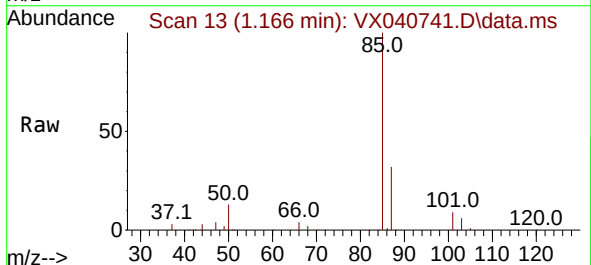
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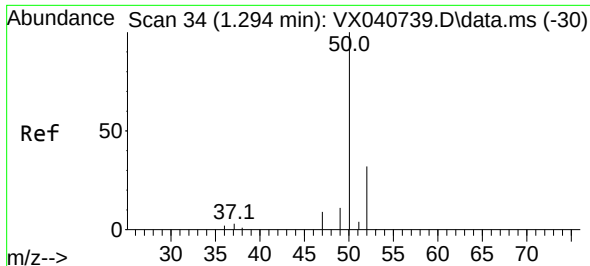
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#2
Dichlorodifluoromethane
Concen: 133.933 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 85 Resp: 89801
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





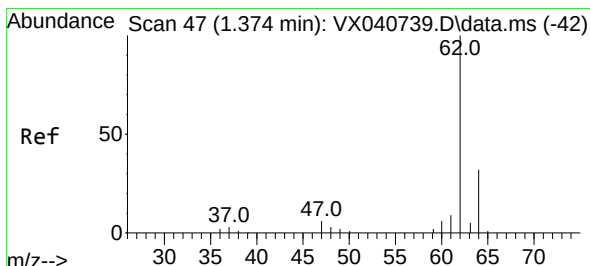
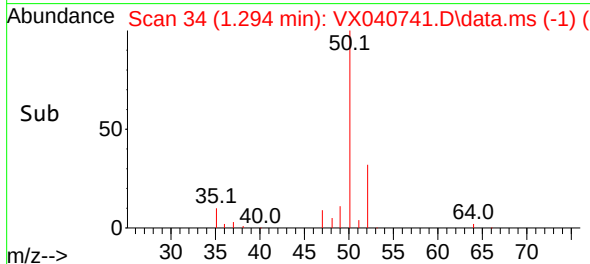
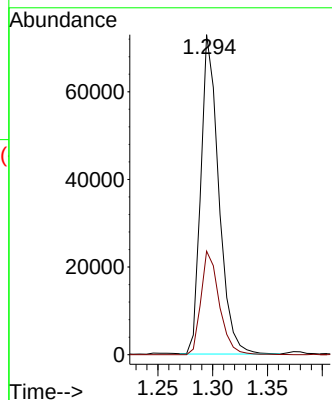
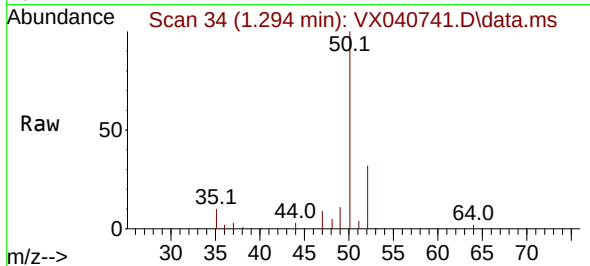
#3
Chloromethane
Concen: 120.944 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 8294
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

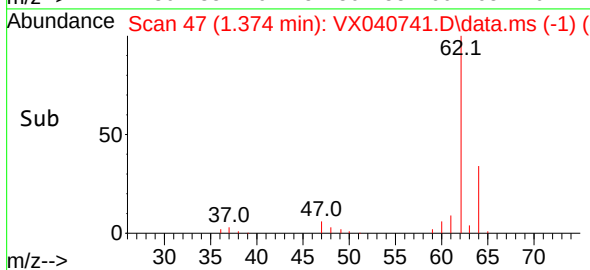
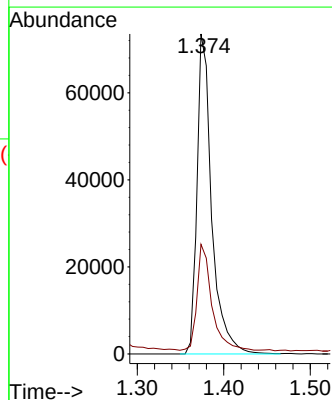
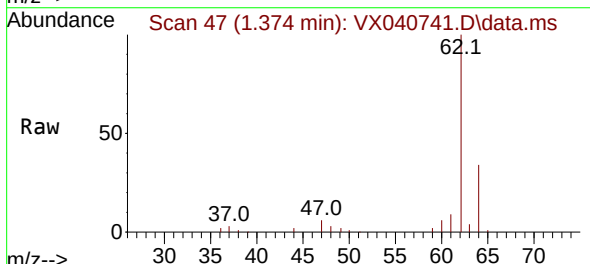
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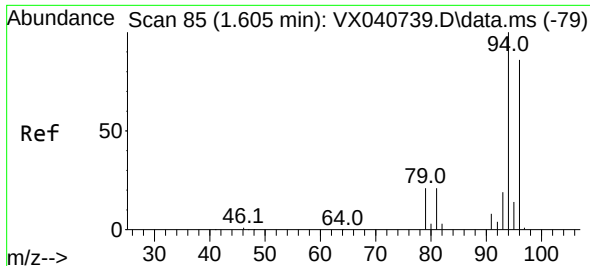
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#4
Vinyl Chloride
Concen: 133.165 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 62 Resp: 86473
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





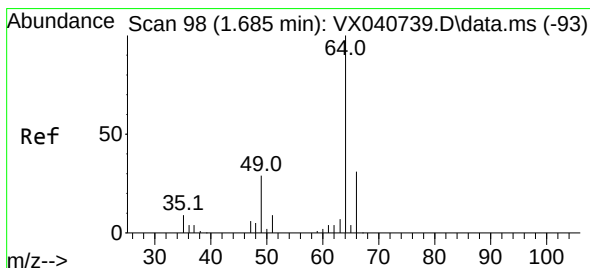
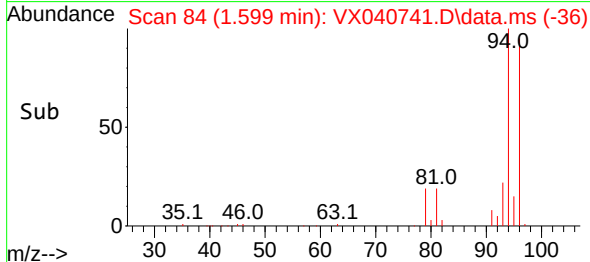
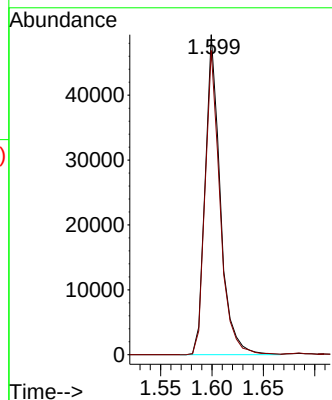
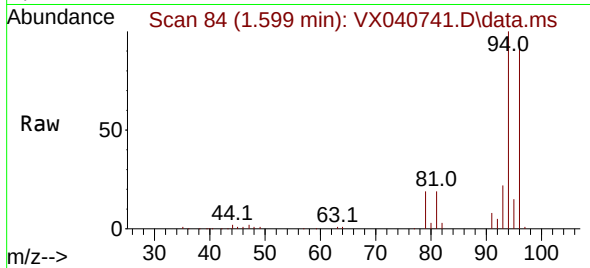
#5
Bromomethane
Concen: 115.355 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX040741.D
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Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 50490
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8

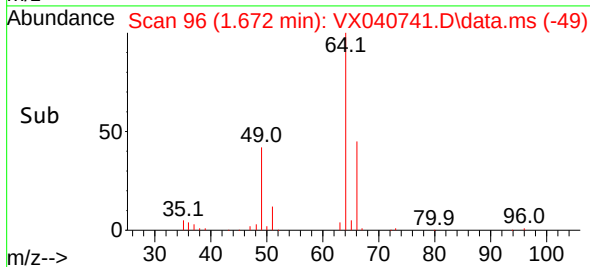
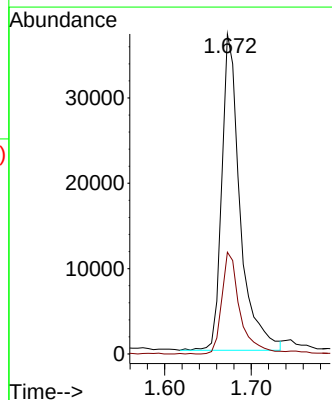
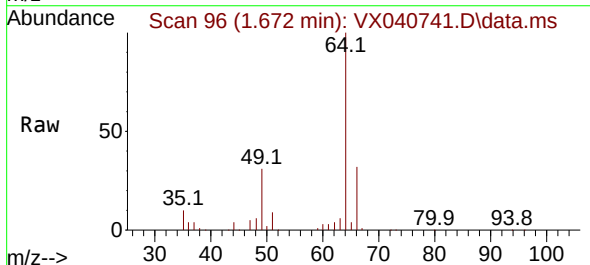
Manual Integrations
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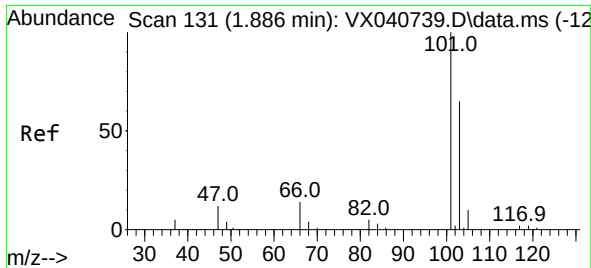
Reviewed By :John Carlone 03/25/2024
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#6
Chloroethane
Concen: 119.039 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX040741.D
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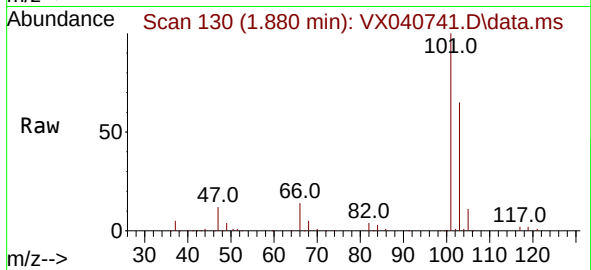
Tgt Ion: 64 Resp: 54334
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 133.369 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040741.D
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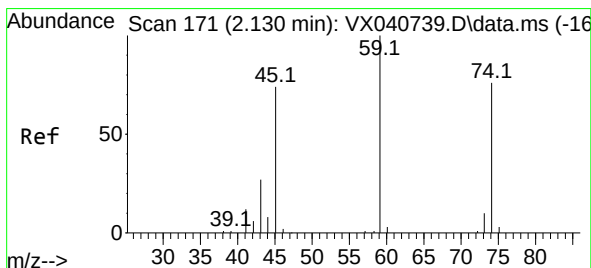
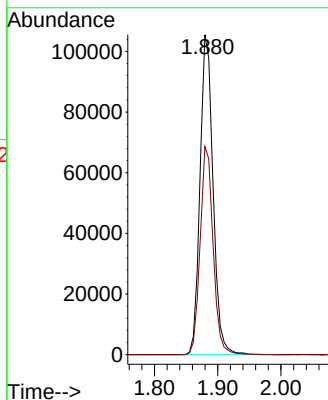
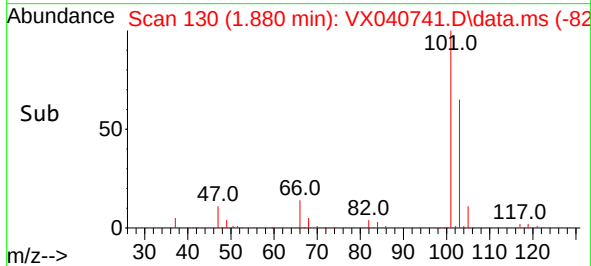
Instrument :
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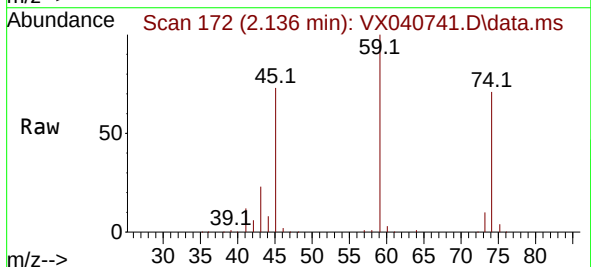
Tgt Ion:101 Resp: 15153
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

Manual Integrations
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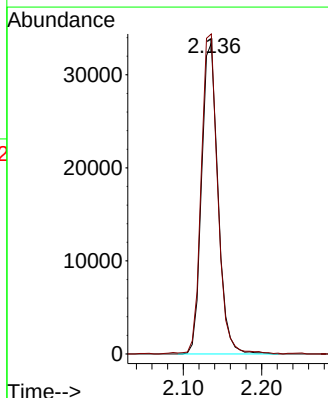
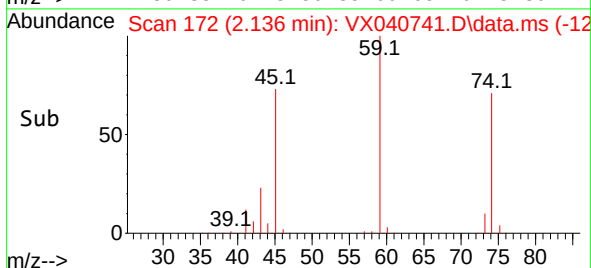
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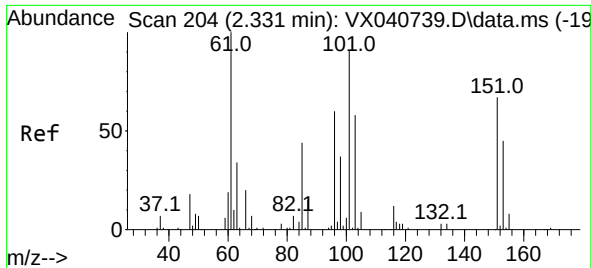


#8
 Diethyl Ether
 Concen: 132.592 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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 Acq: 21 Mar 2024 13:47



Tgt Ion: 74 Resp: 48425
 Ion Ratio Lower Upper
 74 100
 45 104.1 53.3 159.8





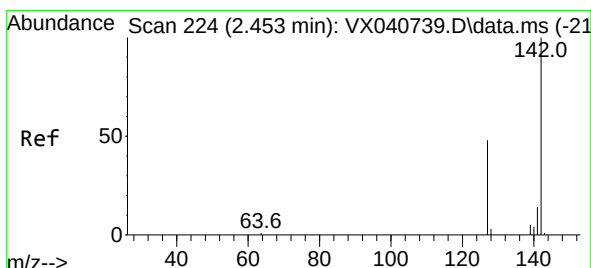
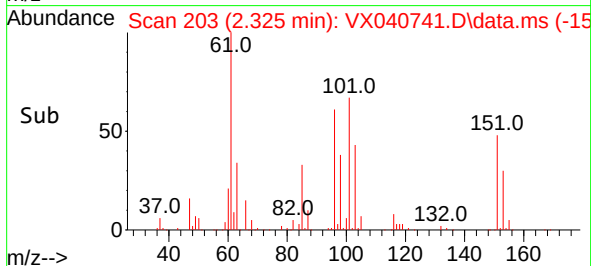
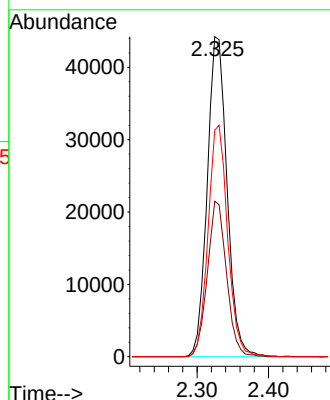
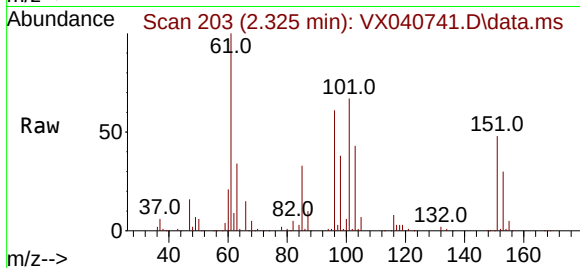
#9
1,1,2-Trichlorotrifluoroethane
Concen: 130.377 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 8518
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 71.6 58.6 87.8

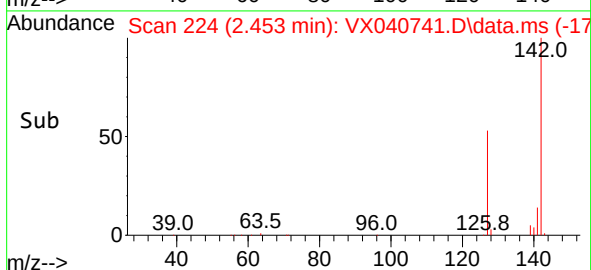
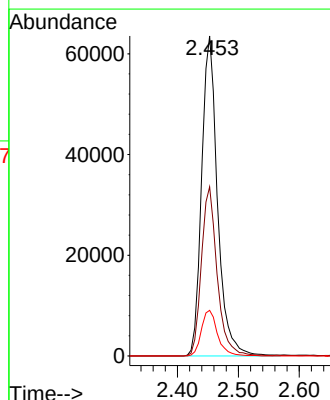
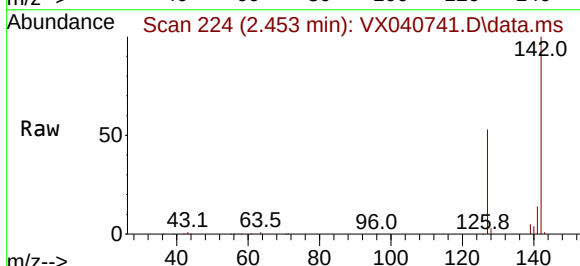
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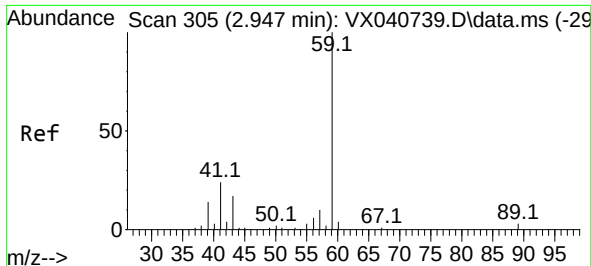
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#10
Methyl Iodide
Concen: 133.328 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion:142 Resp: 115339
Ion Ratio Lower Upper
142 100
127 52.3 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 699.192 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.036 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 9754

Ion Ratio Lower Upper

59 100

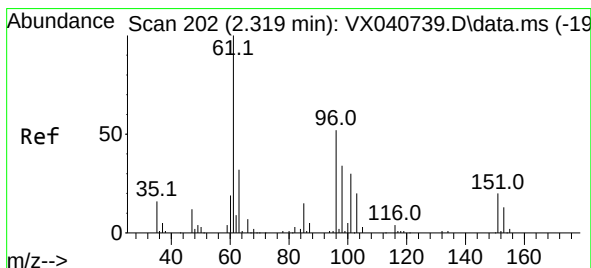
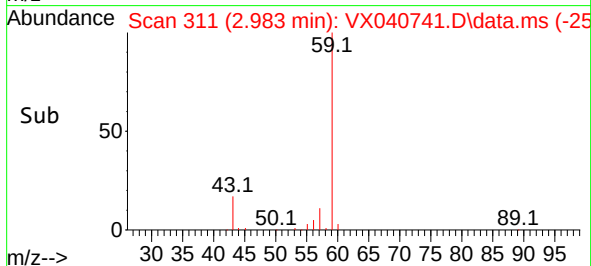
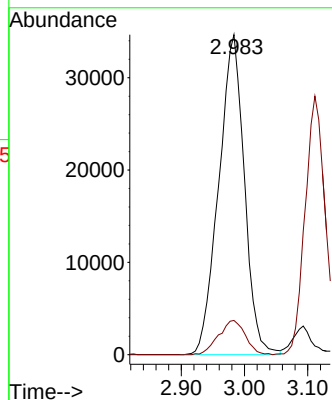
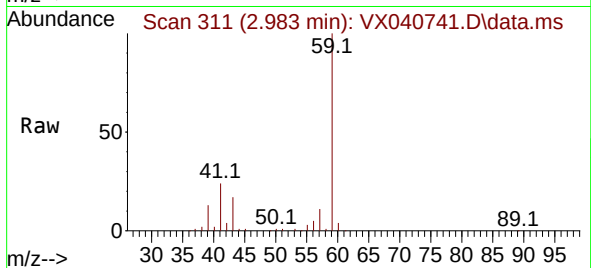
57 11.2 6.0 9.0

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#12

1,1-Dichloroethene

Concen: 128.839 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

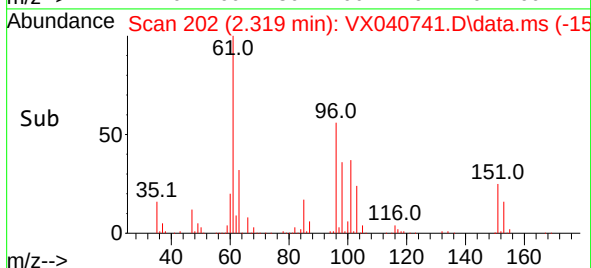
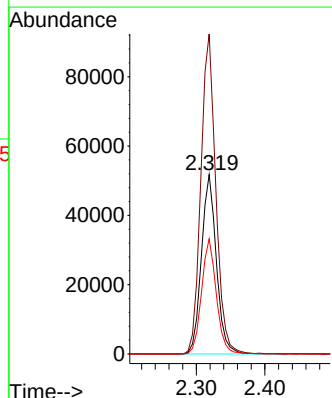
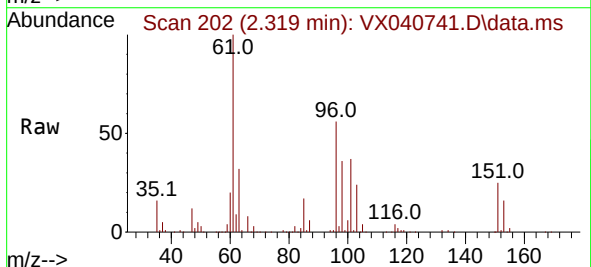
Tgt Ion: 96 Resp: 78848

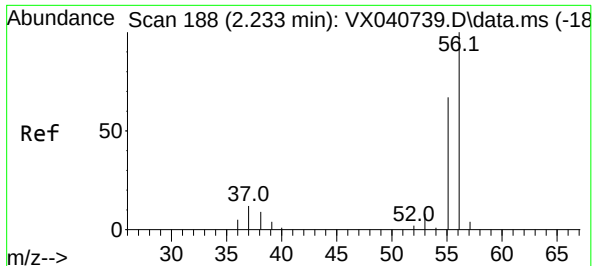
Ion Ratio Lower Upper

96 100

61 178.3 144.6 216.8

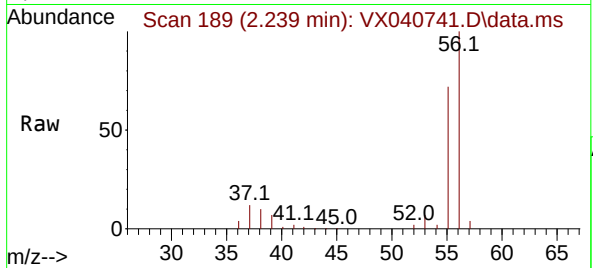
98 64.2 50.4 75.6





#13
Acrolein
Concen: 711.089 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

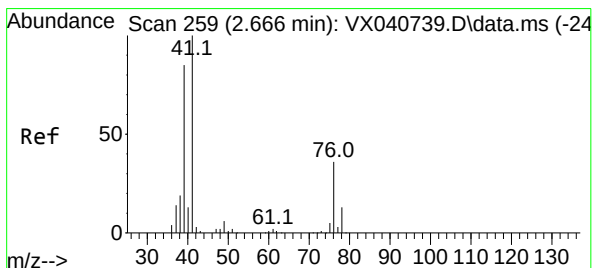
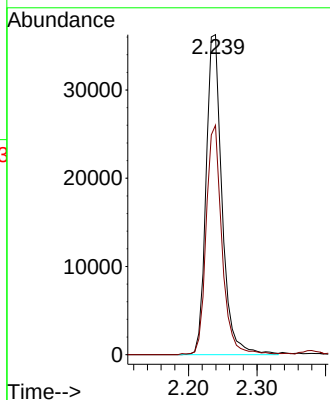
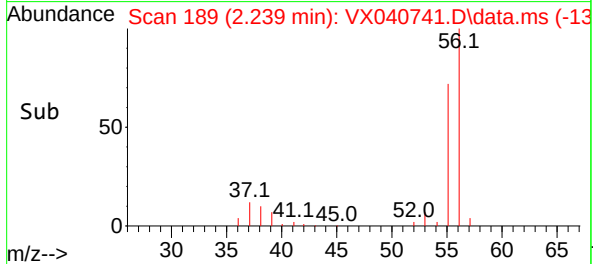
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 5870
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

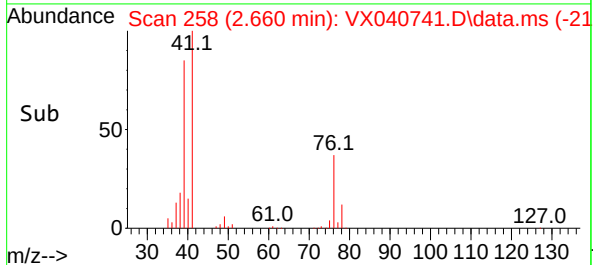
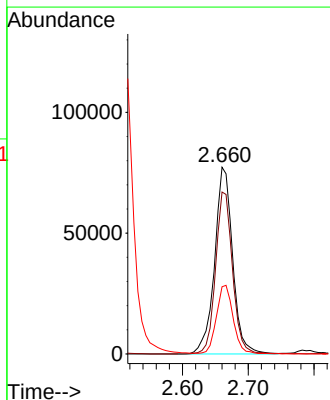
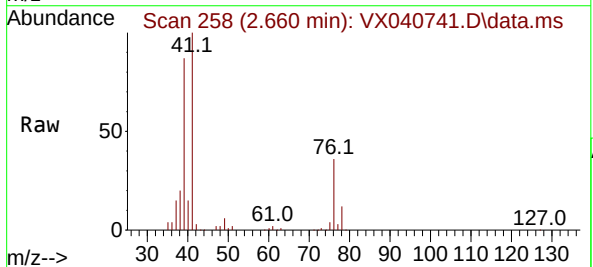
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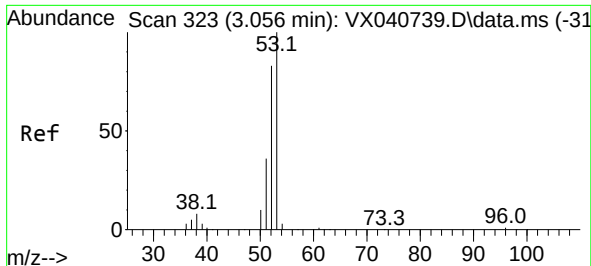
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#14
Allyl chloride
Concen: 134.934 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 41 Resp: 147997
Ion Ratio Lower Upper
41 100
39 81.4 55.8 83.6
76 34.2 24.3 36.5





#15

Acrylonitrile

Concen: 677.880 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

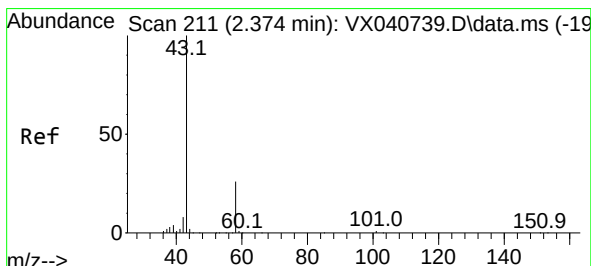
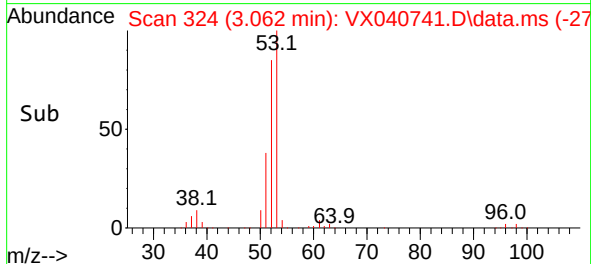
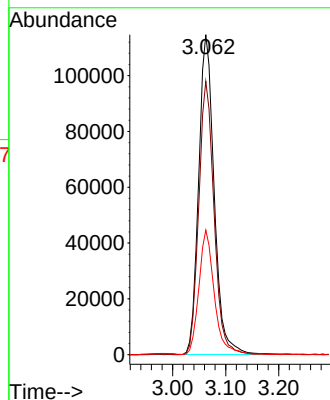
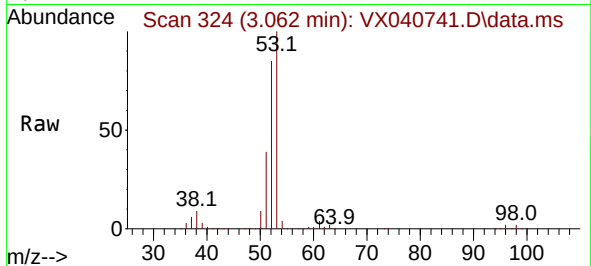
Tgt Ion: 53 Resp: 233459
 Ion Ratio Lower Upper
 53 100
 52 84.1 66.0 99.0
 51 38.6 29.8 44.6

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#16

Acetone

Concen: 608.603 ug/l

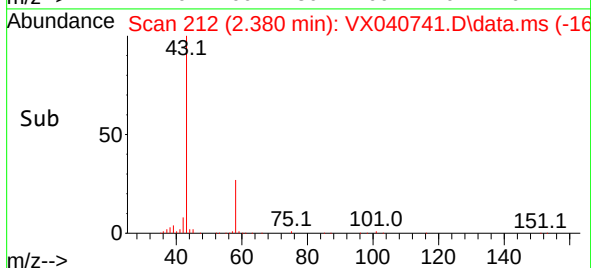
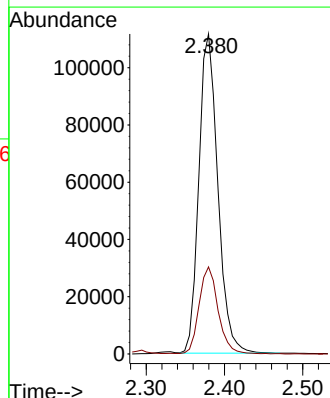
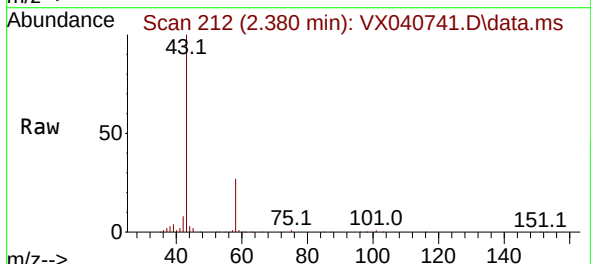
RT: 2.380 min Scan# 212

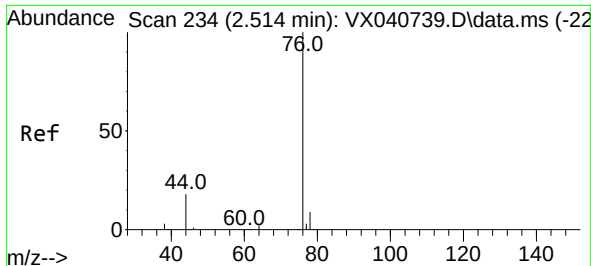
Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

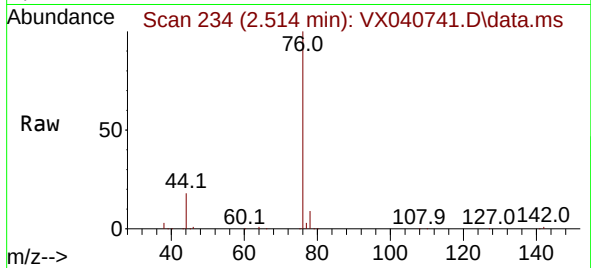
Tgt Ion: 43 Resp: 187803
 Ion Ratio Lower Upper
 43 100
 58 27.2 21.9 32.9





#17
Carbon Disulfide
Concen: 129.991 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

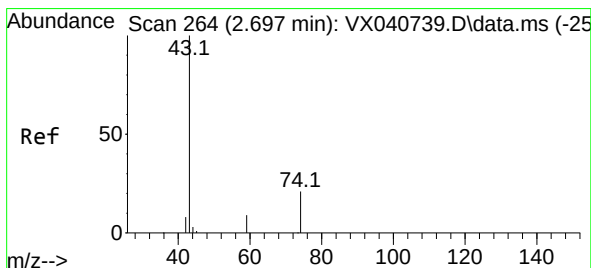
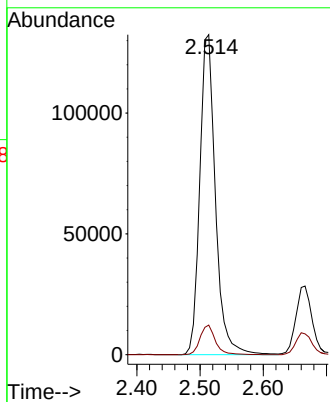
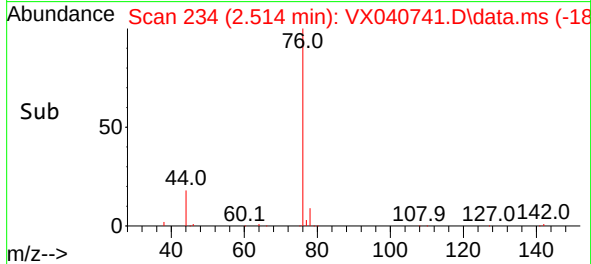
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 228509
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

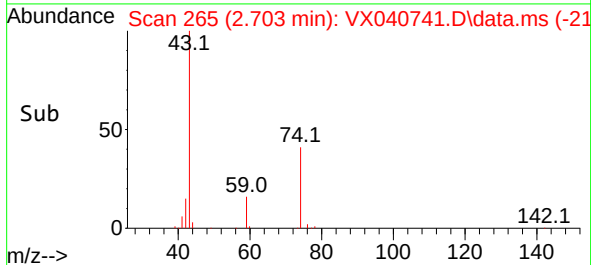
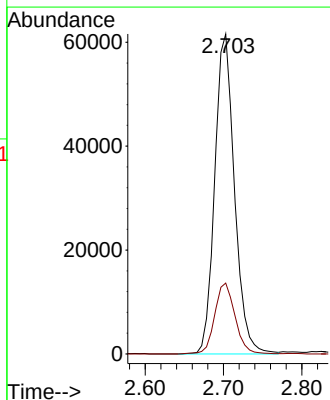
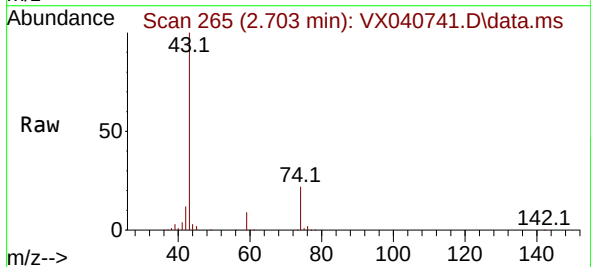
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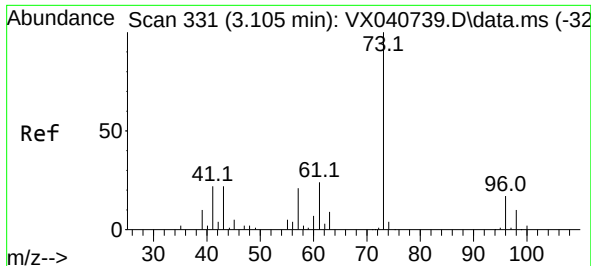
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#18
Methyl Acetate
Concen: 130.727 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 43 Resp: 108114
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





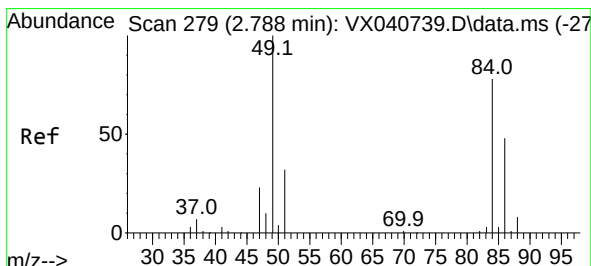
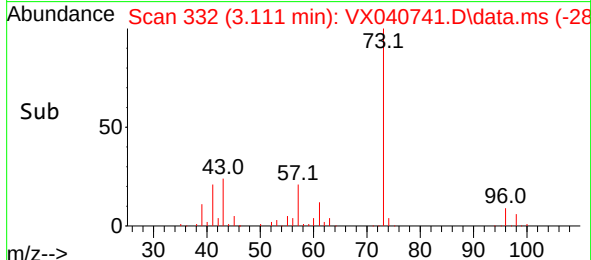
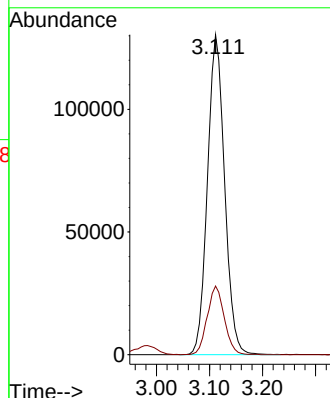
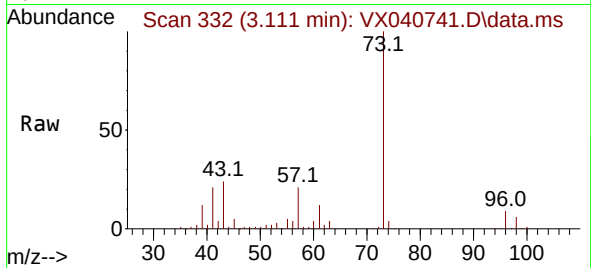
#19
Methyl tert-butyl Ether
Concen: 138.543 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 29263
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

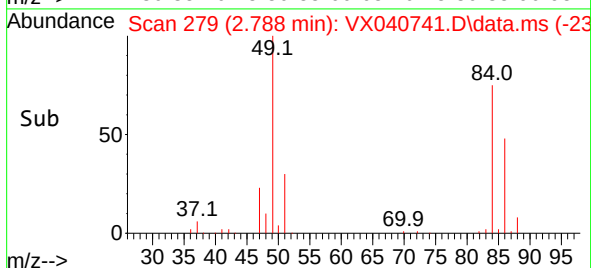
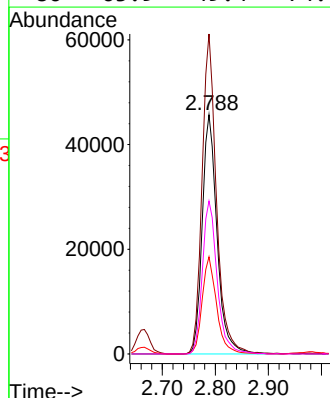
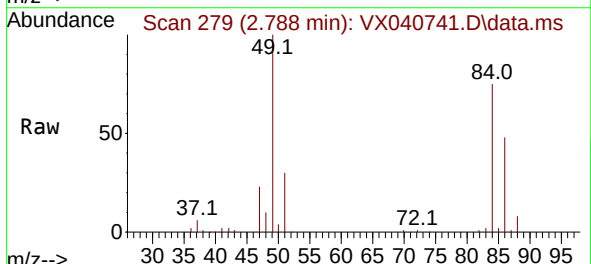
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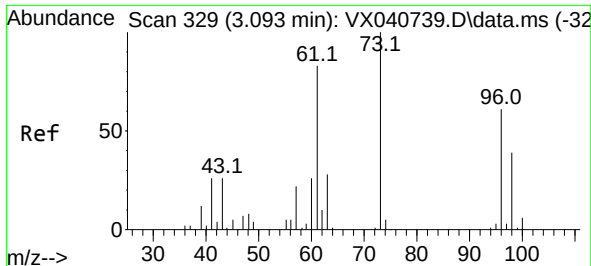
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#20
Methylene Chloride
Concen: 131.894 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 84 Resp: 88966
Ion Ratio Lower Upper
84 100
49 133.8 103.6 155.4
51 40.6 33.8 50.6
86 63.9 49.4 74.0





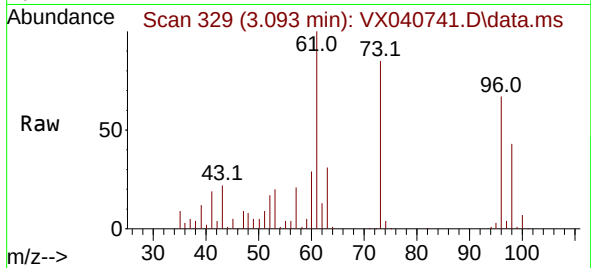
#21
trans-1,2-Dichloroethene
Concen: 130.173 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



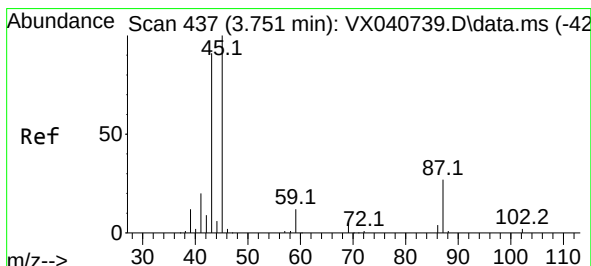
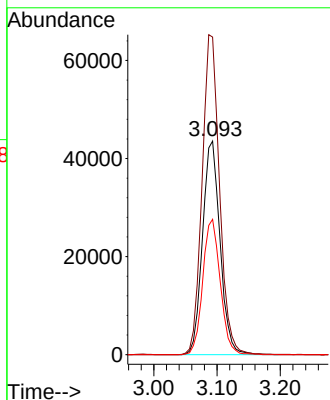
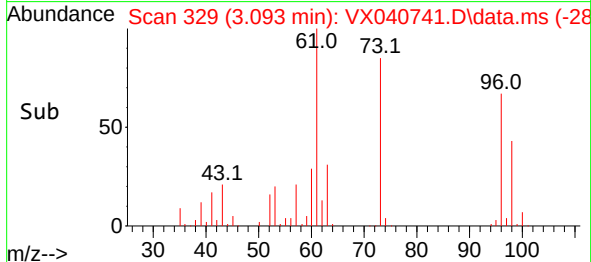
Tgt Ion: 96 Resp: 84100
Ion Ratio Lower Upper
96 100
61 148.7 119.2 178.8
98 63.4 48.7 73.1

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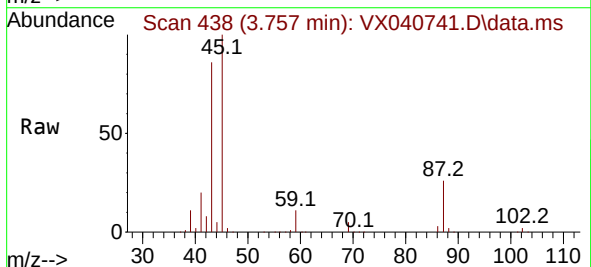
APPROVED

Reviewed By :John Carlone 03/25/2024

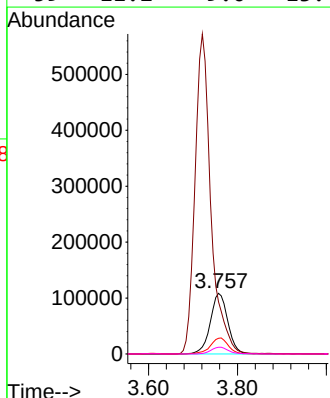
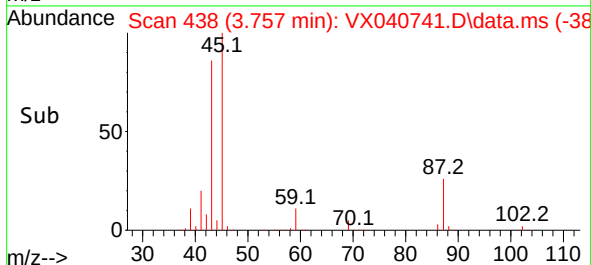
Supervised By :Mahesh Dadoda 03/25/2024

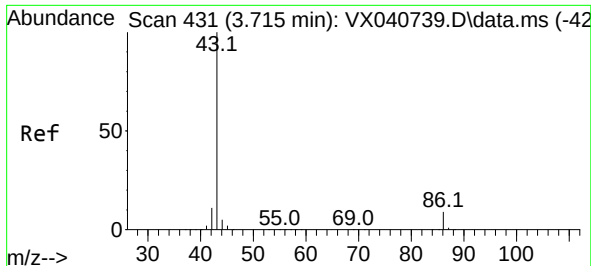


#22
Diisopropyl ether
Concen: 138.531 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47



Tgt Ion: 45 Resp: 296487
Ion Ratio Lower Upper
45 100
43 85.9 69.7 104.5
87 25.9 20.8 31.2
59 11.2 9.0 13.4





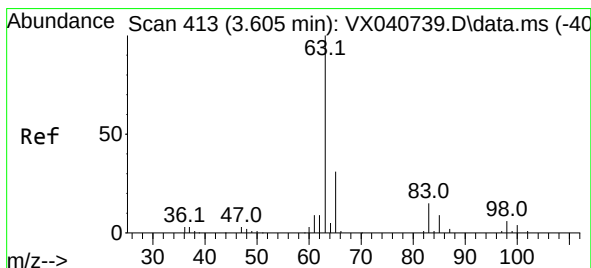
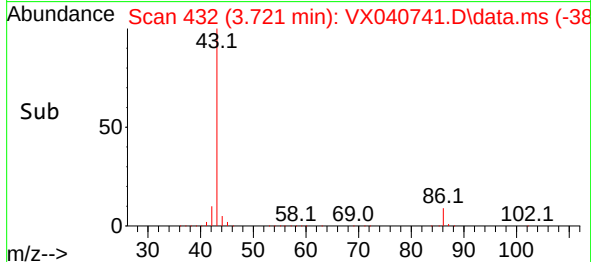
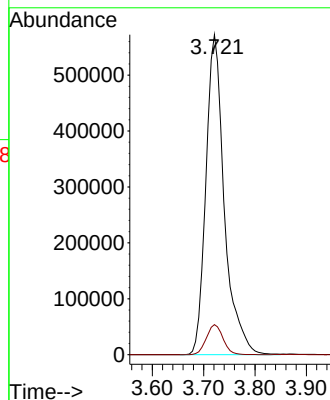
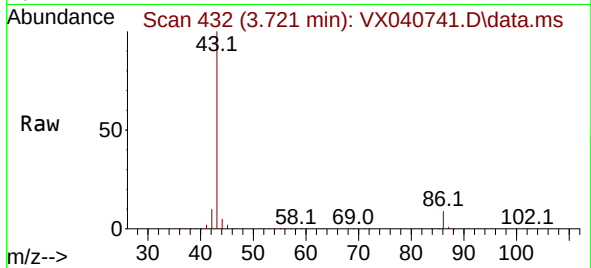
#23
 Vinyl Acetate
 Concen: 703.968 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX040741.D
 Acq: 21 Mar 2024 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 1424160
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

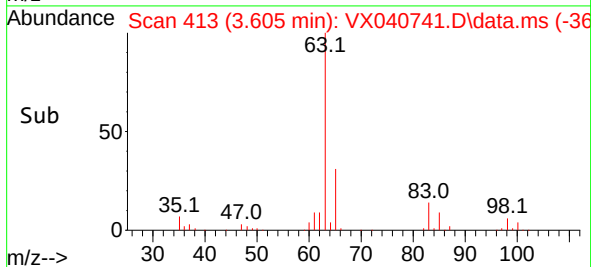
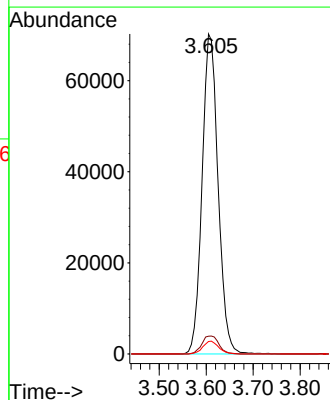
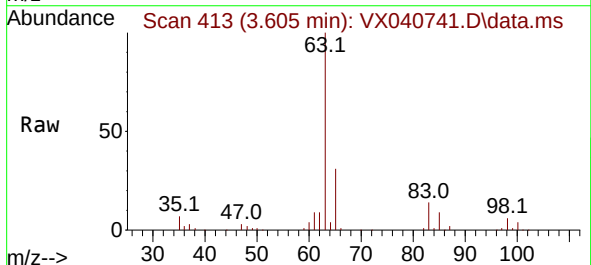
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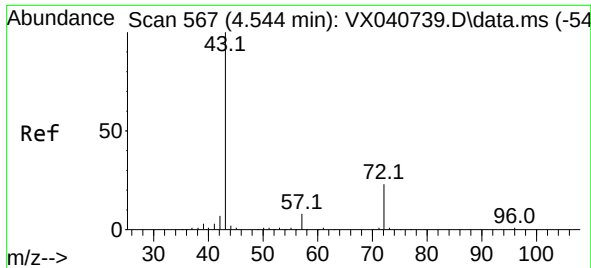
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#24
 1,1-Dichloroethane
 Concen: 134.851 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040741.D
 Acq: 21 Mar 2024 13:47

Tgt Ion: 63 Resp: 165771
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 3.9 2.1 6.5





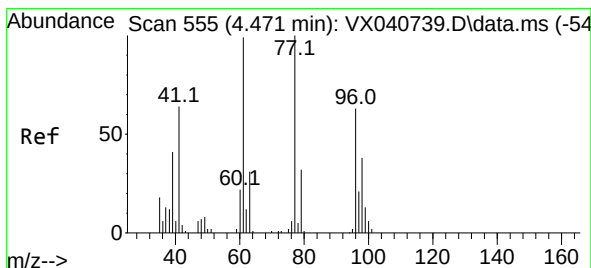
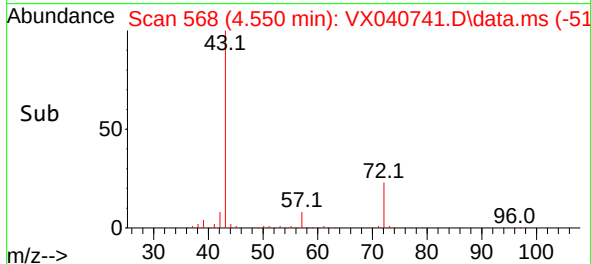
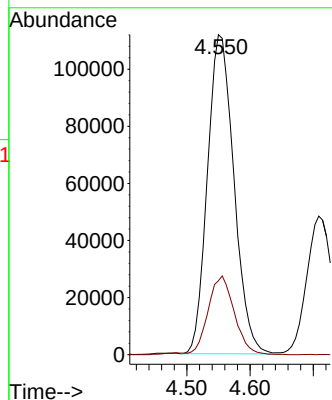
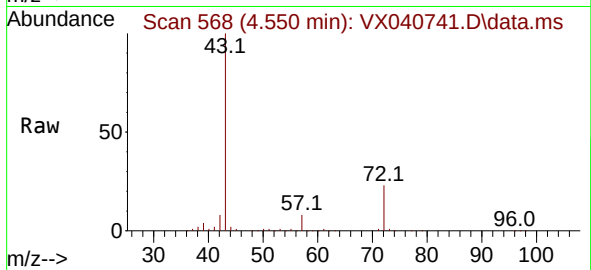
#25
2-Butanone
Concen: 672.865 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 325215
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2

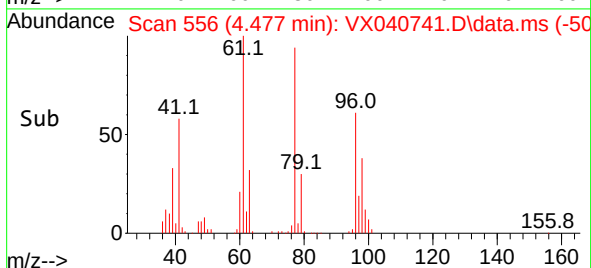
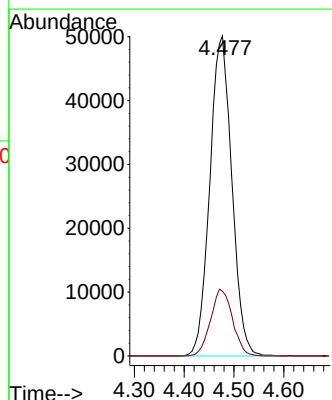
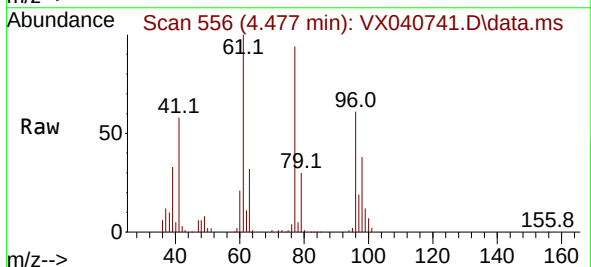
Manual Integrations
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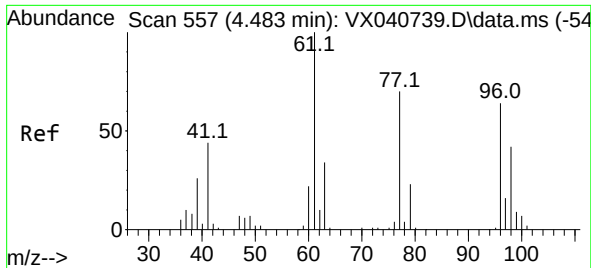
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#26
2,2-Dichloropropane
Concen: 143.291 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 77 Resp: 153687
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.3





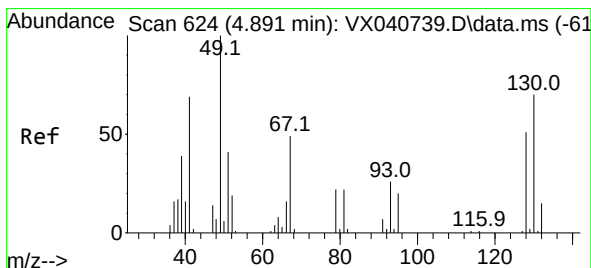
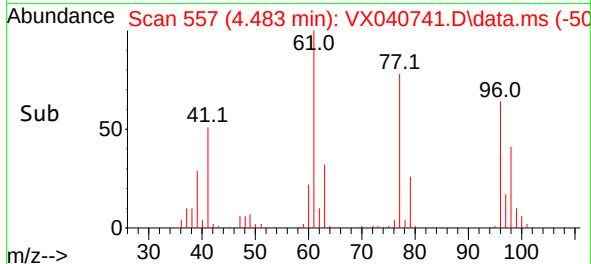
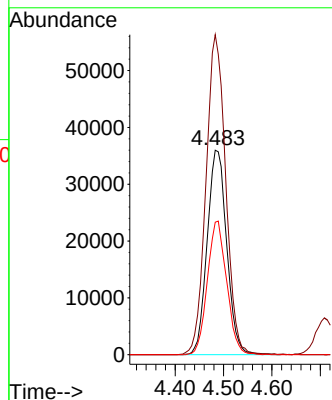
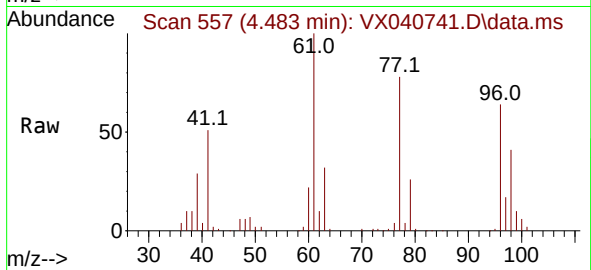
#27
 cis-1,2-Dichloroethene
 Concen: 135.001 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX040741.D
 Acq: 21 Mar 2024 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 10103
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 312.2
 98 64.5 0.0 129.0

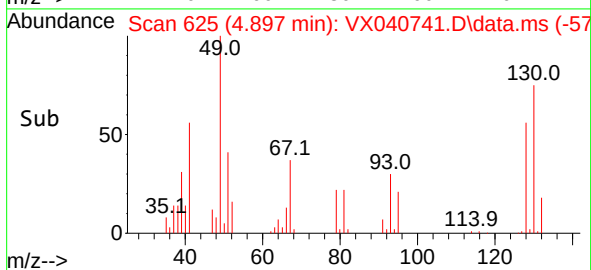
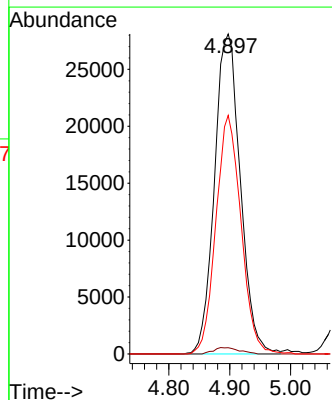
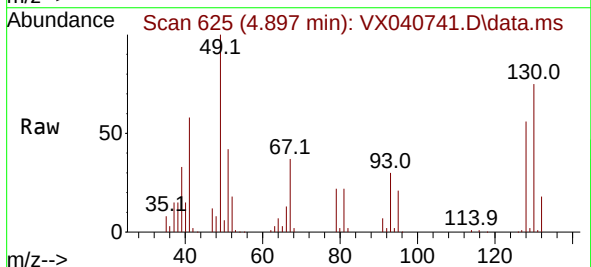
Manual Integrations
 APPROVED

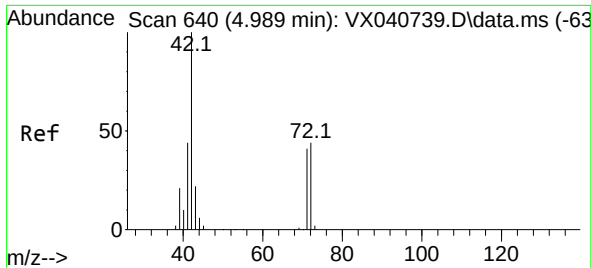
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#28
 Bromochloromethane
 Concen: 147.554 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX040741.D
 Acq: 21 Mar 2024 13:47

Tgt Ion: 49 Resp: 82960
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 72.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 685.206 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 220280

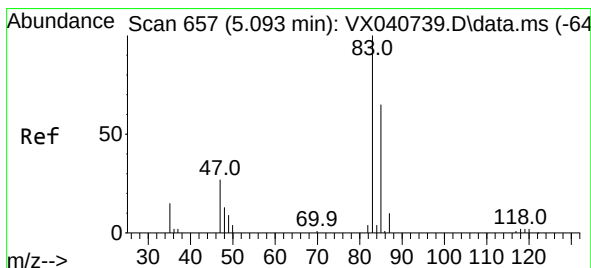
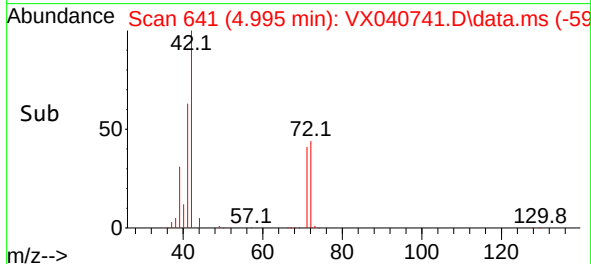
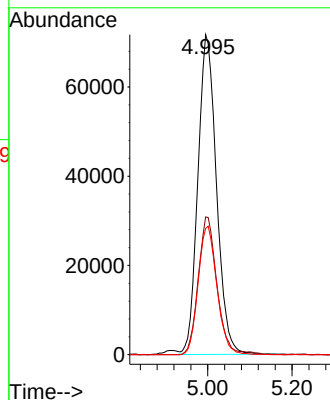
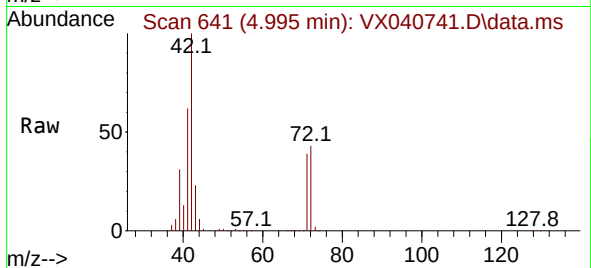
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.2	51.4
71	40.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#30

Chloroform

Concen: 136.275 ug/l

RT: 5.093 min Scan# 657

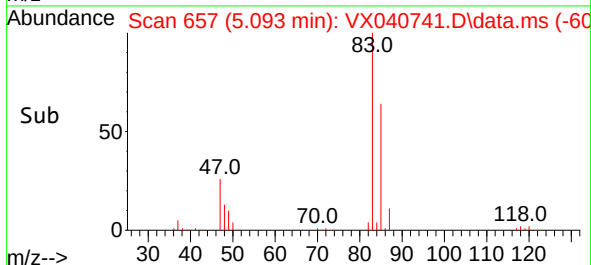
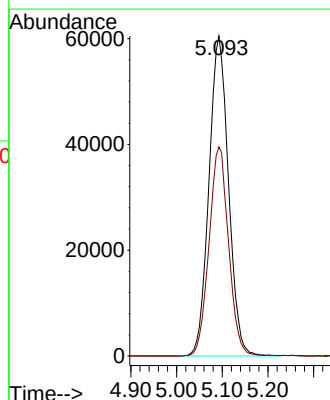
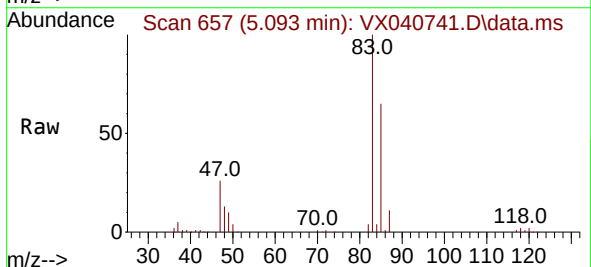
Delta R.T. -0.000 min

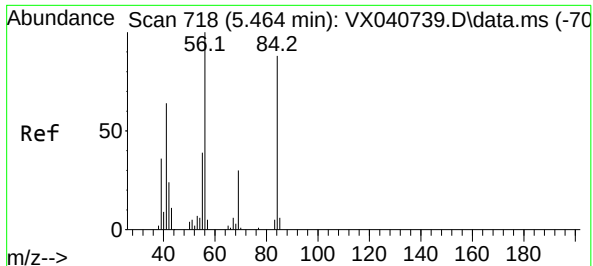
Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Tgt Ion: 83 Resp: 179349

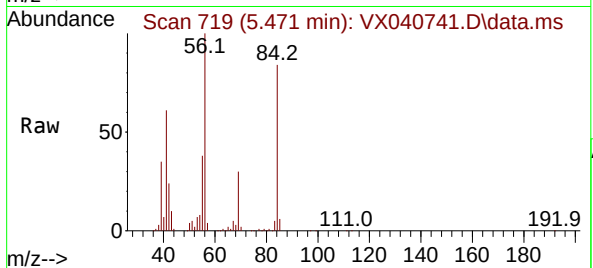
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5





#31
Cyclohexane
Concen: 136.220 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

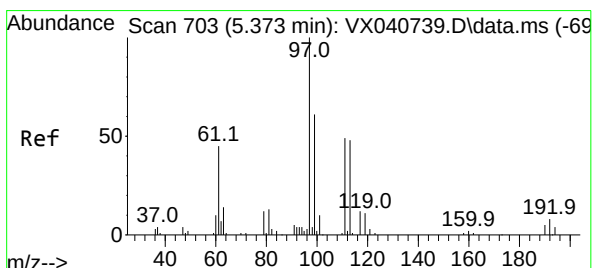
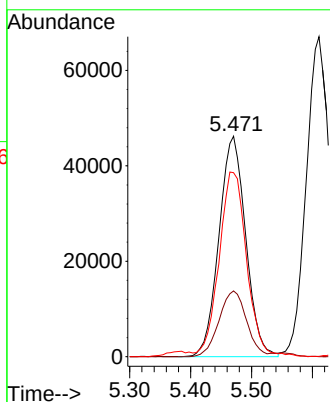
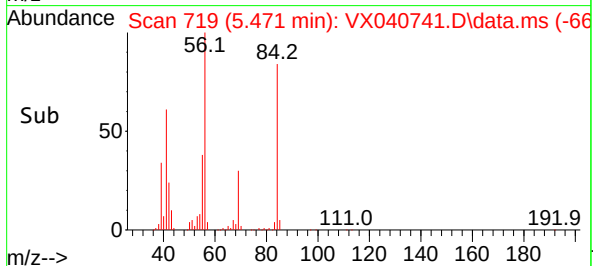
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



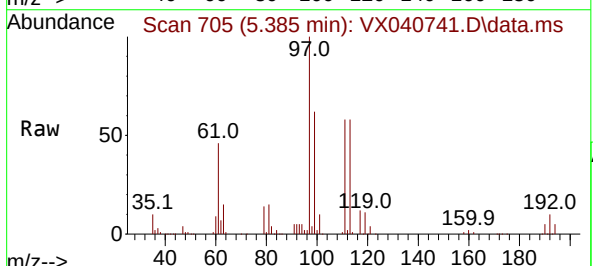
Tgt Ion: 56 Resp: 14100
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 82.2 65.9 98.9

Manual Integrations
APPROVED

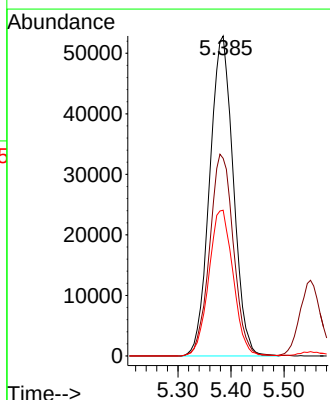
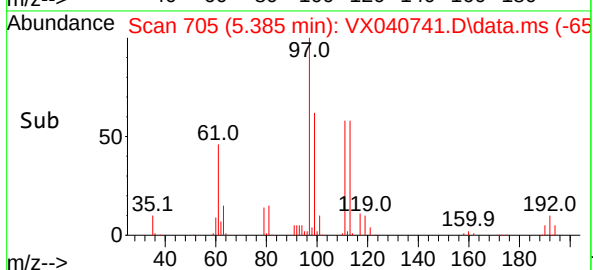
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

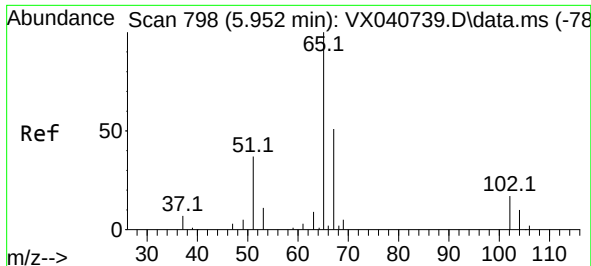


#32
1,1,1-Trichloroethane
Concen: 144.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47



Tgt Ion: 97 Resp: 163445
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 145.344 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 12662

Ion Ratio Lower Upper

65 100

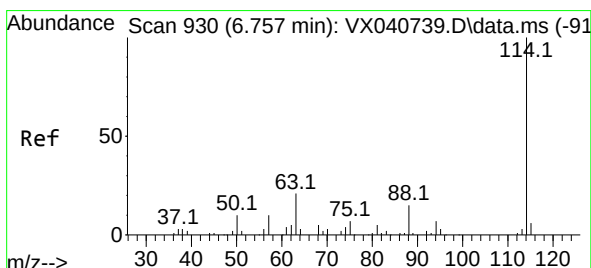
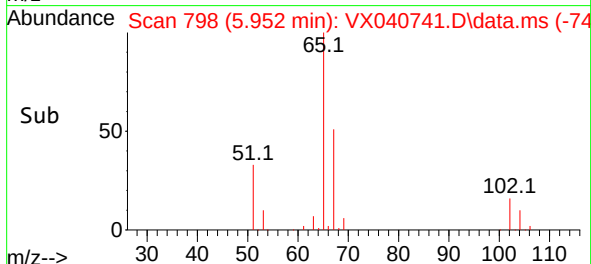
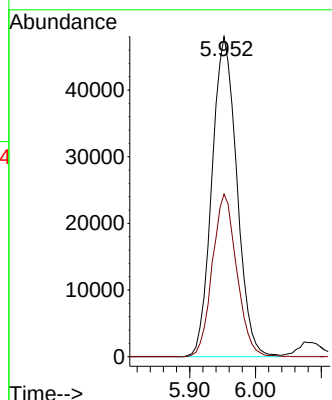
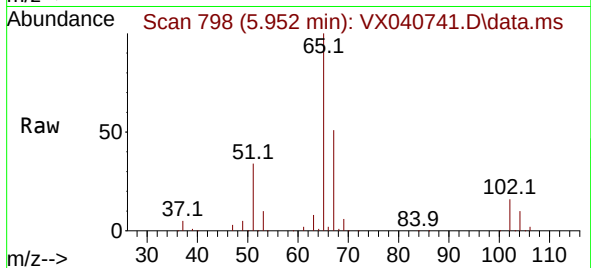
67 49.7 0.0 100.2

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: VX040741.D

Acq: 21 Mar 2024 13:47

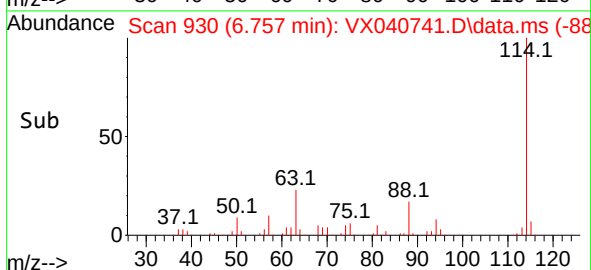
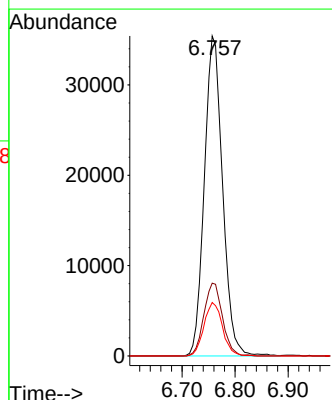
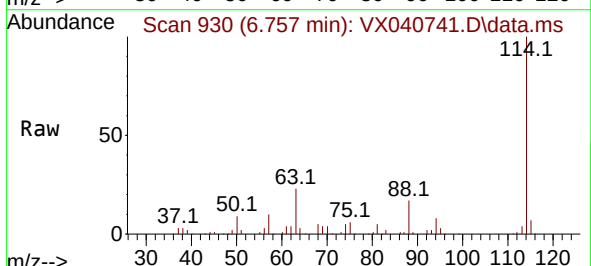
Tgt Ion:114 Resp: 84731

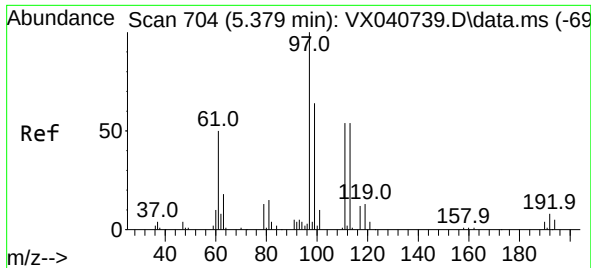
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.7 0.0 36.6





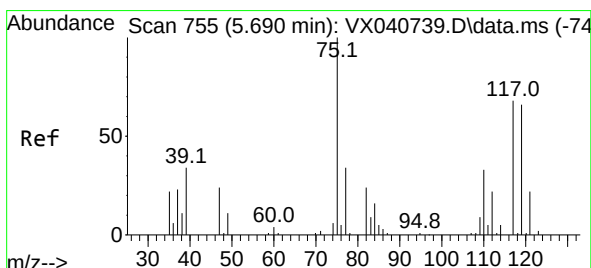
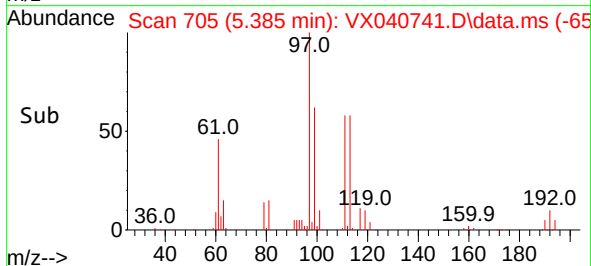
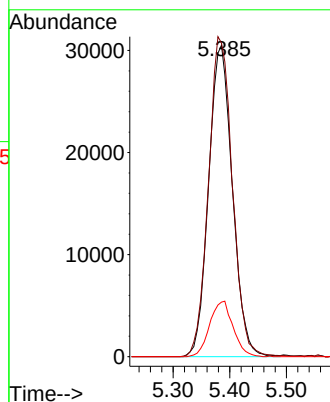
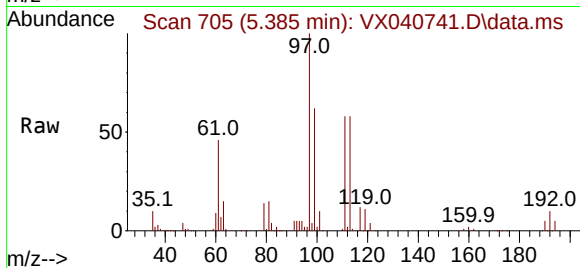
#35
Dibromofluoromethane
Concen: 140.049 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:113 Resp: 88792
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.6 13.3 19.9

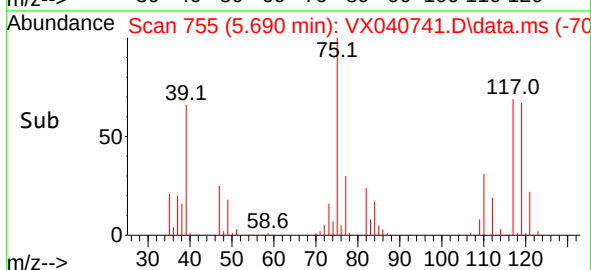
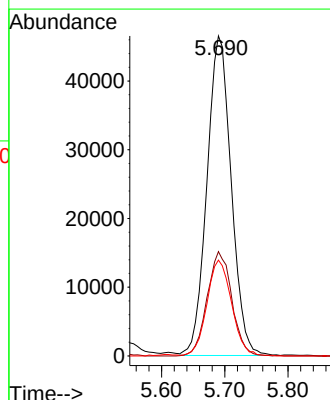
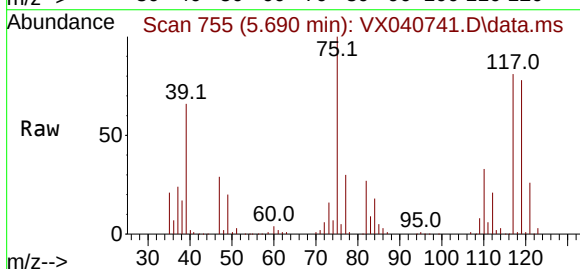
Manual Integrations
APPROVED

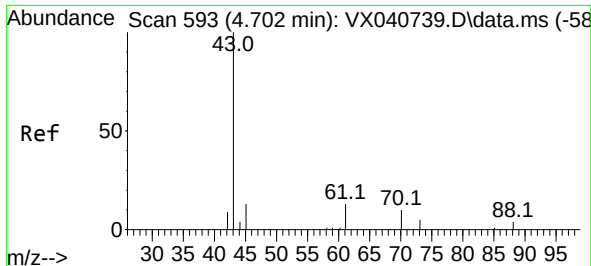
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#36
1,1-Dichloropropene
Concen: 132.959 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

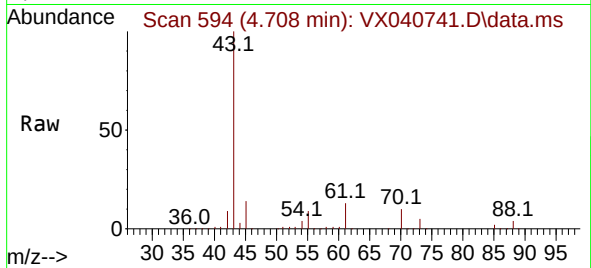
Tgt Ion: 75 Resp: 124117
Ion Ratio Lower Upper
75 100
110 33.1 17.0 50.9
77 30.5 24.7 37.1





#37
Ethyl Acetate
Concen: 133.333 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

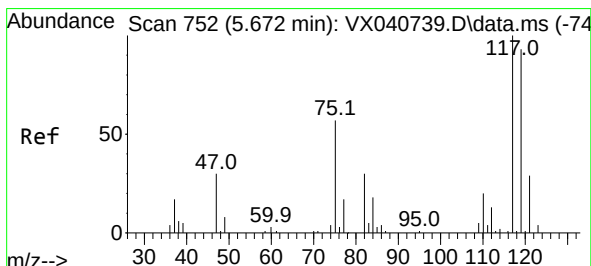
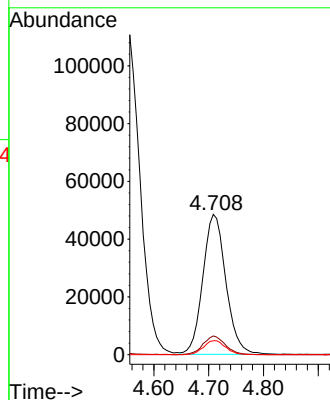
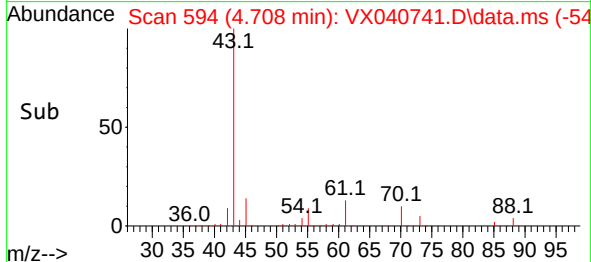
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 14133
Ion Ratio Lower Upper
43 100
61 12.9 10.6 16.0
70 9.6 8.3 12.5

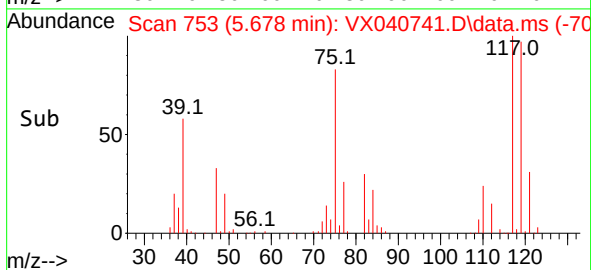
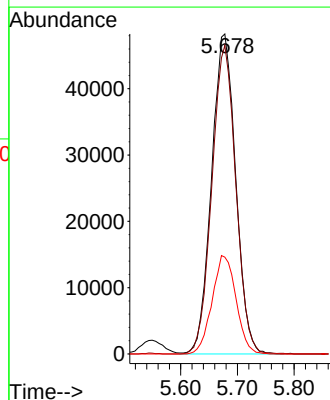
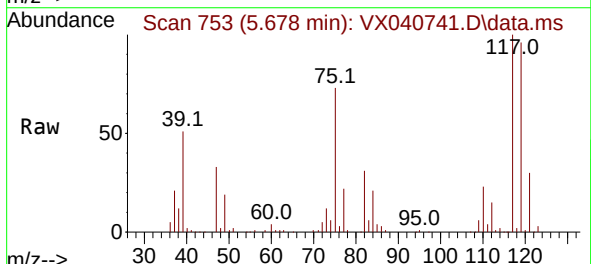
Manual Integrations
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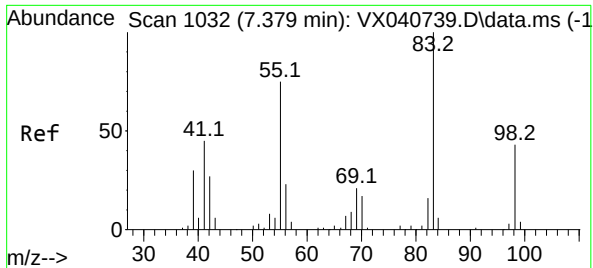
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#38
Carbon Tetrachloride
Concen: 135.918 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion:117 Resp: 142811
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 140.876 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

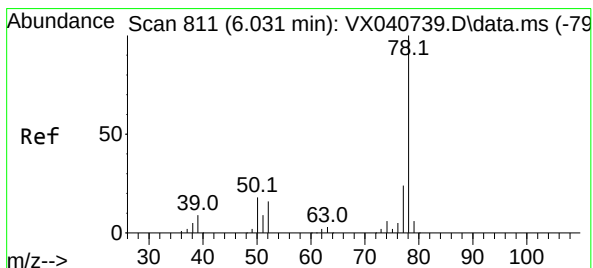
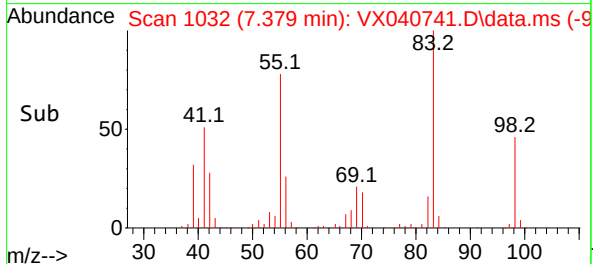
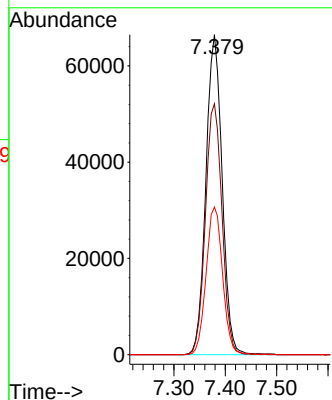
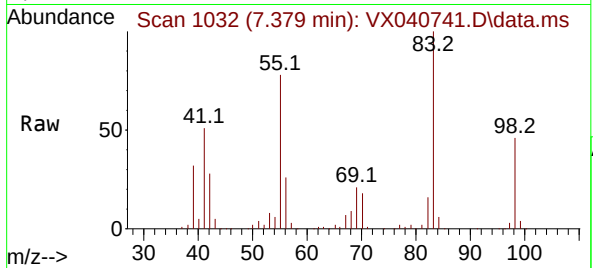
VSTDICC150

Tgt Ion: 83 Resp: 145693
Ion Ratio Lower Upper
83 100
55 78.4 64.6 97.0
98 46.1 36.7 55.1

Manual Integrations

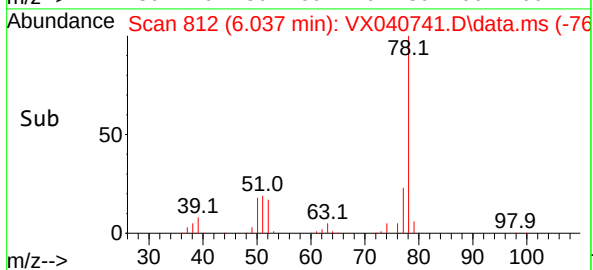
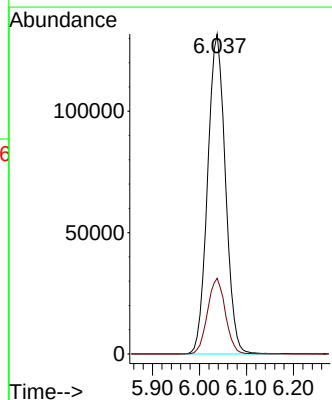
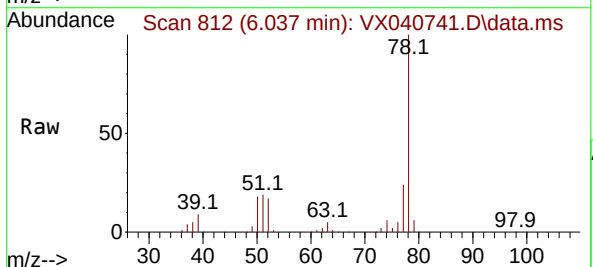
APPROVED

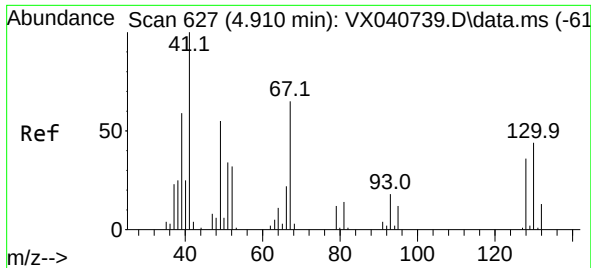
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#40
Benzene
Concen: 134.166 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

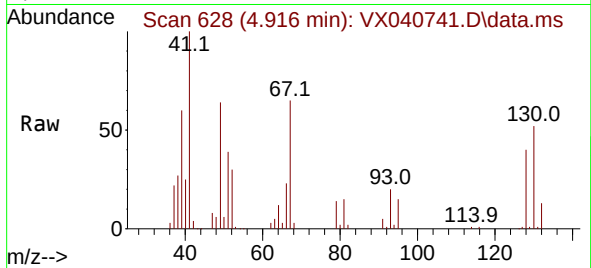
Tgt Ion: 78 Resp: 345840
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 141.426 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

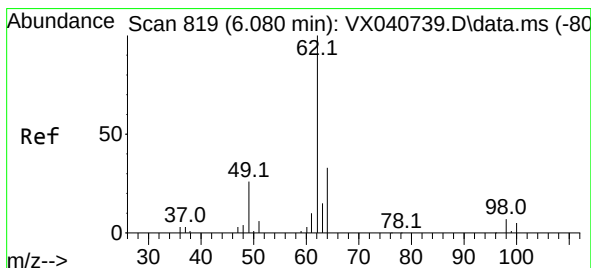
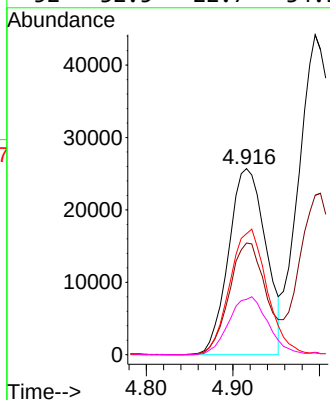
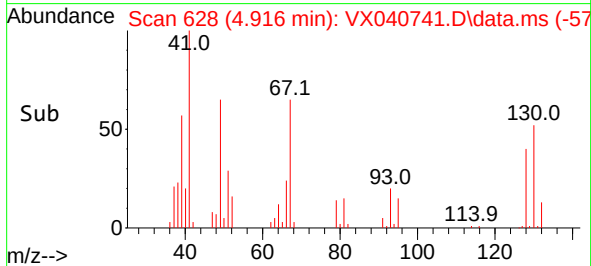
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 7685
Ion Ratio Lower Upper
41 100
39 58.6 45.2 67.8
67 67.9 52.6 78.8
52 32.5 22.7 34.1

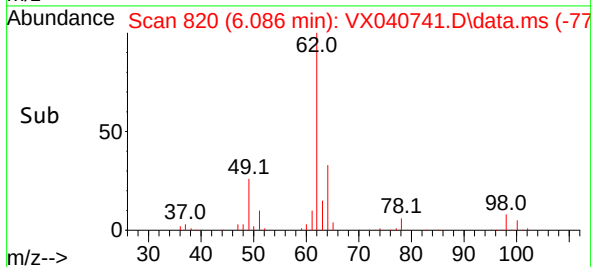
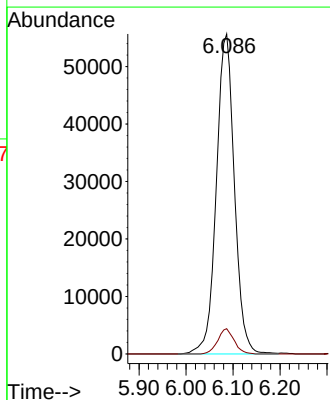
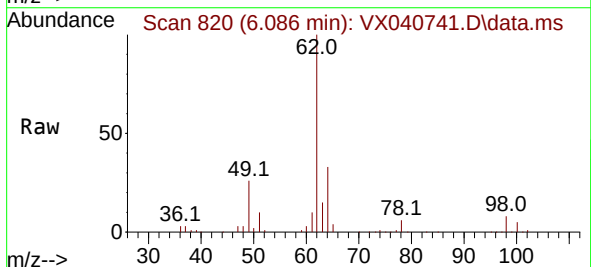
Manual Integrations
APPROVED

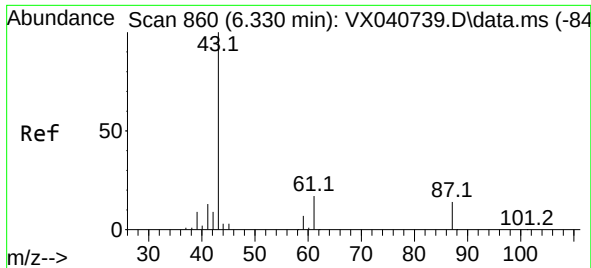
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#42
1,2-Dichloroethane
Concen: 142.703 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

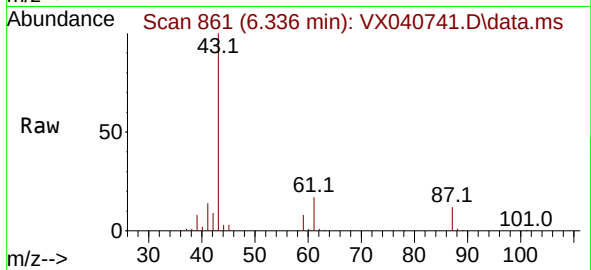
Tgt Ion: 62 Resp: 148851
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 142.243 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

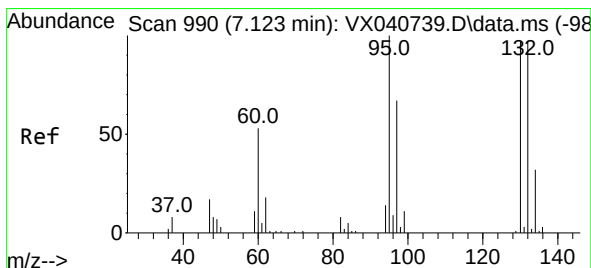
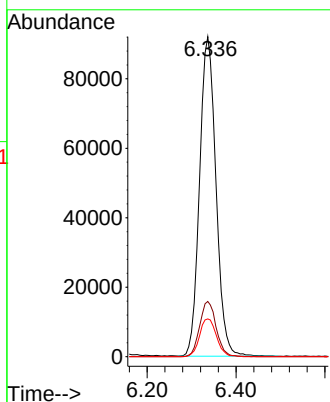
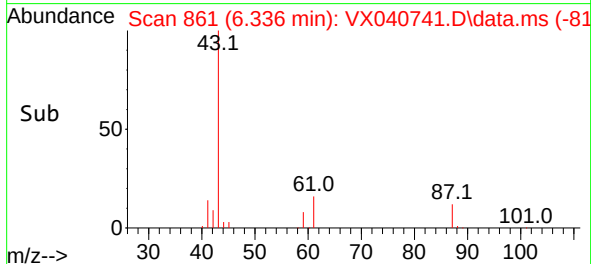
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 23677
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 12.2 9.8 14.6

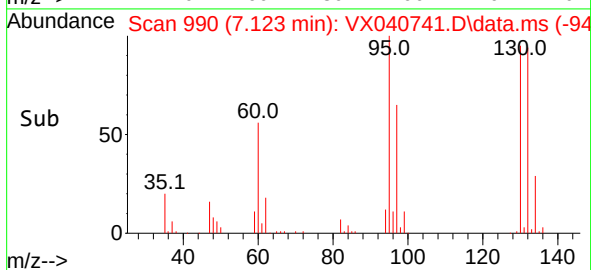
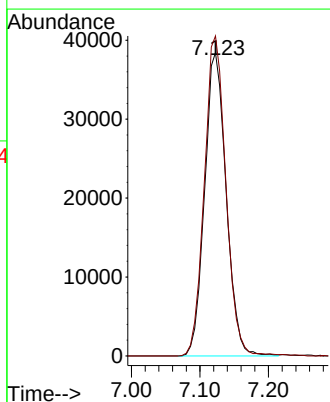
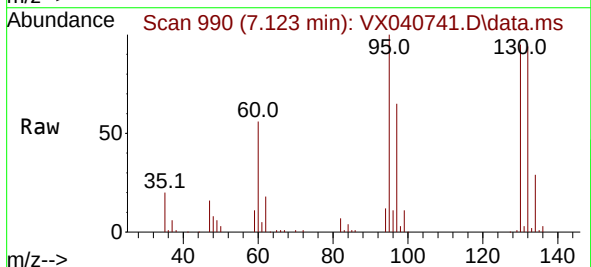
Manual Integrations
APPROVED

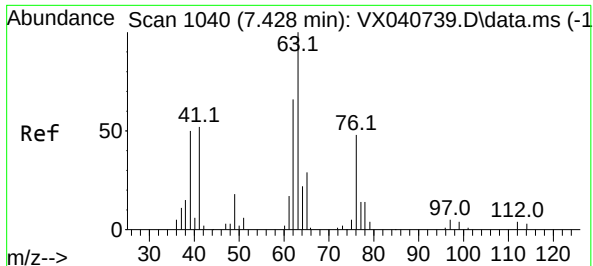
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#44
Trichloroethene
Concen: 135.956 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion:130 Resp: 84000
Ion Ratio Lower Upper
130 100
95 105.5 0.0 204.4





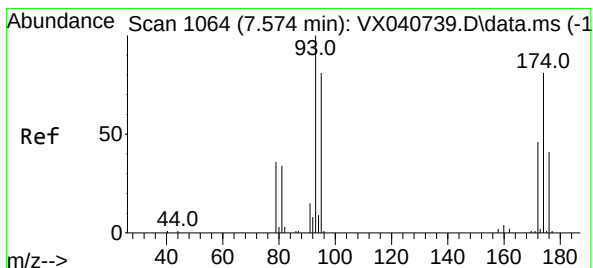
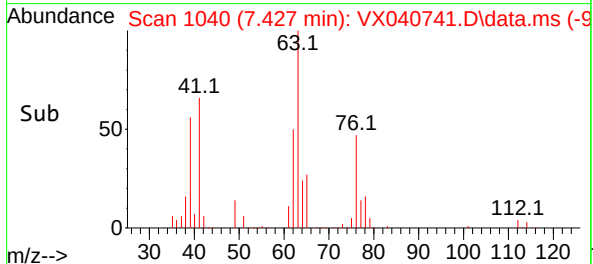
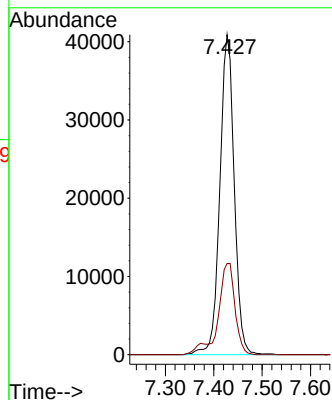
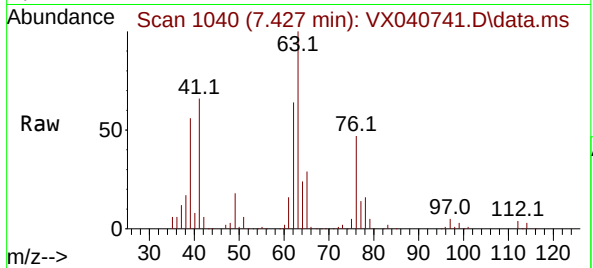
#45
1,2-Dichloropropane
Concen: 139.866 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 8458
Ion Ratio Lower Upper
63 100
65 28.5 24.3 36.5

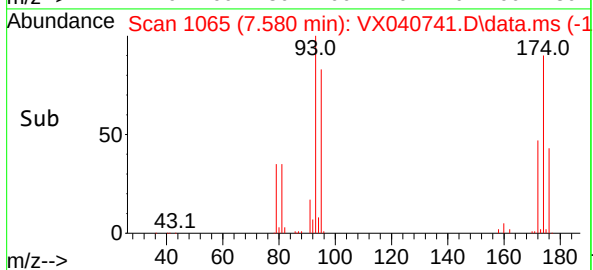
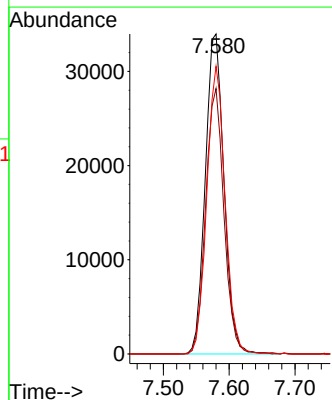
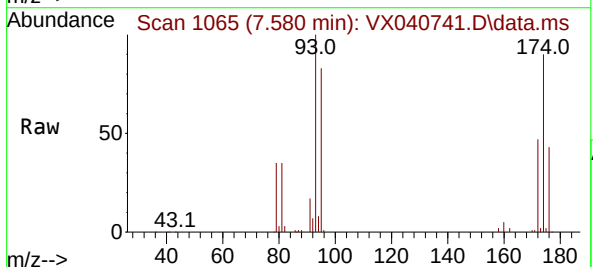
Manual Integrations
APPROVED

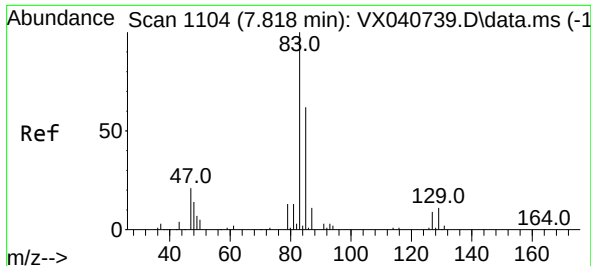
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#46
Dibromomethane
Concen: 140.544 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

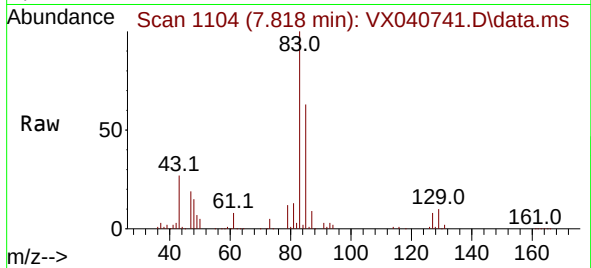
Tgt Ion: 93 Resp: 67319
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 88.0 69.4 104.0





#47
Bromodichloromethane
Concen: 138.165 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

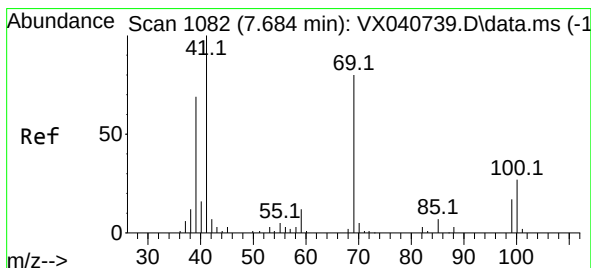
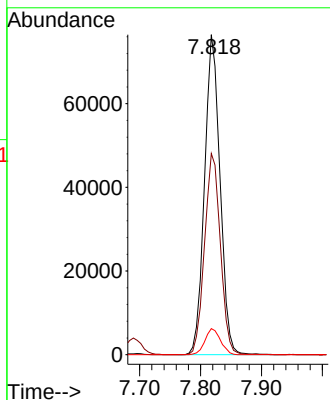
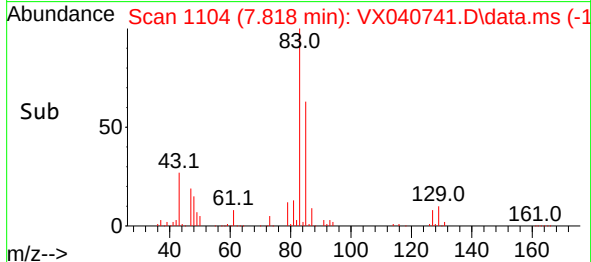
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



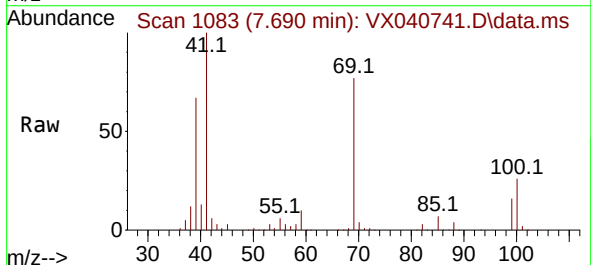
Tgt Ion: 83 Resp: 135225
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 8.1 7.1 10.7

Manual Integrations
APPROVED

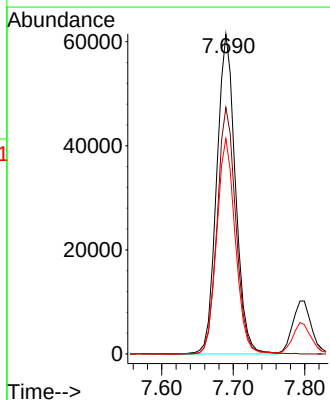
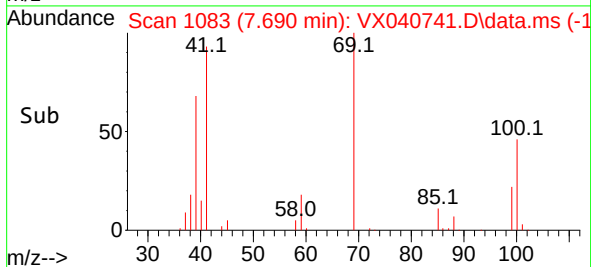
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

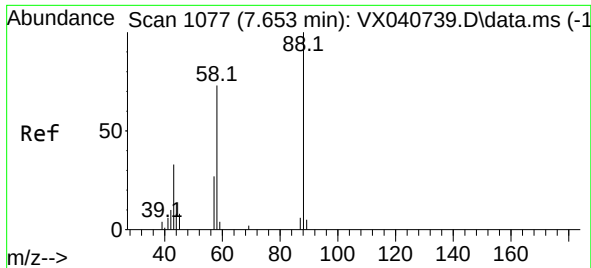


#48
Methyl methacrylate
Concen: 146.870 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47



Tgt Ion: 41 Resp: 111739
Ion Ratio Lower Upper
41 100
69 76.9 59.2 88.8
39 67.2 47.7 71.5





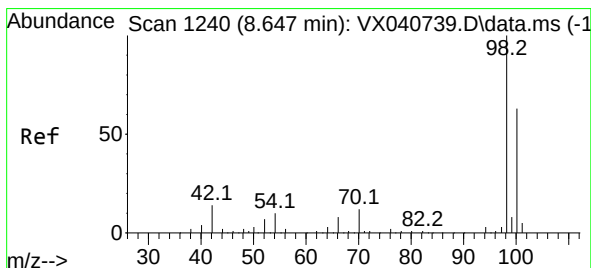
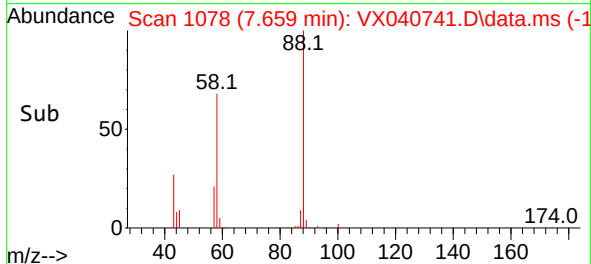
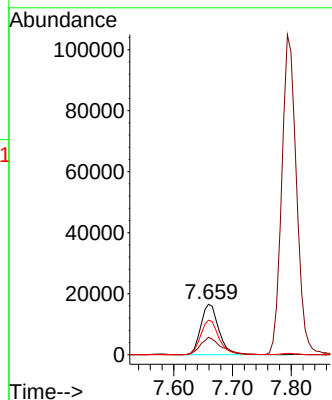
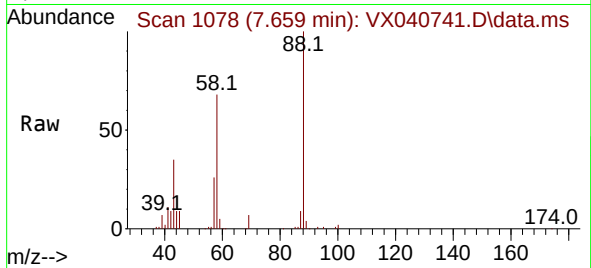
#49
1,4-Dioxane
Concen: 2720.950 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 3493
Ion Ratio Lower Upper
88 100
43 40.1 0.0 0.0
58 70.1 60.1 90.1

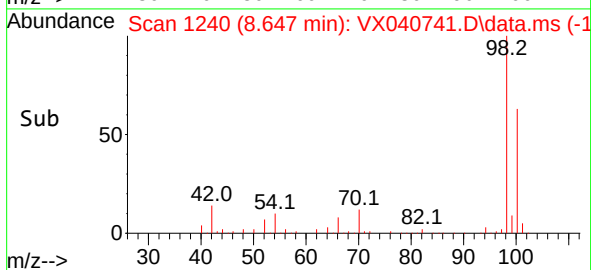
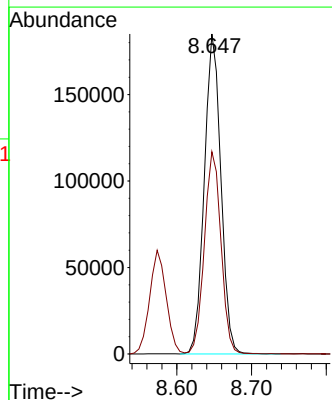
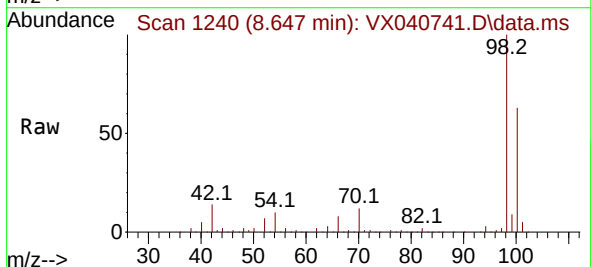
Manual Integrations
APPROVED

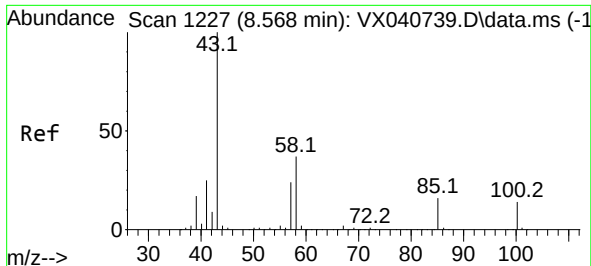
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#50
Toluene-d8
Concen: 131.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 98 Resp: 284933
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 663.711 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 68514

Ion Ratio Lower Upper

43 100

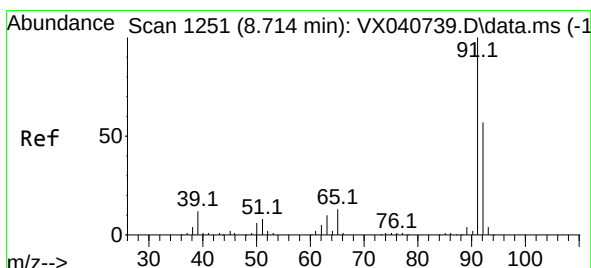
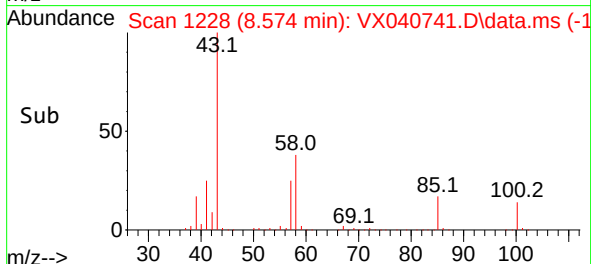
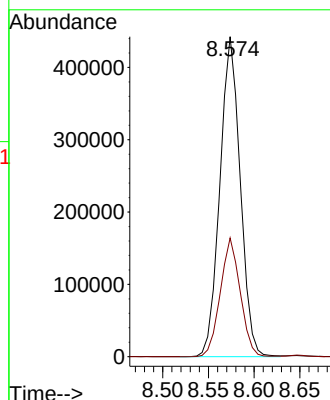
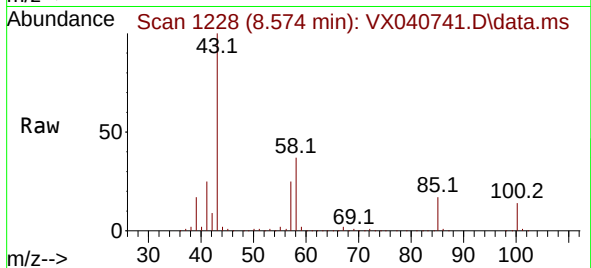
58 36.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#52

Toluene

Concen: 132.399 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX040741.D

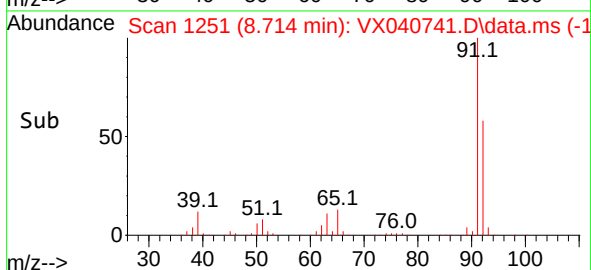
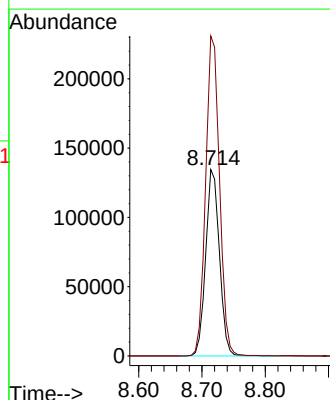
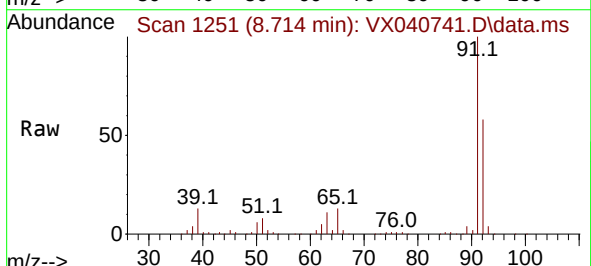
Acq: 21 Mar 2024 13:47

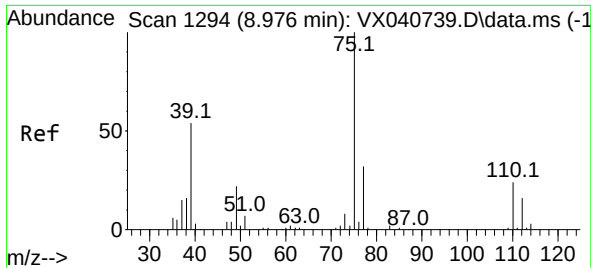
Tgt Ion: 92 Resp: 203541

Ion Ratio Lower Upper

92 100

91 173.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 145.913 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

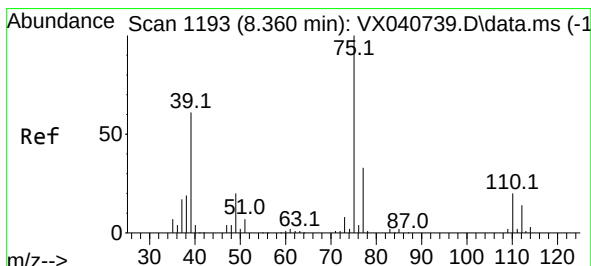
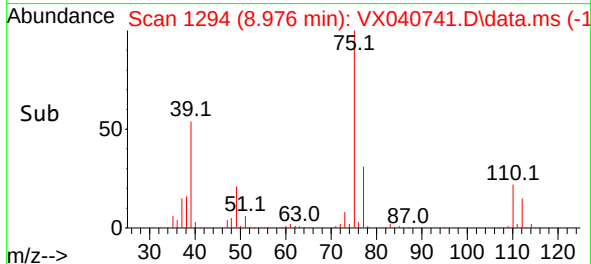
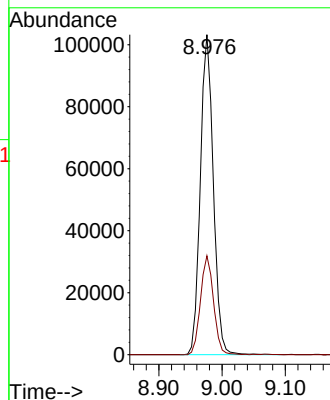
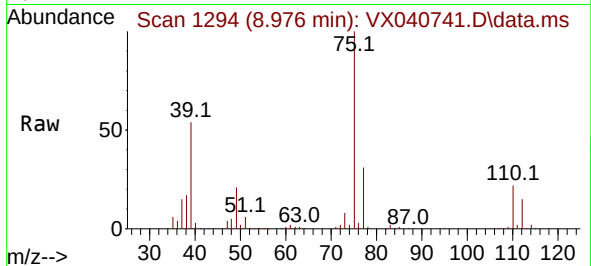
VSTDIC150

Tgt Ion: 75 Resp: 147732
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

Manual Integrations

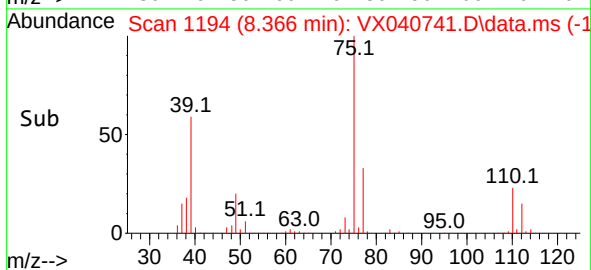
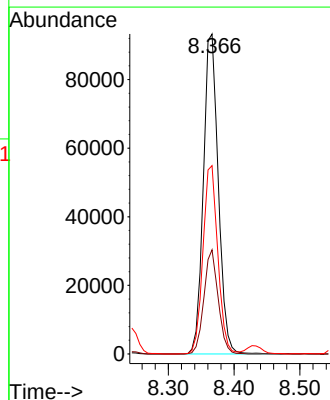
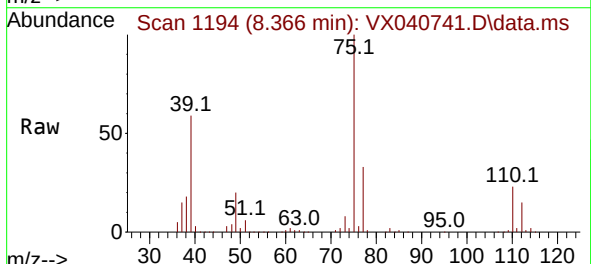
APPROVED

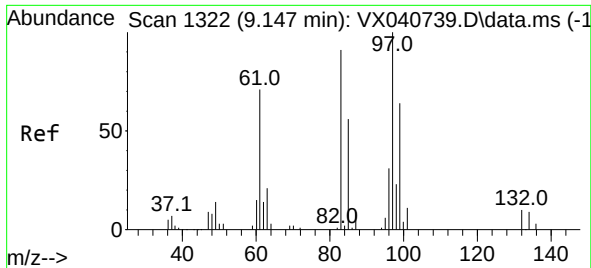
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#54
cis-1,3-Dichloropropene
Concen: 140.626 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 75 Resp: 147250
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 58.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 132.687 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

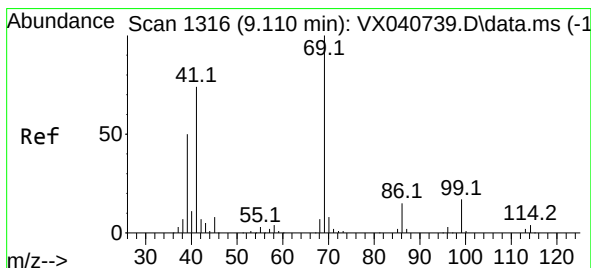
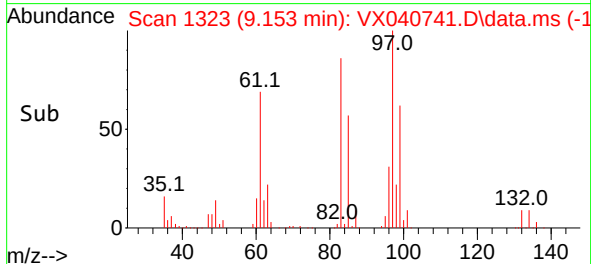
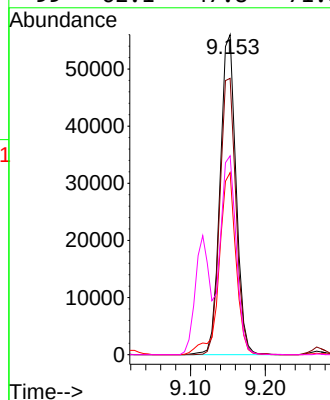
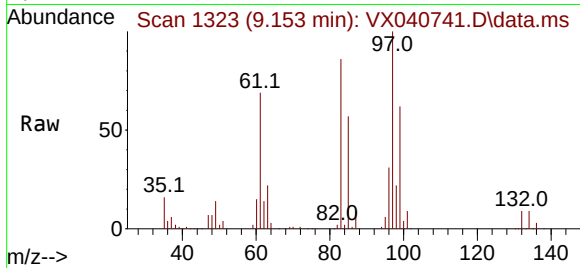
VSTDICC150

Tgt Ion: 97 Resp: 83069
Ion Ratio Lower Upper
97 100
83 86.4 65.8 98.8
85 56.9 41.6 62.4
99 62.1 47.8 71.8

Manual Integrations

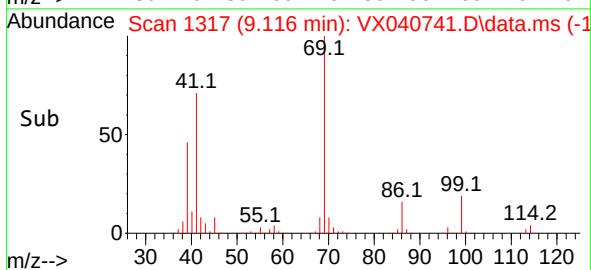
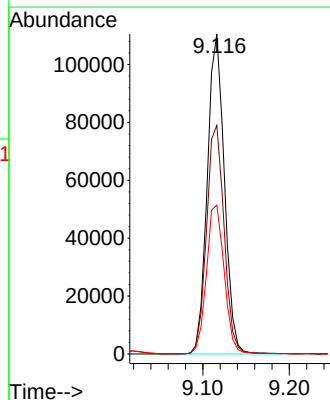
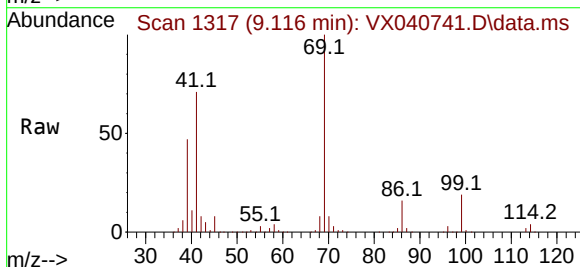
APPROVED

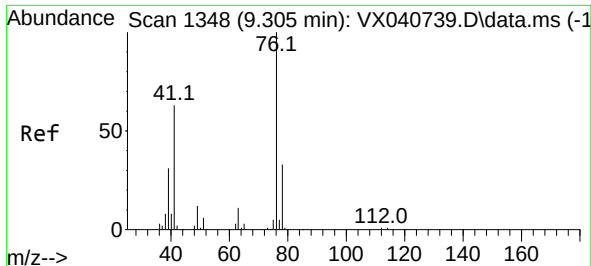
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#56
Ethyl methacrylate
Concen: 144.811 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 69 Resp: 151536
Ion Ratio Lower Upper
69 100
41 73.7 56.8 85.2
39 48.5 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 134.496 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 14368

Ion Ratio Lower Upper

76 100

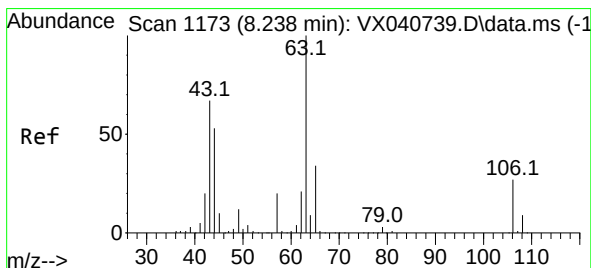
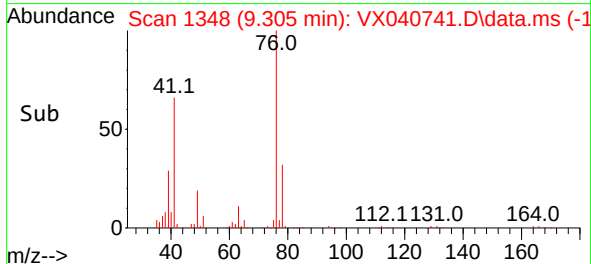
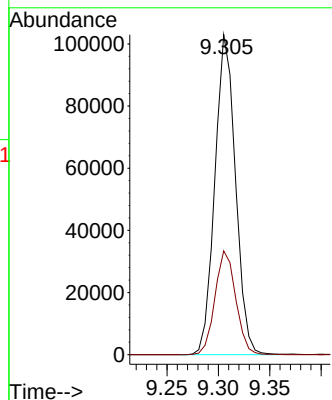
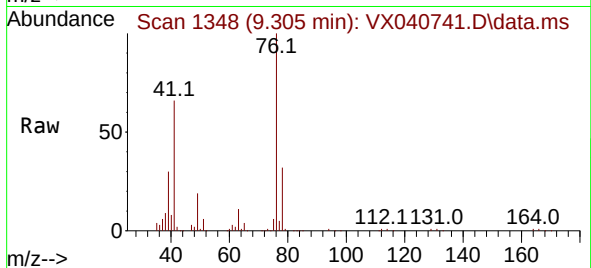
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 855.863 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040741.D

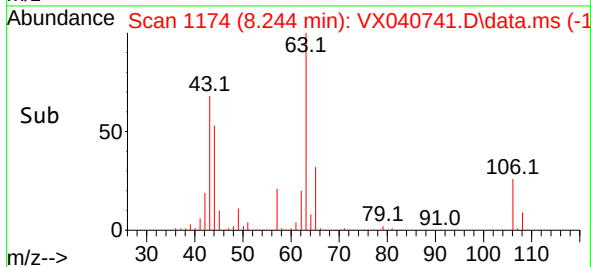
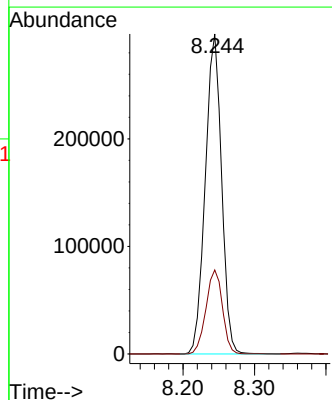
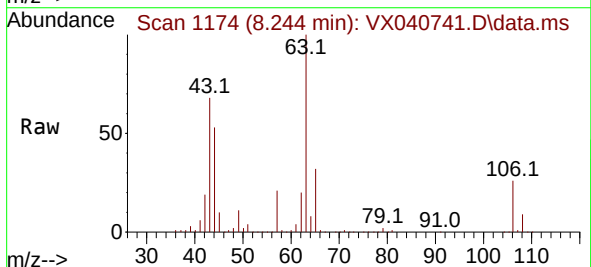
Acq: 21 Mar 2024 13:47

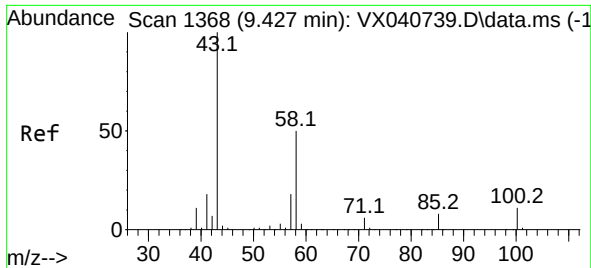
Tgt Ion: 63 Resp: 470039

Ion Ratio Lower Upper

63 100

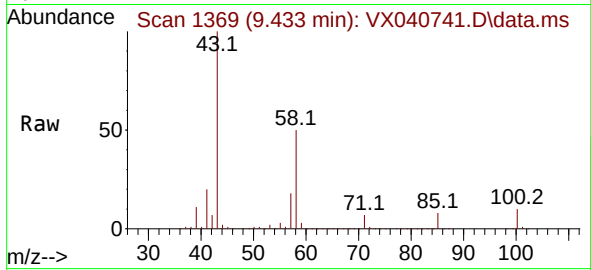
106 26.6 22.5 33.7





#59
2-Hexanone
Concen: 709.587 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

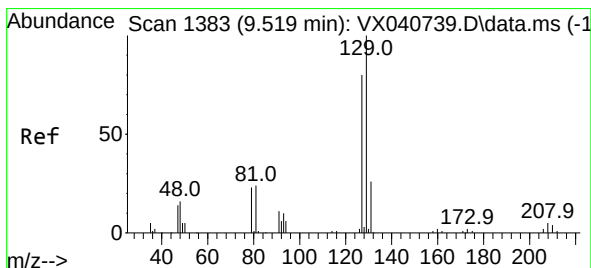
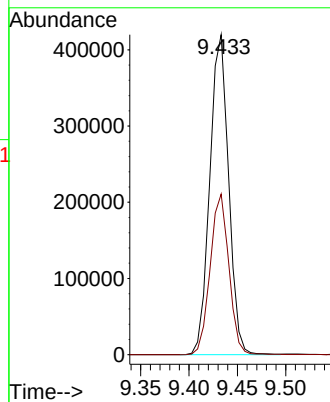
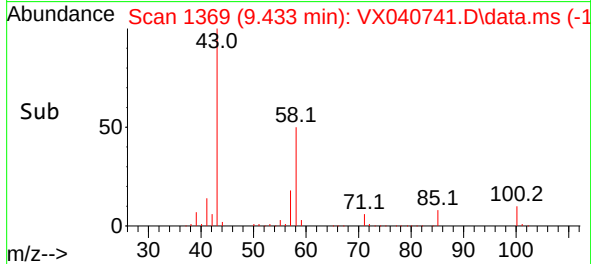
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 567435
Ion Ratio Lower Upper
43 100
58 50.0 26.2 78.5

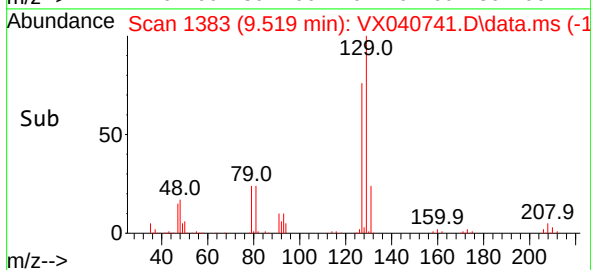
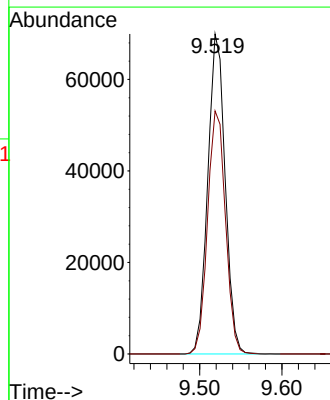
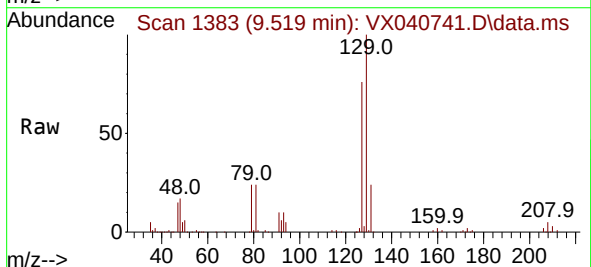
Manual Integrations
APPROVED

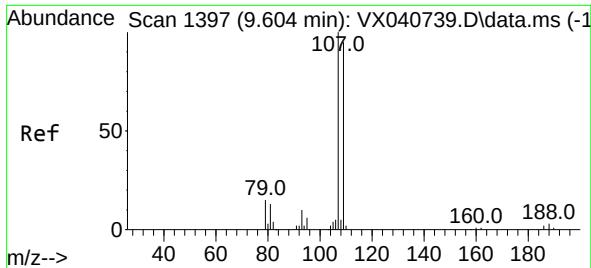
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#60
Dibromochloromethane
Concen: 139.458 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

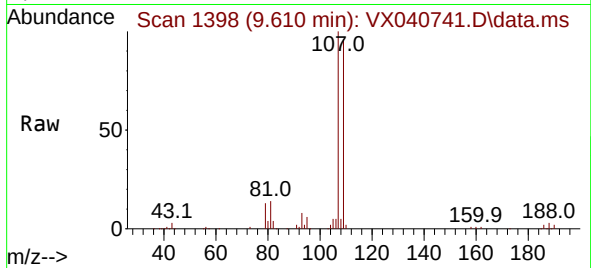
Tgt Ion:129 Resp: 102596
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 134.799 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

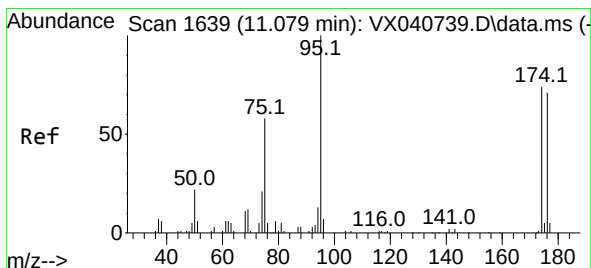
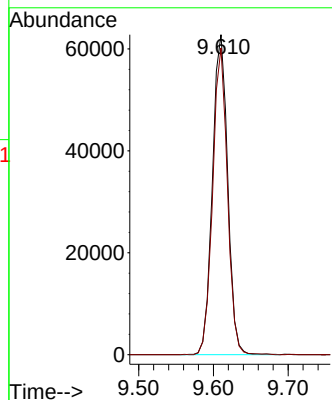
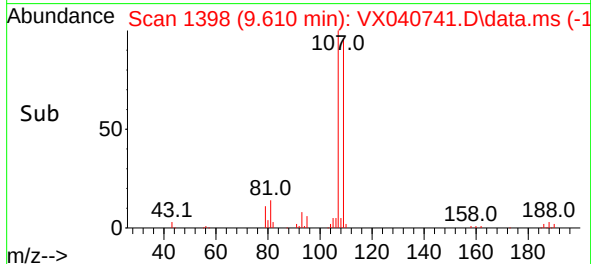
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 89110
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8

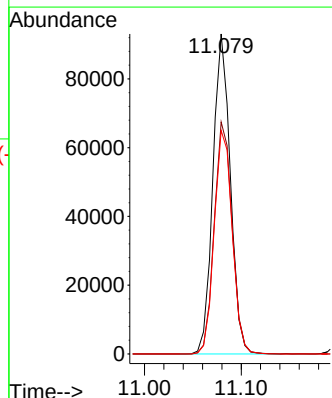
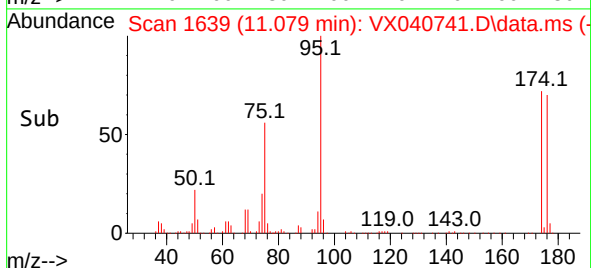
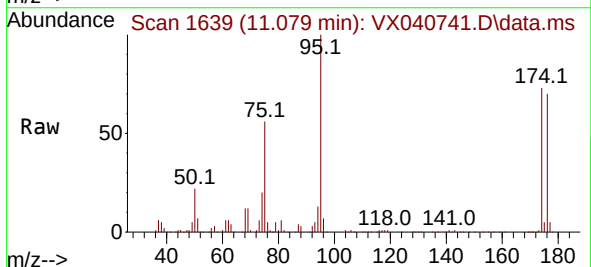
Manual Integrations
APPROVED

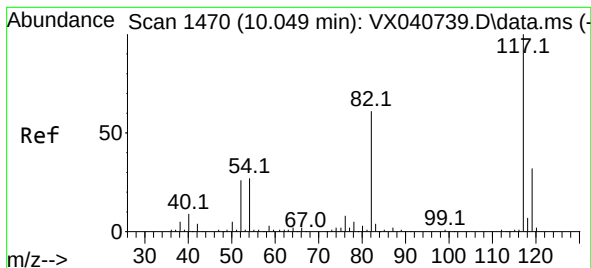
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#62
4-Bromofluorobenzene
Concen: 135.787 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 95 Resp: 116463
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 72.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:117 Resp: 74239

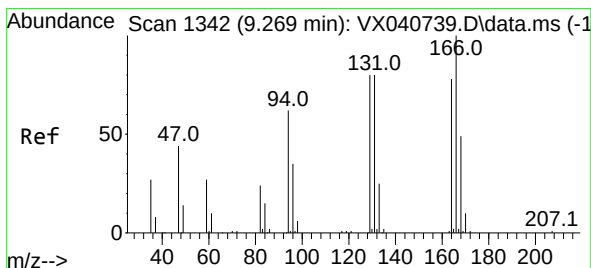
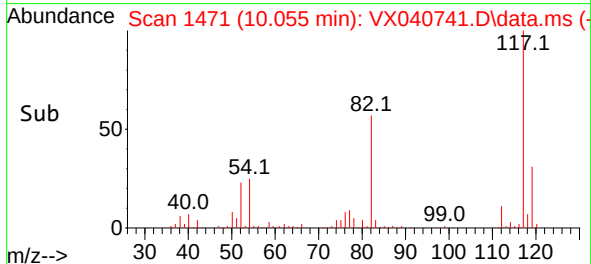
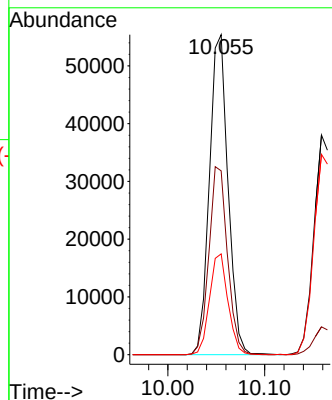
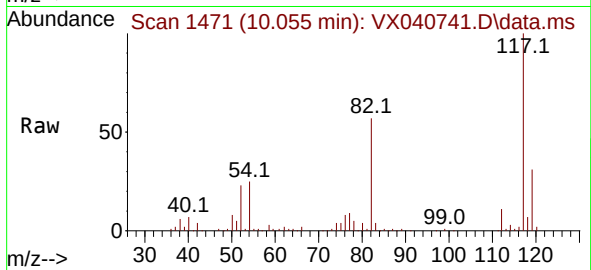
Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.2	69.4
119	31.5	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#64

Tetrachloroethene

Concen: 137.272 ug/l

RT: 9.275 min Scan# 1343

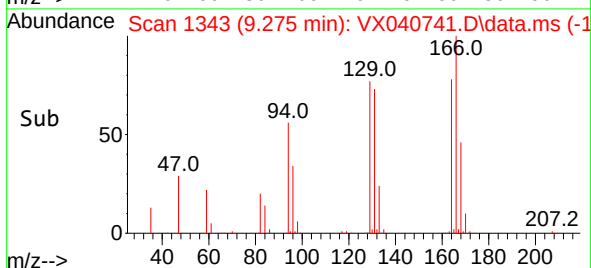
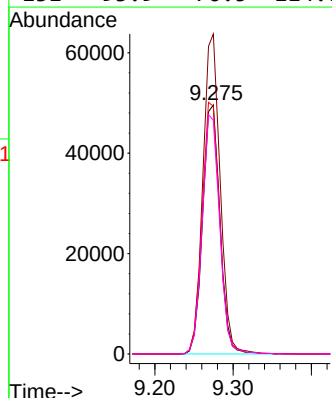
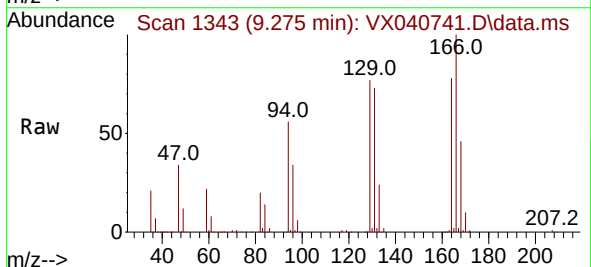
Delta R.T. 0.006 min

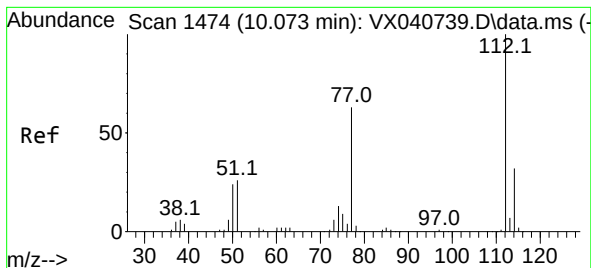
Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Tgt Ion:164 Resp: 75909

Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.7	154.1
129	99.5	80.4	120.6
131	93.9	76.5	114.7





#65

Chlorobenzene

Concen: 134.516 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:112 Resp: 22649

Ion Ratio Lower Upper

112 100

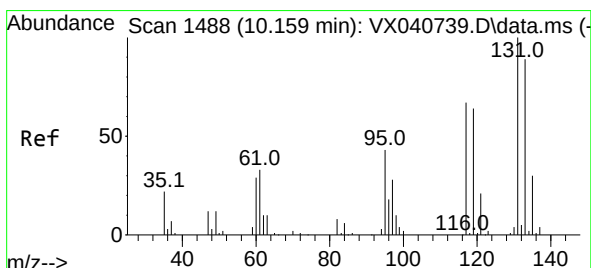
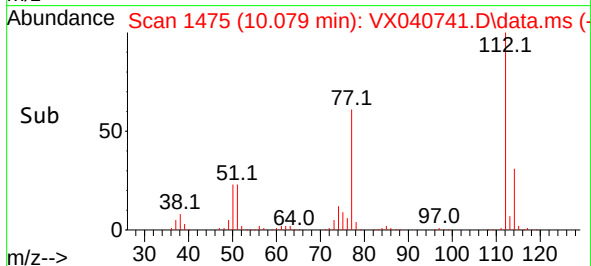
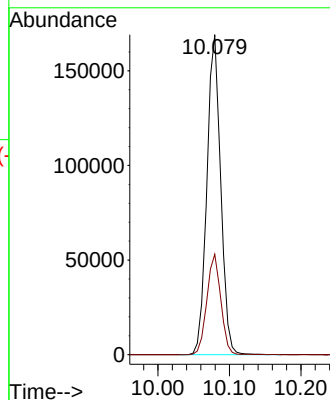
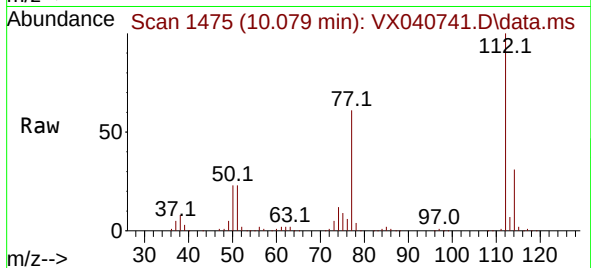
114 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 138.972 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

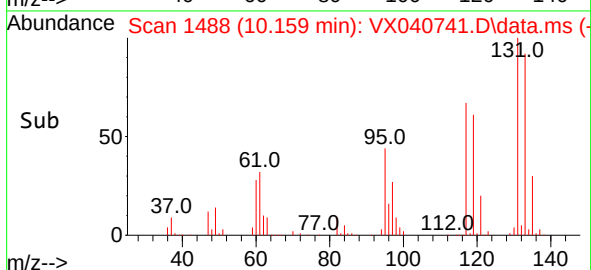
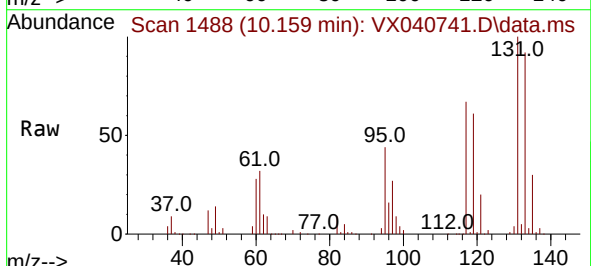
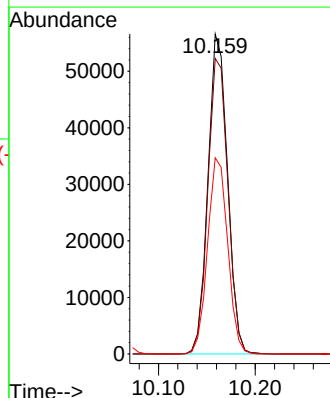
Tgt Ion:131 Resp: 79629

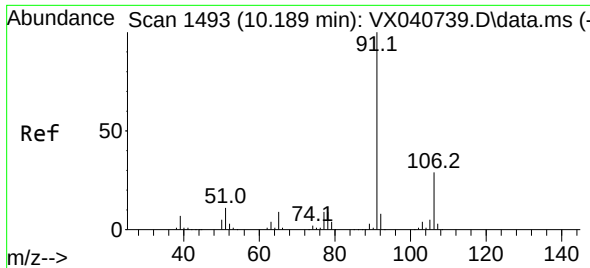
Ion Ratio Lower Upper

131 100

133 95.1 47.1 141.4

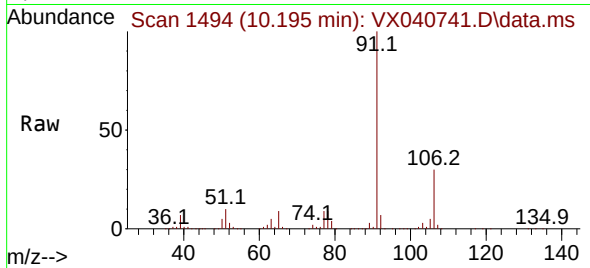
119 63.0 32.2 96.6





#67
Ethyl Benzene
Concen: 137.932 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

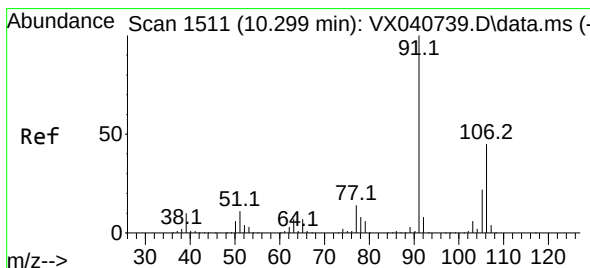
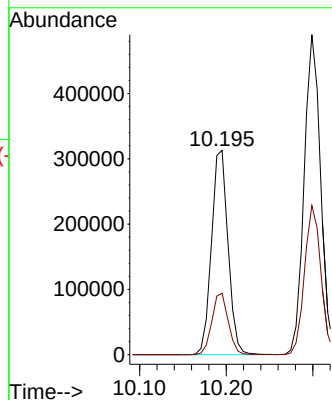
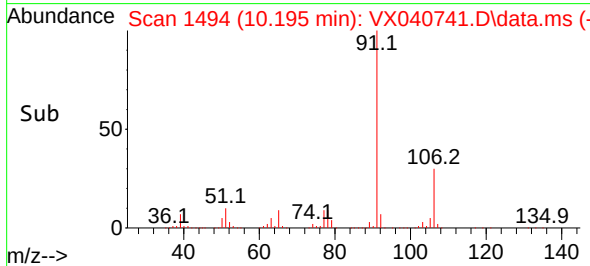
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 415930
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

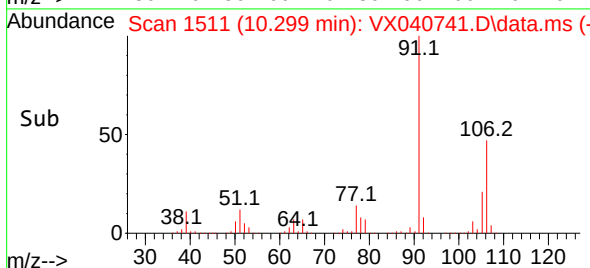
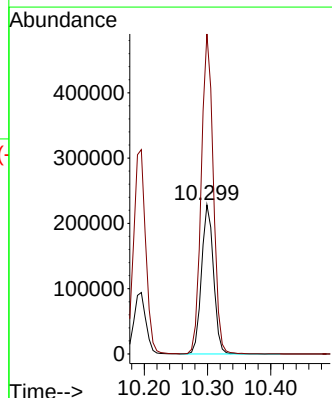
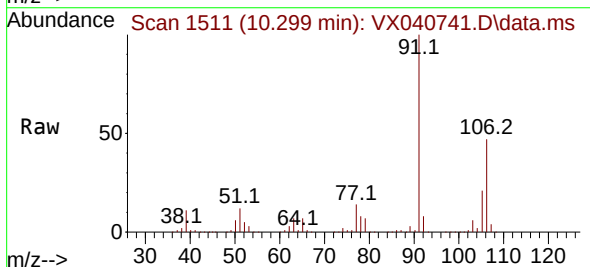
Manual Integrations
APPROVED

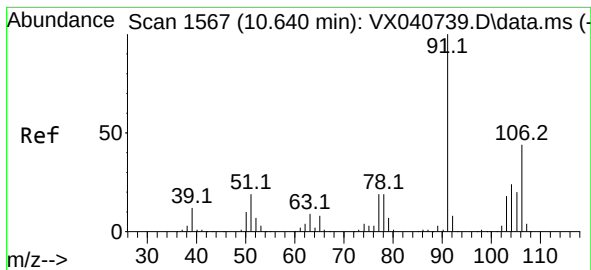
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#68
m/p-Xylenes
Concen: 273.142 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion:106 Resp: 301561
Ion Ratio Lower Upper
106 100
91 215.0 165.5 248.3





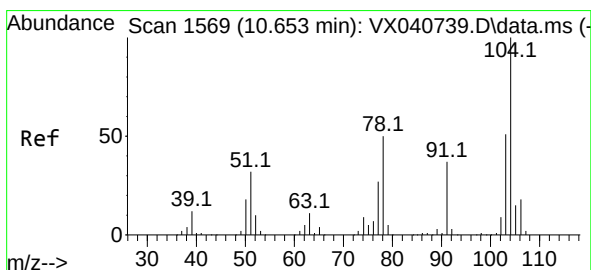
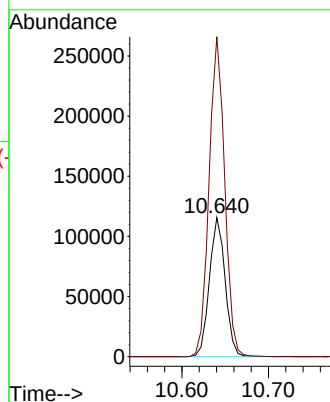
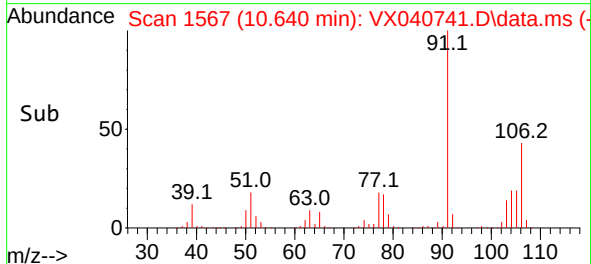
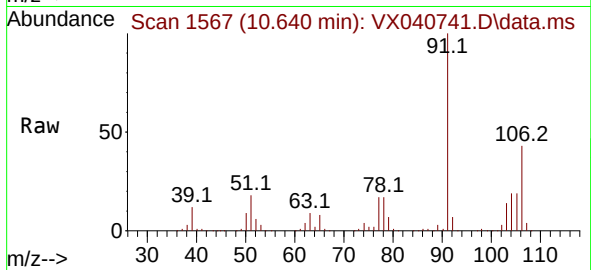
#69
o-Xylene
Concen: 137.501 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 145837
Ion Ratio Lower Upper
106 100
91 228.4 108.9 326.8

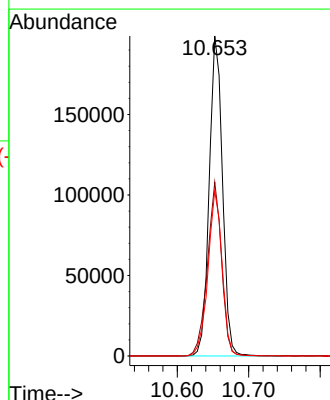
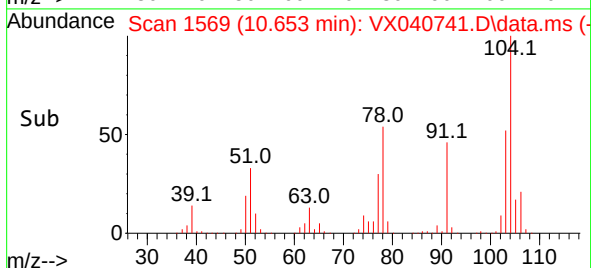
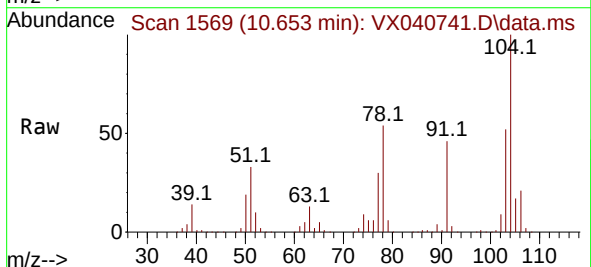
Manual Integrations
APPROVED

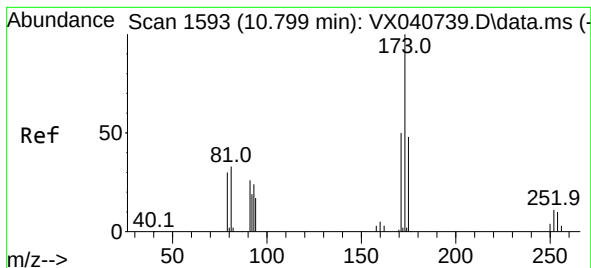
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#70
Styrene
Concen: 144.168 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion:104 Resp: 255972
Ion Ratio Lower Upper
104 100
78 58.3 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 159.472 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 7463

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

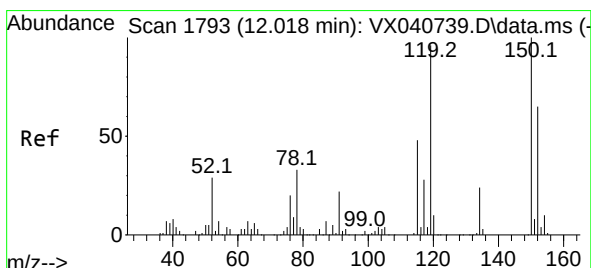
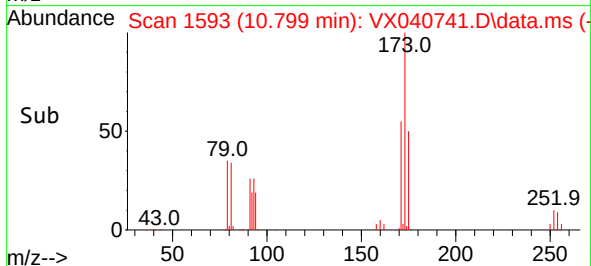
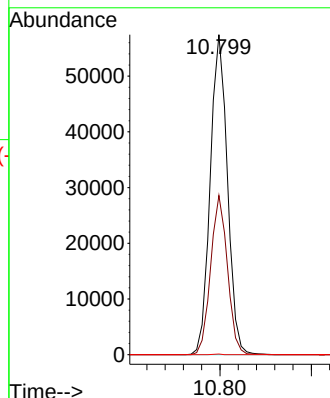
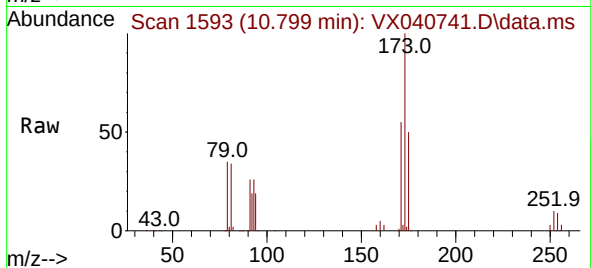
254 0.1 0.0 0.0

Manual Integrations

APPROVED

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: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

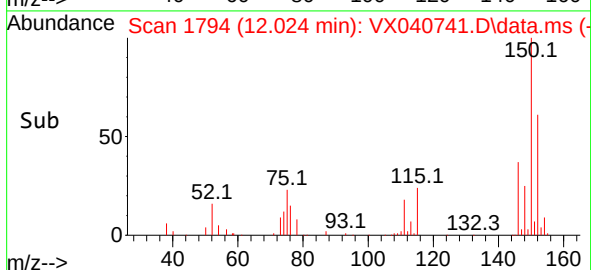
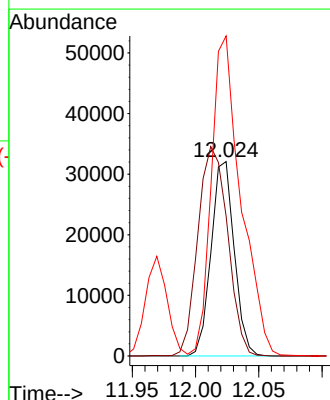
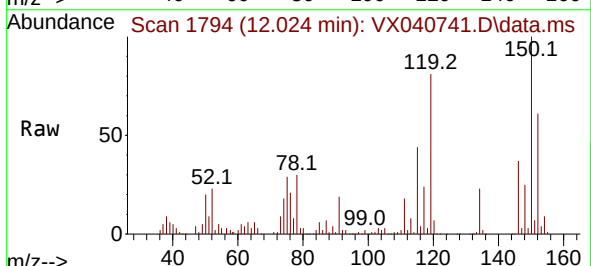
Tgt Ion:152 Resp: 40813

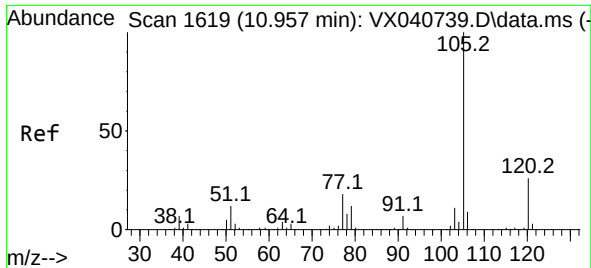
Ion Ratio Lower Upper

152 100

115 139.0 43.3 129.9

150 210.0 0.0 345.0





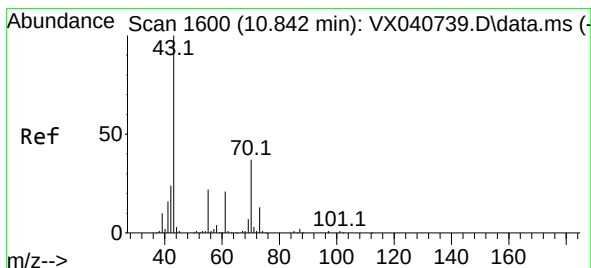
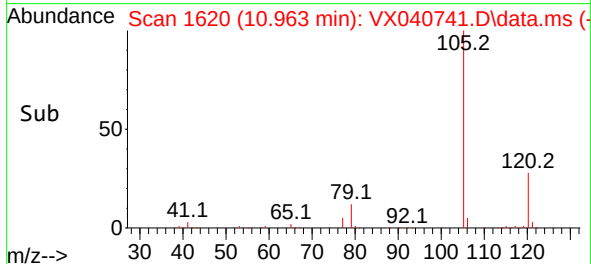
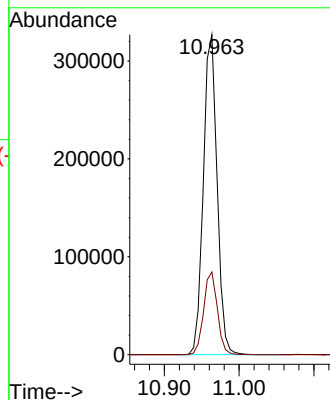
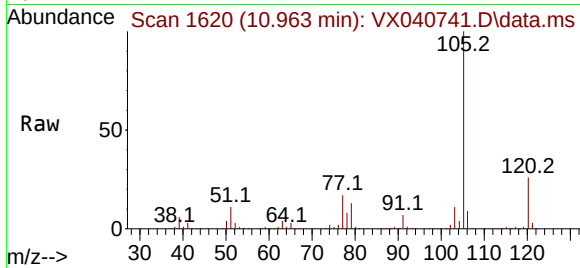
#73
Isopropylbenzene
Concen: 134.717 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 417180
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

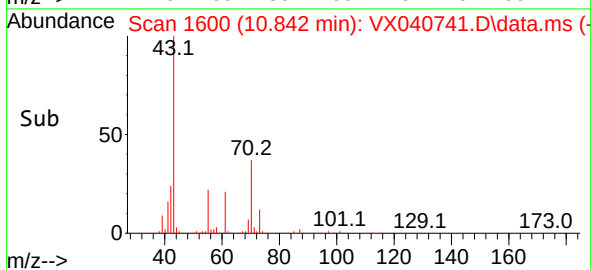
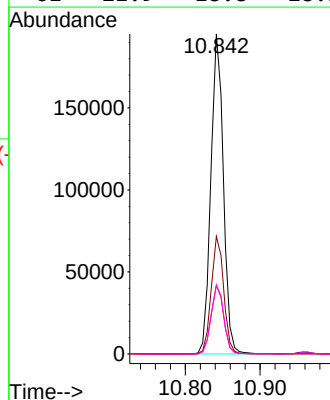
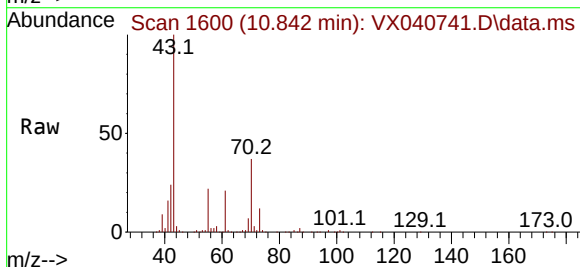
Manual Integrations
APPROVED

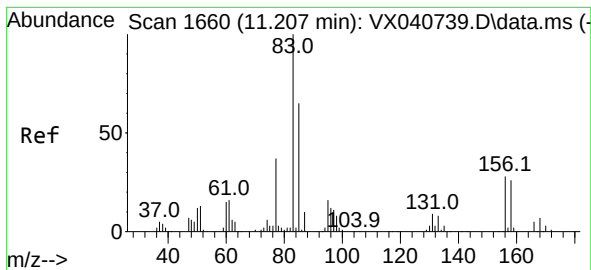
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#74
N-ethyl acetate
Concen: 148.822 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

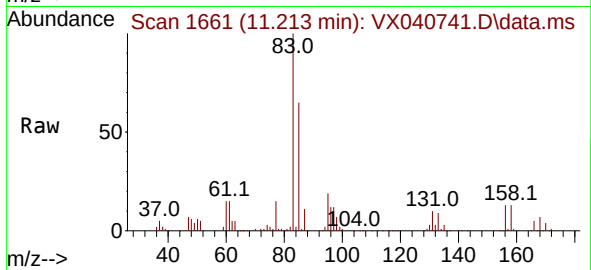
Tgt Ion: 43 Resp: 226909
Ion Ratio Lower Upper
43 100
70 36.7 32.9 49.3
55 21.7 19.3 28.9
61 21.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 126.687 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

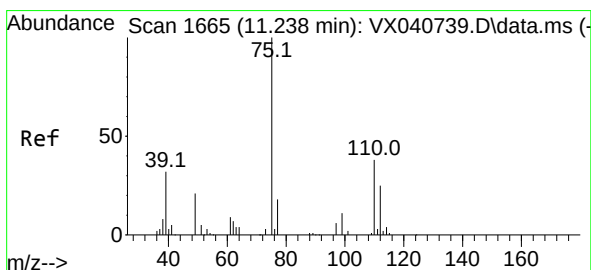
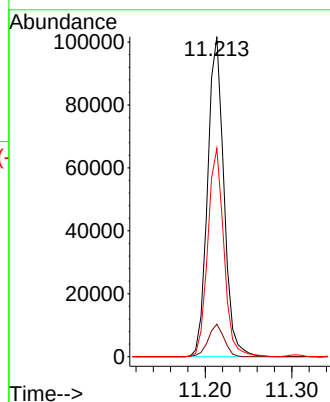
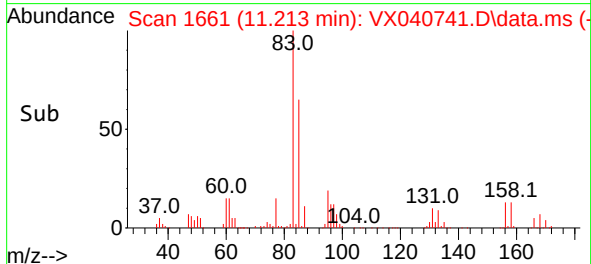
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



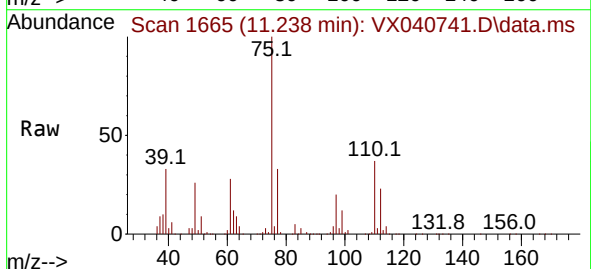
Tgt Ion: 83 Resp: 132814
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

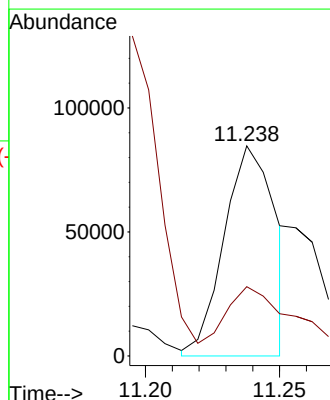
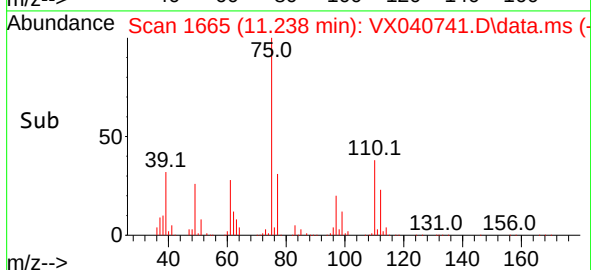
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

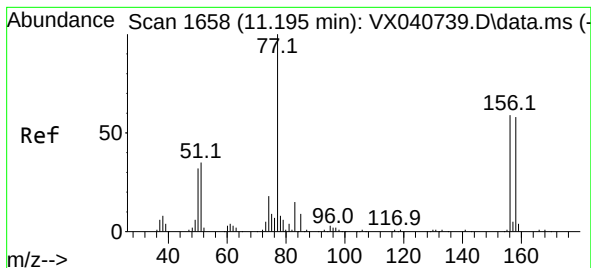


#76
1,2,3-Trichloropropane
Concen: 127.559 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47



Tgt Ion: 75 Resp: 112355
Ion Ratio Lower Upper
75 100
77 45.4 19.1 57.5





#77
Bromobenzene
Concen: 128.373 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

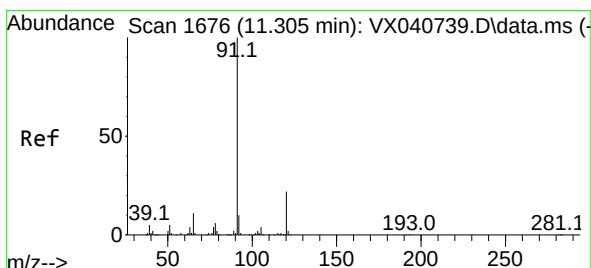
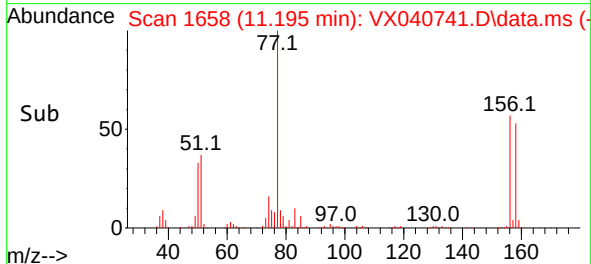
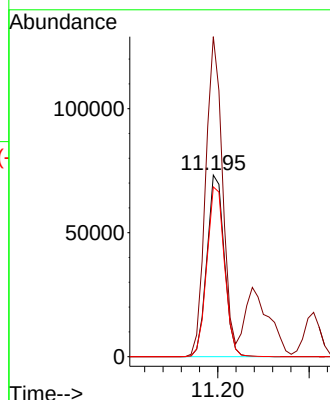
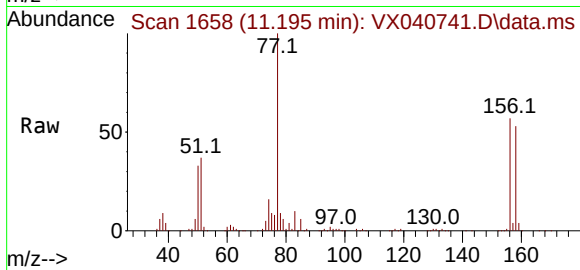
Tgt Ion:156 Resp: 96225
Ion Ratio Lower Upper
156 100
77 171.5 88.4 265.3
158 95.2 48.0 144.0

Manual Integrations

APPROVED

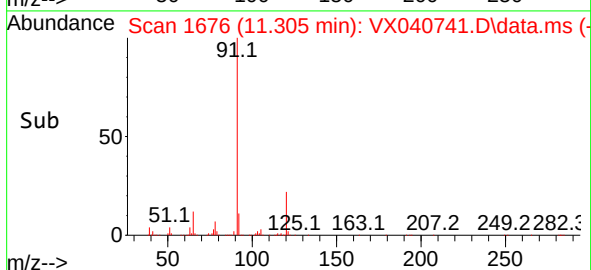
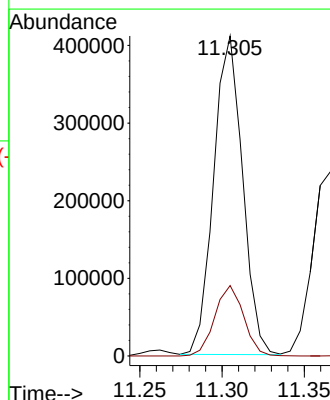
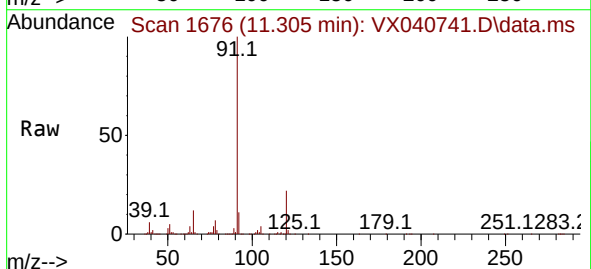
Reviewed By :John Carlone 03/25/2024

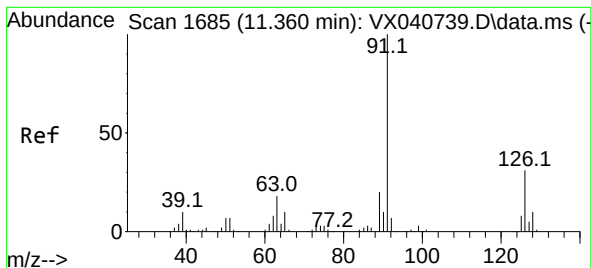
Supervised By :Mahesh Dadoda 03/25/2024



#78
n-propylbenzene
Concen: 131.294 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 91 Resp: 501322
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





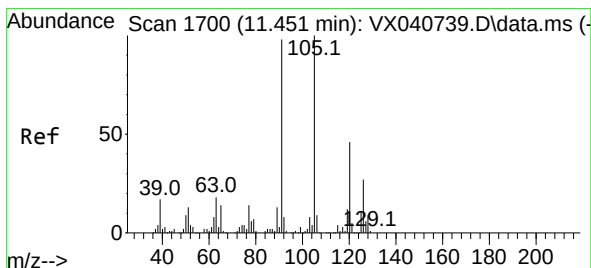
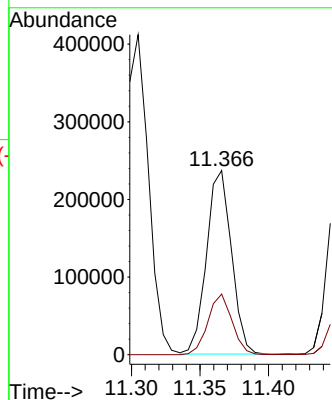
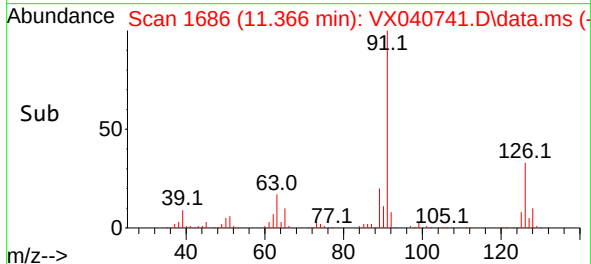
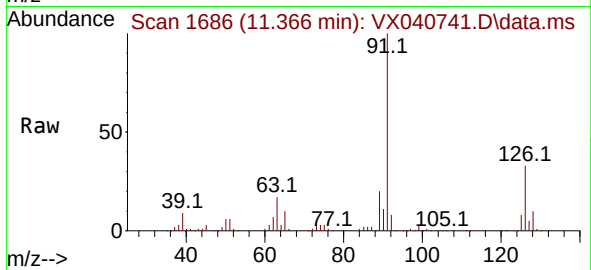
#79
2-Chlorotoluene
Concen: 135.599 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 298754
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

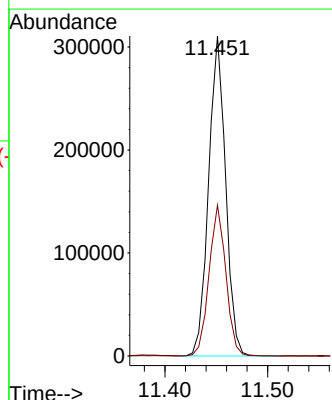
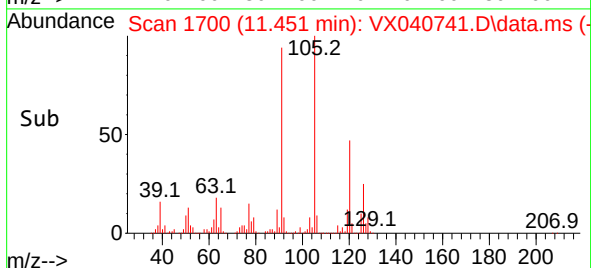
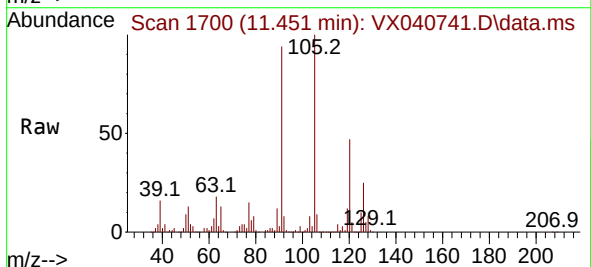
Manual Integrations
APPROVED

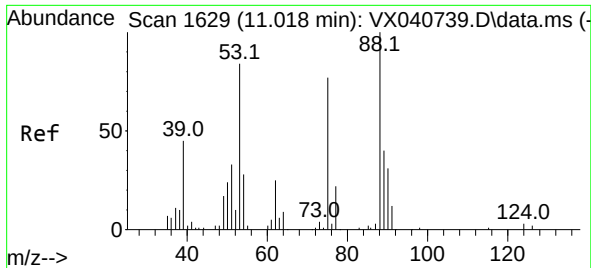
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 137.638 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion:105 Resp: 357318
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





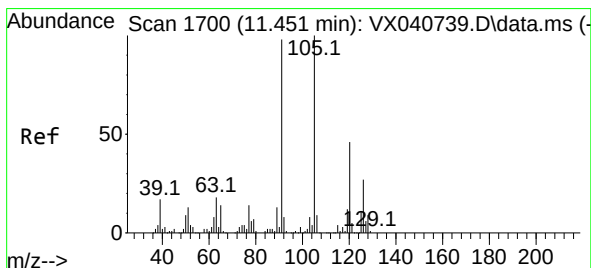
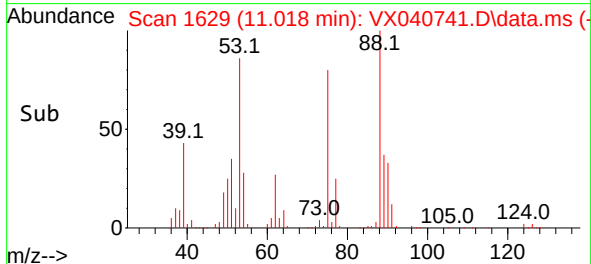
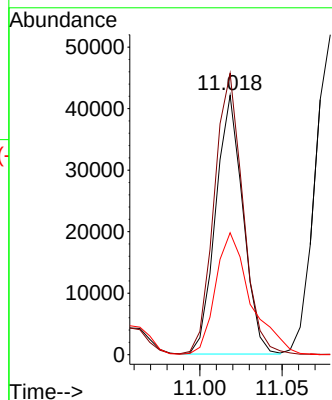
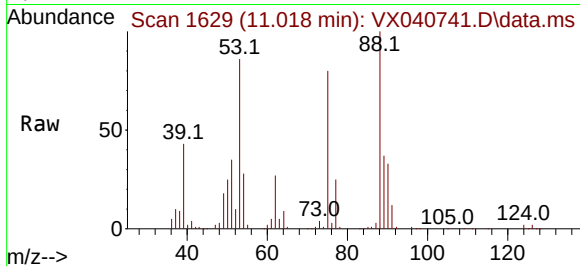
#81
trans-1,4-Dichloro-2-butene
Concen: 140.064 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 4859
Ion Ratio Lower Upper
75 100
53 114.7 90.5 135.7
89 60.9 36.9 55.3

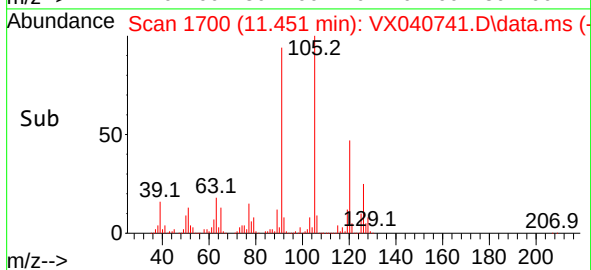
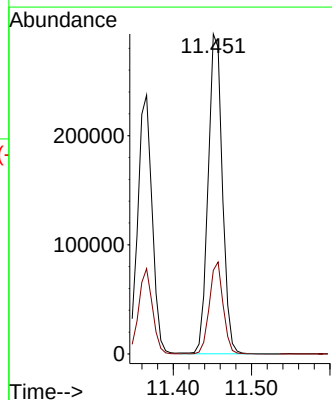
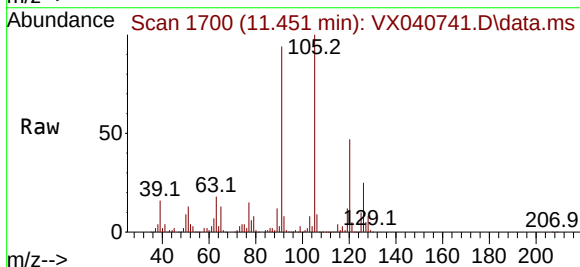
Manual Integrations
APPROVED

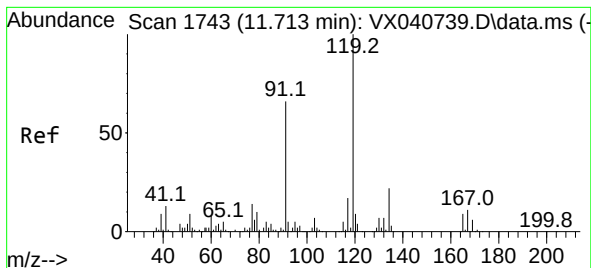
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#82
4-Chlorotoluene
Concen: 133.154 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

Tgt Ion: 91 Resp: 367958
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 135.761 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 35349

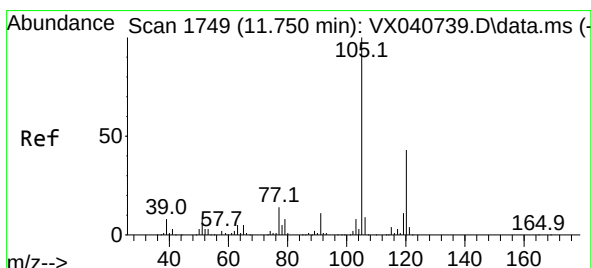
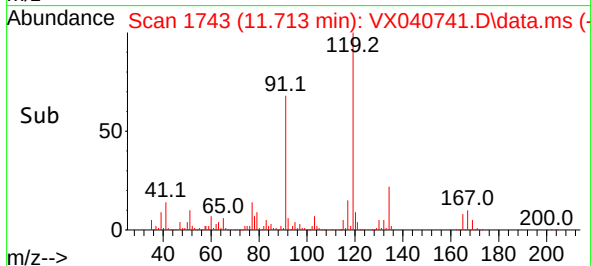
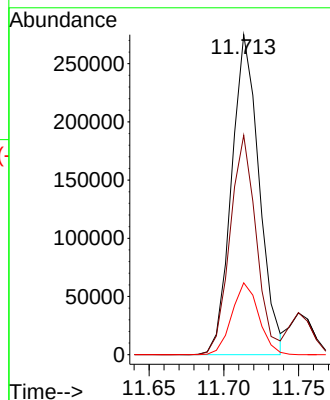
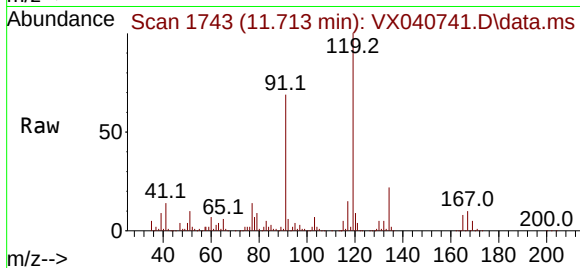
Ion	Ratio	Lower	Upper
119	100		
91	65.3	31.2	93.6
134	21.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 138.640 ug/l

RT: 11.750 min Scan# 1749

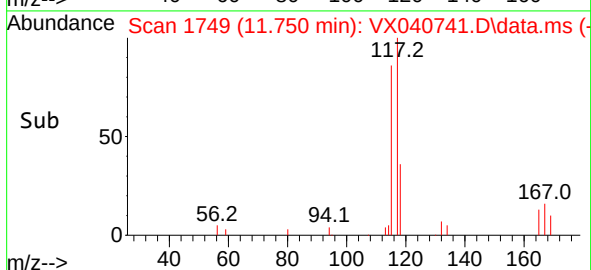
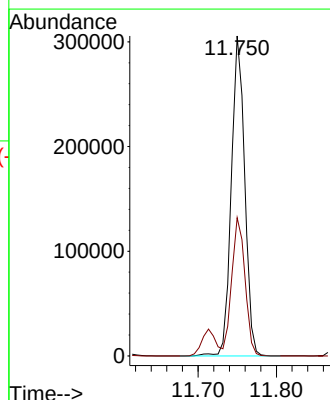
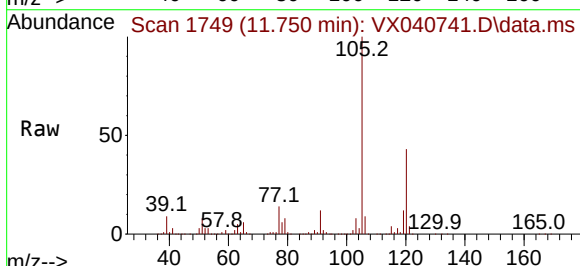
Delta R.T. -0.000 min

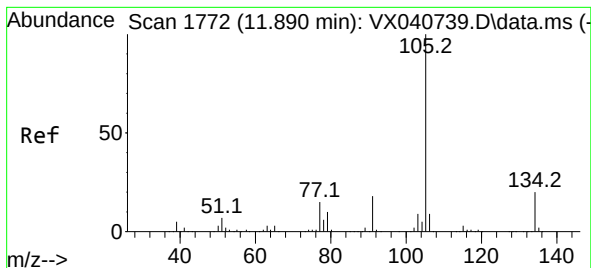
Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Tgt Ion:105 Resp: 362246

Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.2	63.6





#85

sec-Butylbenzene

Concen: 134.919 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 44673

Ion Ratio Lower Upper

105 100

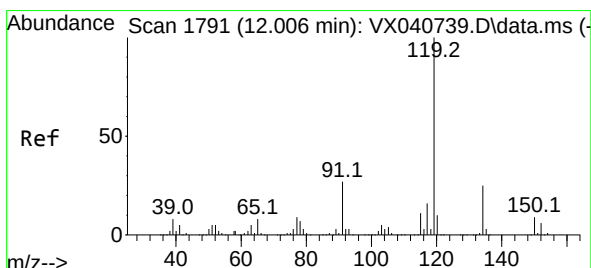
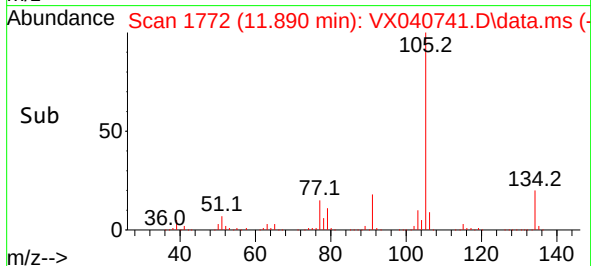
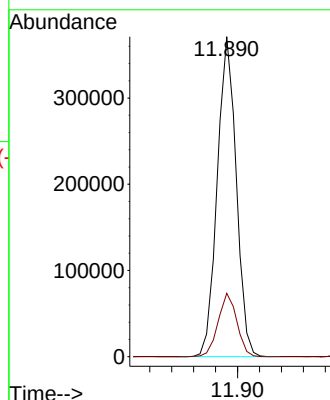
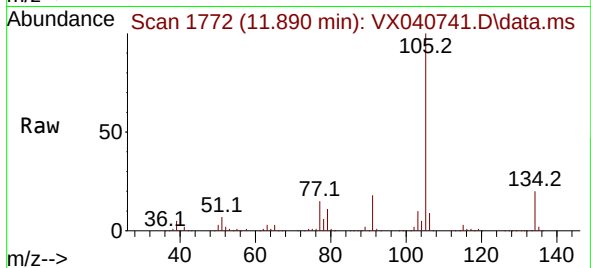
134 19.6 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#86

p-Isopropyltoluene

Concen: 139.765 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

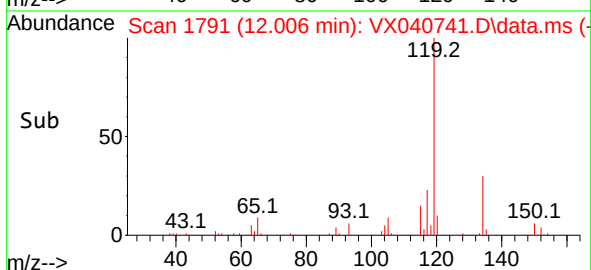
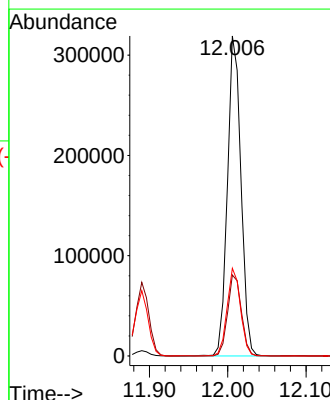
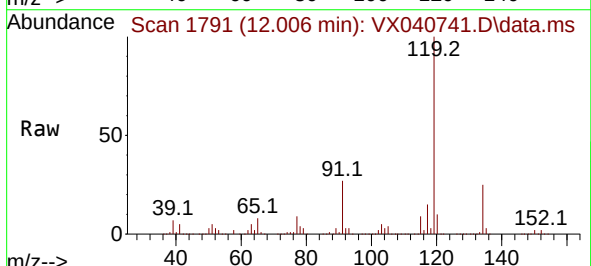
Tgt Ion:119 Resp: 383744

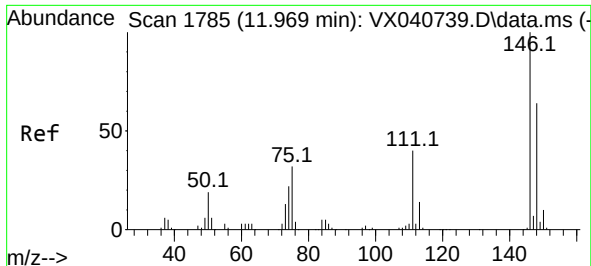
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 138.365 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 198060

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.1

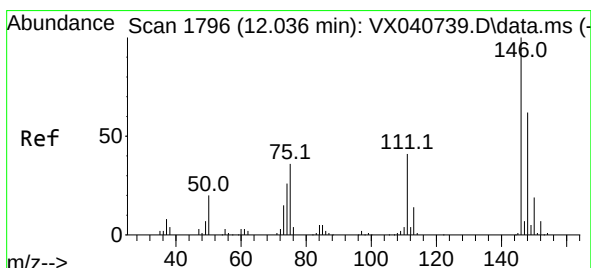
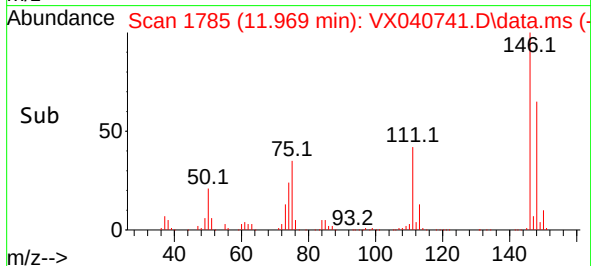
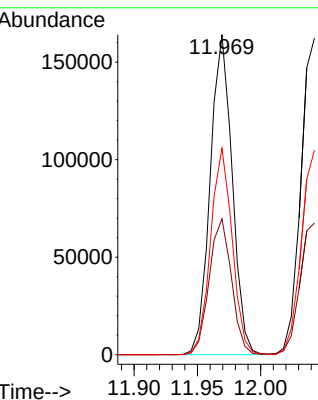
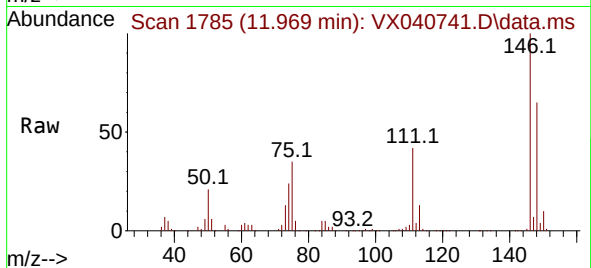
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#88

1,4-Dichlorobenzene

Concen: 132.637 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

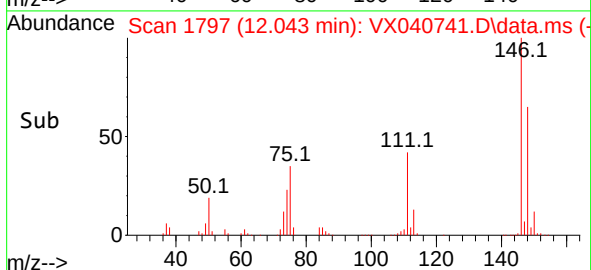
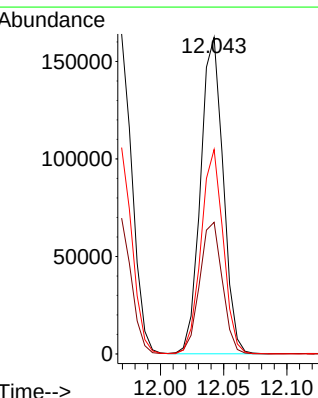
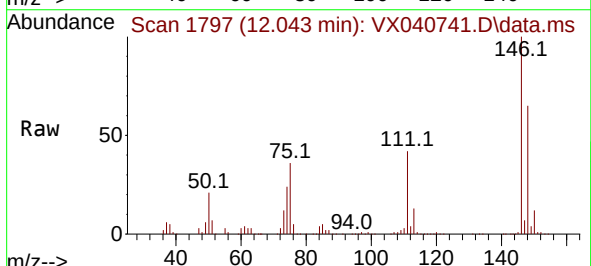
Tgt Ion:146 Resp: 201632

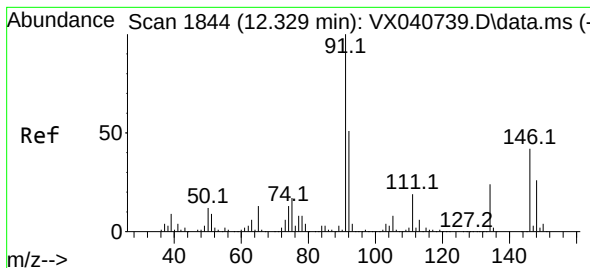
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

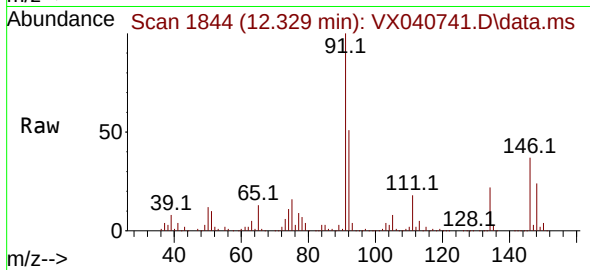
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 140.101 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

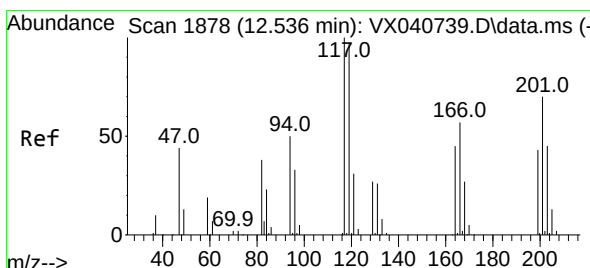
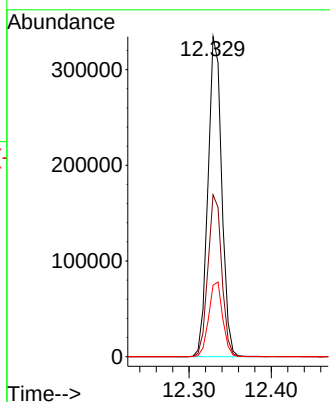
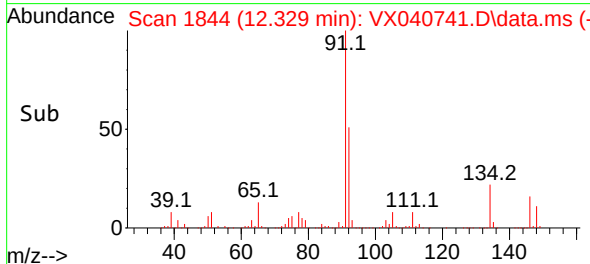
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 38790
Ion Ratio Lower Upper
91 100
92 50.9 27.4 82.0
134 23.7 12.6 37.8

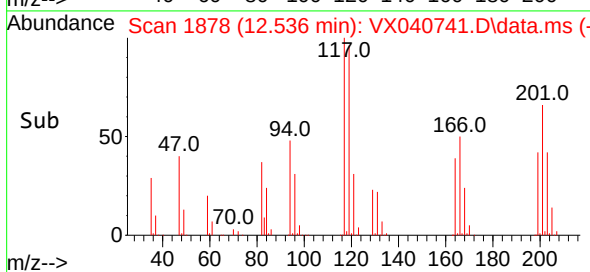
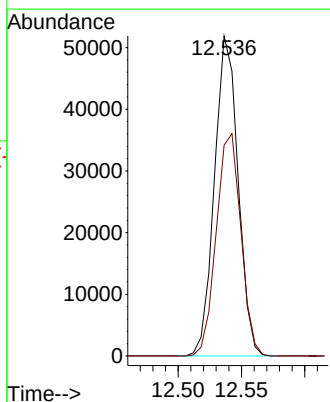
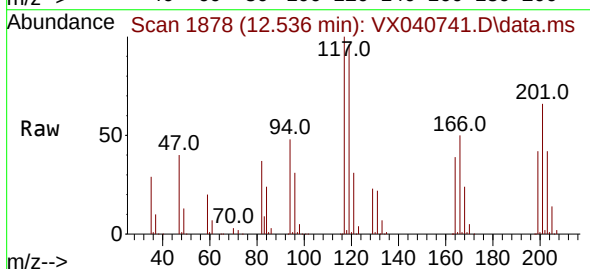
Manual Integrations
APPROVED

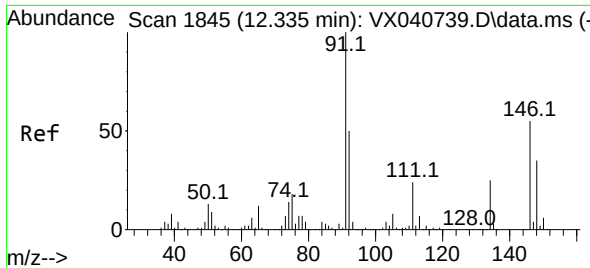
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#90
Hexachloroethane
Concen: 140.648 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

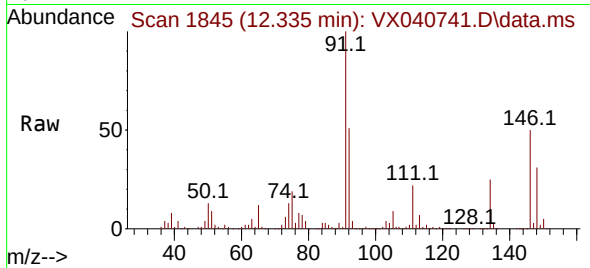
Tgt Ion:117 Resp: 67243
Ion Ratio Lower Upper
117 100
201 72.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 133.233 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

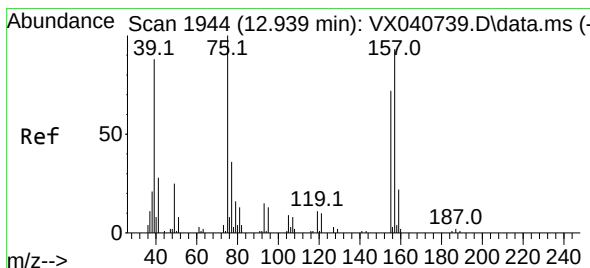
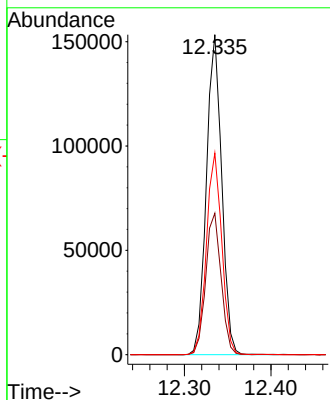
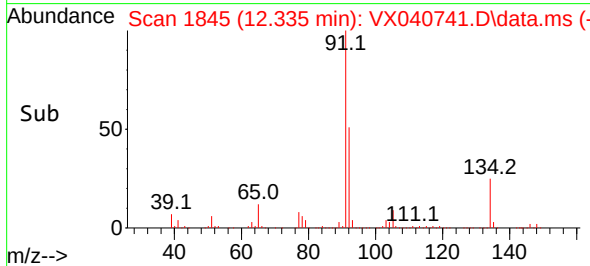
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



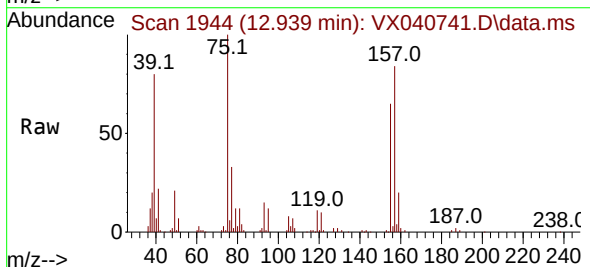
Tgt Ion:146 Resp: 187370
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

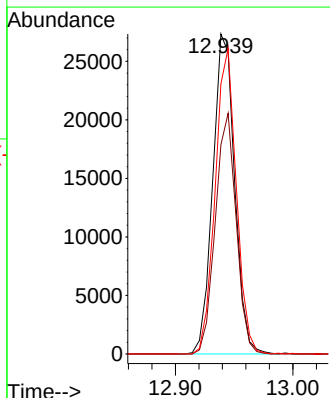
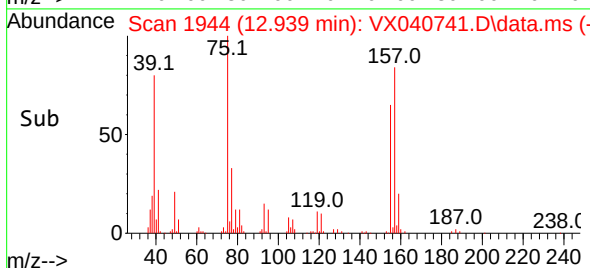
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

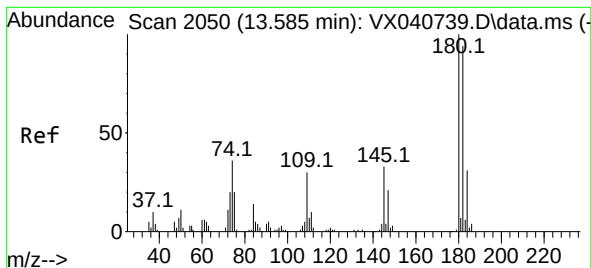


#92
1,2-Dibromo-3-Chloropropane
Concen: 135.134 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47



Tgt Ion: 75 Resp: 35373
Ion Ratio Lower Upper
75 100
155 71.7 36.1 108.5
157 92.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 137.170 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 137100

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.8

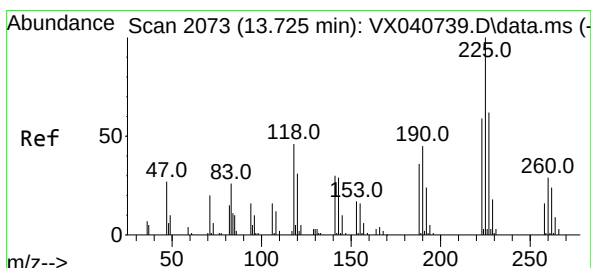
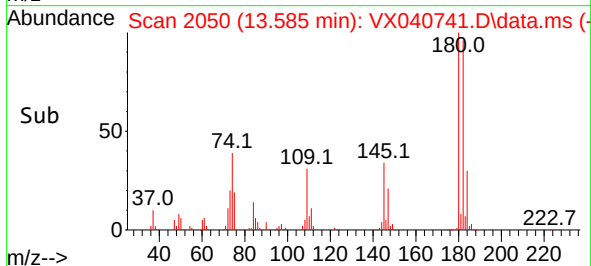
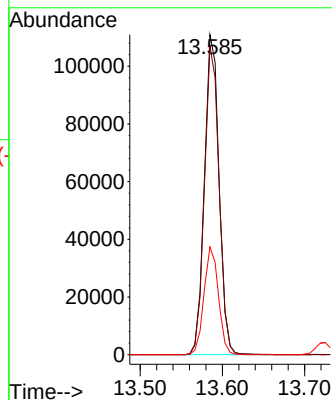
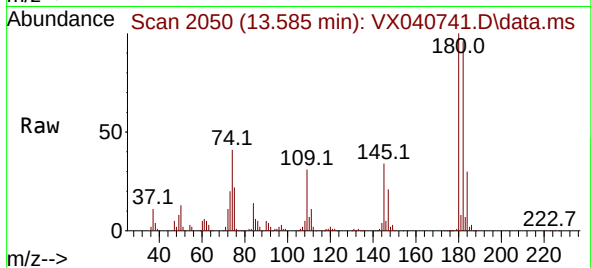
145 33.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#94

Hexachlorobutadiene

Concen: 132.374 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040741.D

Acq: 21 Mar 2024 13:47

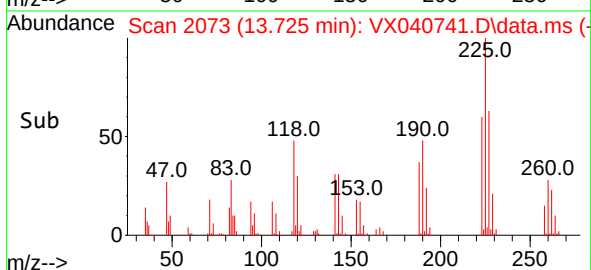
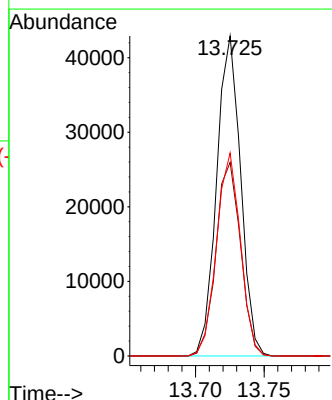
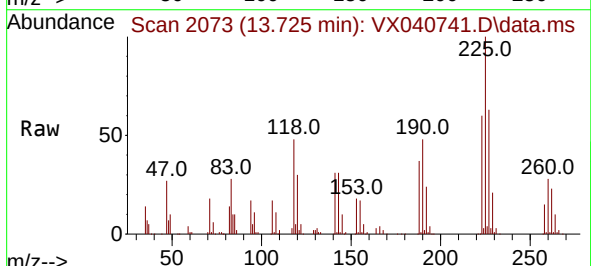
Tgt Ion:225 Resp: 52150

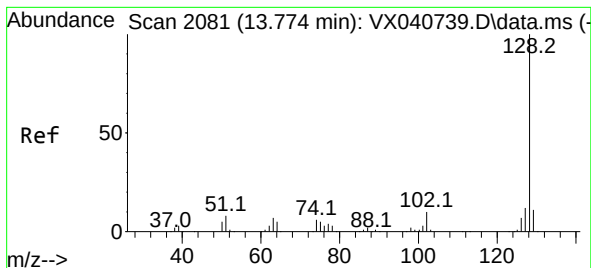
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

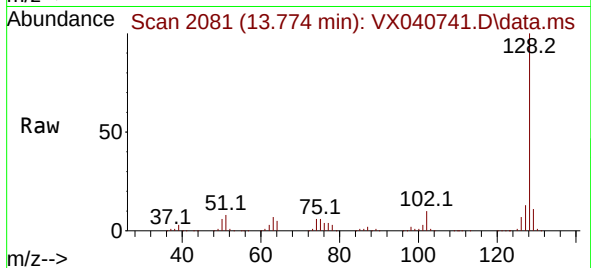
227 63.3 32.5 97.5





#95
Naphthalene
Concen: 138.588 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47

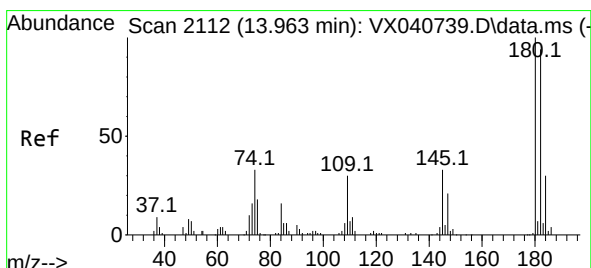
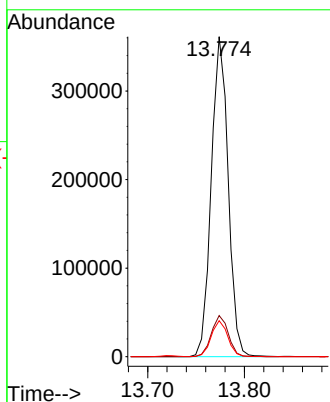
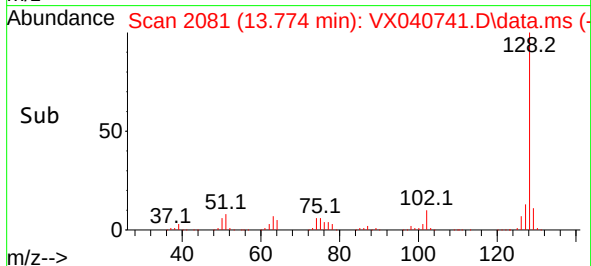
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



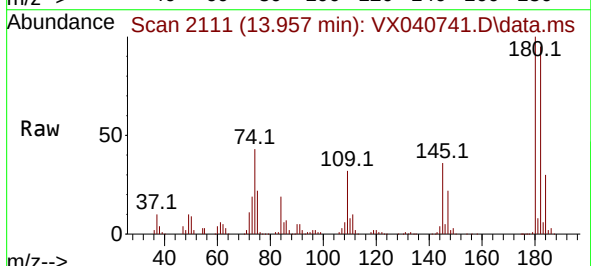
Tgt Ion:128 Resp: 438233
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 131.959 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040741.D
Acq: 21 Mar 2024 13:47



Tgt Ion:180 Resp: 129582
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 34.8 17.8 53.5

