

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041092.D
 Acq On : 16 Apr 2024 09:48
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:38:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	212234	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	299313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	12779	5.577	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.160%#		
35) Dibromofluoromethane	5.391	113	10506	5.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.500%#		
50) Toluene-d8	8.647	98	37108	5.298	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.600%#		
62) 4-Bromofluorobenzene	11.079	95	12964	4.876	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.760%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8494	5.046	ug/l	100
3) Chloromethane	1.301	50	9894	5.288	ug/l	99
4) Vinyl Chloride	1.374	62	11150	5.200	ug/l	97
5) Bromomethane	1.599	94	7671	5.706	ug/l	94
6) Chloroethane	1.685	64	7585	5.359	ug/l	95
7) Trichlorofluoromethane	1.886	101	17834	5.299	ug/l	97
8) Diethyl Ether	2.136	74	6567	4.972	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	9708	4.962	ug/l #	86
10) Methyl Iodide	2.453	142	8437	4.105	ug/l	94
11) Tert butyl alcohol	2.965	59	11363	25.349	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	9318	4.974	ug/l	84
13) Acrolein	2.239	56	14479	25.683	ug/l	96
14) Allyl chloride	2.666	41	14558	4.806	ug/l	97
15) Acrylonitrile	3.062	53	27316	24.611	ug/l	99
16) Acetone	2.380	43	24794	25.743	ug/l	99
17) Carbon Disulfide	2.514	76	20986	4.922	ug/l	98
18) Methyl Acetate	2.709	43	11782	4.900	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	27688	4.782	ug/l	95
20) Methylene Chloride	2.788	84	10270	4.997	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	9470	4.929	ug/l #	85
22) Diisopropyl ether	3.757	45	28095	4.843	ug/l #	75
23) Vinyl Acetate	3.721	43	123247	23.441	ug/l	97
24) 1,1-Dichloroethane	3.605	63	17068	5.025	ug/l	99
25) 2-Butanone	4.562	43	36911	24.392	ug/l	97
26) 2,2-Dichloropropane	4.477	77	12266	4.549	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	11096	4.780	ug/l	88
28) Bromochloromethane	4.897	49	8268	3.640	ug/l #	74
29) Tetrahydrofuran	5.013	42	25081	25.036	ug/l	98
30) Chloroform	5.099	83	18343	4.970	ug/l	98
31) Cyclohexane	5.464	56	14368	5.062	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	15506	4.787	ug/l	99
36) 1,1-Dichloropropene	5.702	75	12629	4.989	ug/l	97
37) Ethyl Acetate	4.721	43	15291	5.058	ug/l	100
38) Carbon Tetrachloride	5.678	117	13877	4.728	ug/l	92
39) Methylcyclohexane	7.379	83	15290	4.814	ug/l	93
40) Benzene	6.038	78	37910	4.906	ug/l	100

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 Sample : VSTDICC005
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7550	4.766	ug/l	97
42) 1,2-Dichloroethane	6.092	62	13811	4.988	ug/l	96
43) Isopropyl Acetate	6.348	43	20565	4.581	ug/l	98
44) Trichloroethene	7.123	130	11261	4.907	ug/l	82
45) 1,2-Dichloropropane	7.428	63	8625	4.701	ug/l	95
46) Dibromomethane	7.580	93	7073	4.903	ug/l #	79
47) Bromodichloromethane	7.824	83	13029	4.640	ug/l	95
48) Methyl methacrylate	7.696	41	9726	4.439	ug/l	94
49) 1,4-Dioxane	7.665	88	4809	93.922	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	71585	23.474	ug/l	98
52) Toluene	8.720	92	24741	4.905	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	11615	4.312	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	13342	4.509	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	9809	4.843	ug/l	98
56) Ethyl methacrylate	9.116	69	13271	4.141	ug/l	97
57) 1,3-Dichloropropane	9.311	76	16227	4.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	33112	23.247	ug/l	94
59) 2-Hexanone	9.433	43	55259	23.424	ug/l	99
60) Dibromochloromethane	9.519	129	10969	4.478	ug/l	98
61) 1,2-Dibromoethane	9.610	107	10391	4.697	ug/l	100
64) Tetrachloroethene	9.275	164	11363	5.074	ug/l	91
65) Chlorobenzene	10.079	112	30265	4.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	10002	4.700	ug/l	99
67) Ethyl Benzene	10.195	91	45059	4.642	ug/l	99
68) m/p-Xylenes	10.299	106	36269	9.394	ug/l	94
69) o-Xylene	10.640	106	17136	4.560	ug/l	95
70) Styrene	10.659	104	29021	4.548	ug/l	95
71) Bromoform	10.799	173	8549	4.266	ug/l #	99
73) Isopropylbenzene	10.963	105	45946	4.774	ug/l	98
74) N-amyl acetate	10.842	43	16556	4.337	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	15282	4.839	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	14017m	5.272	ug/l	
77) Bromobenzene	11.195	156	13392	4.740	ug/l	79
78) n-propylbenzene	11.305	91	51043	4.730	ug/l	97
79) 2-Chlorotoluene	11.366	91	31841	4.840	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	37727	4.706	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3499	5.754	ug/l	93
82) 4-Chlorotoluene	11.457	91	35916	4.689	ug/l	91
83) tert-Butylbenzene	11.713	119	40068	4.686	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	37423	4.678	ug/l	93
85) sec-Butylbenzene	11.890	105	48607	4.738	ug/l	96
86) p-Isopropyltoluene	12.006	119	42260	4.642	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	25395	4.765	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	27197	4.838	ug/l	99
89) n-Butylbenzene	12.335	91	34767	4.501	ug/l	96
90) Hexachloroethane	12.536	117	6658	4.318	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	25166	4.758	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3164	4.619	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	17956	4.517	ug/l	96
94) Hexachlorobutadiene	13.725	225	9169	4.838	ug/l	96
95) Naphthalene	13.774	128	46584	4.339	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18123	4.591	ug/l	96

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

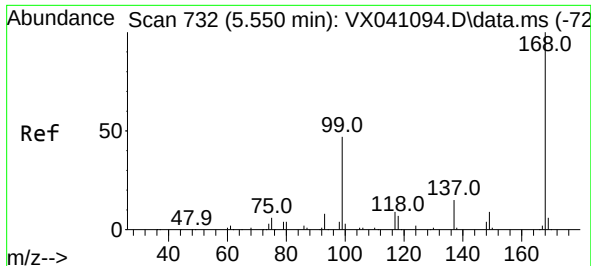
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/17/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 01:32:05 2024
Response via : Initial Calibration

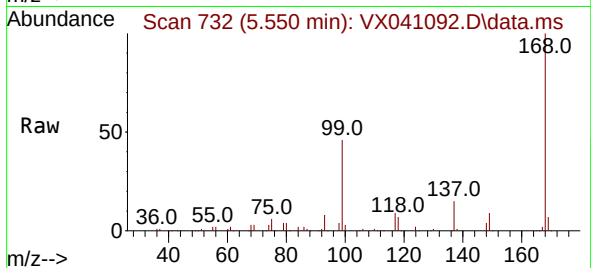
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

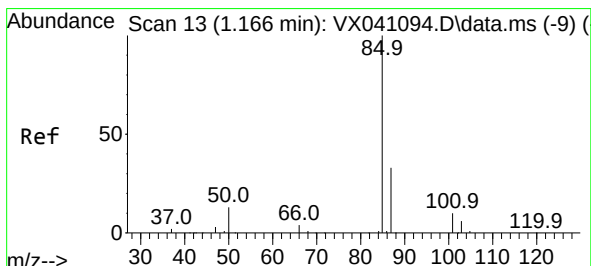
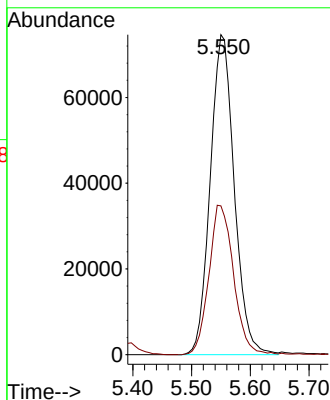
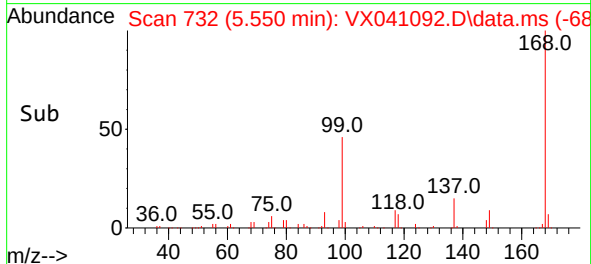
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 212234
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0

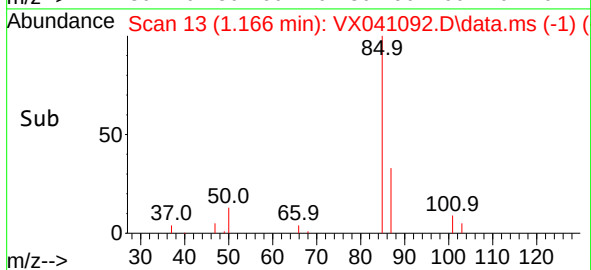
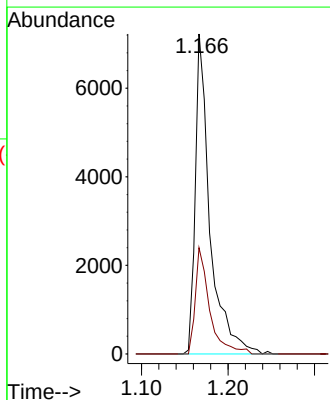
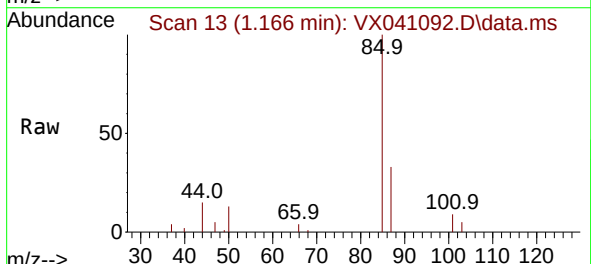
Manual Integrations
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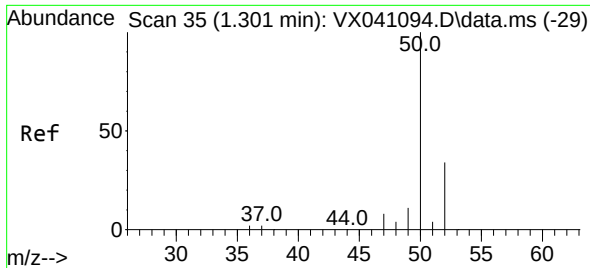
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#2
Dichlorodifluoromethane
Concen: 5.046 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

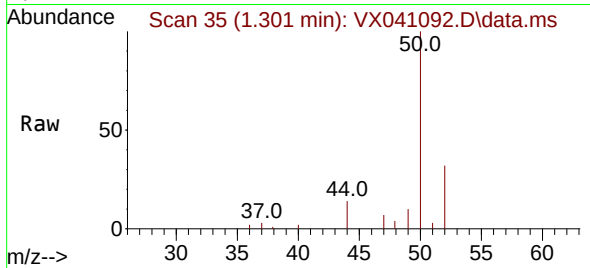
Tgt Ion: 85 Resp: 8494
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1





#3
Chloromethane
Concen: 5.288 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

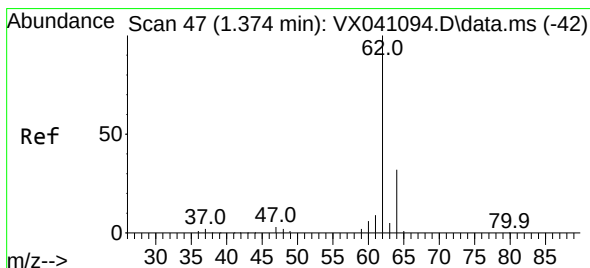
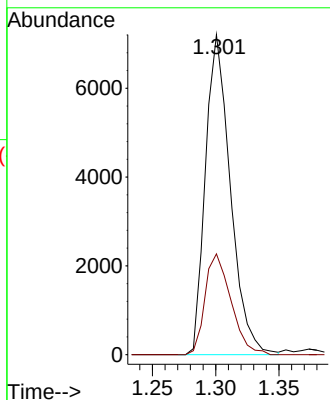
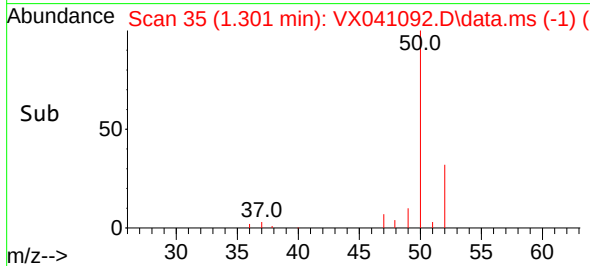
Instrument :
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ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 9894
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3

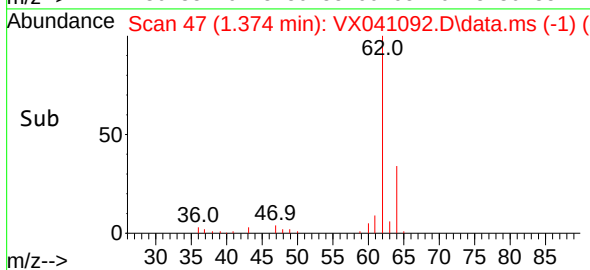
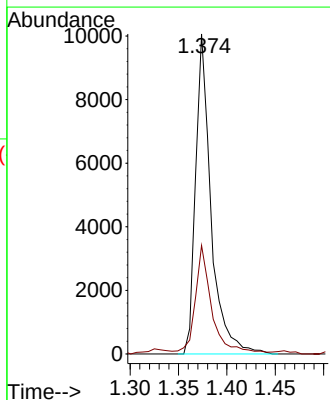
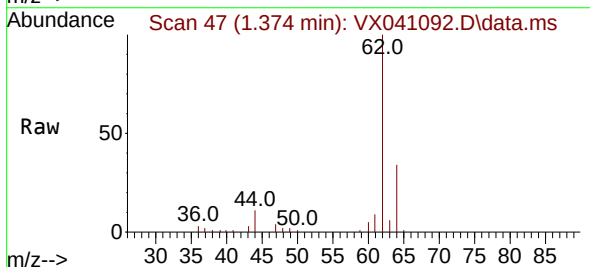
Manual Integrations
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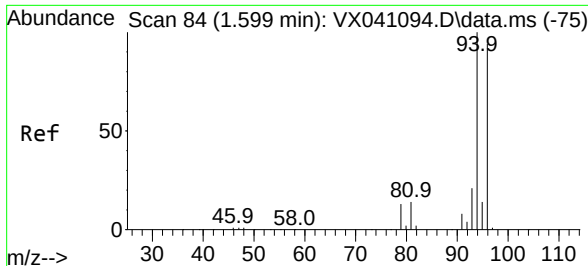
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#4
Vinyl Chloride
Concen: 5.200 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

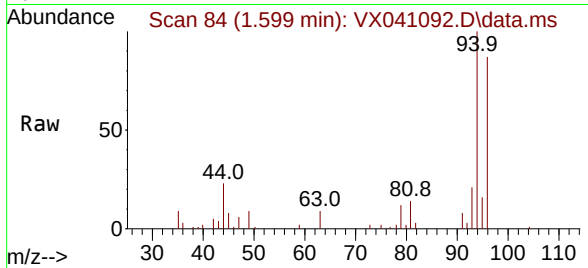
Tgt Ion: 62 Resp: 11150
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 5.706 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

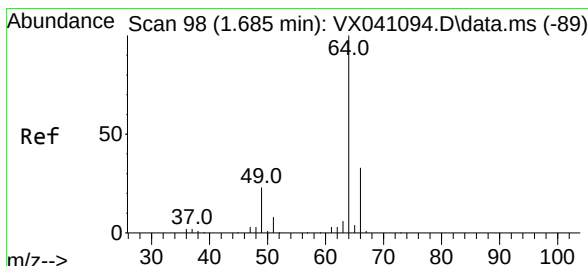
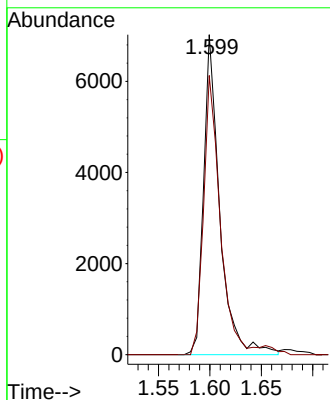
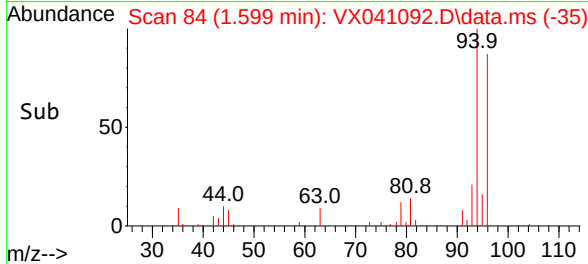
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 87.2 74.6 111.8

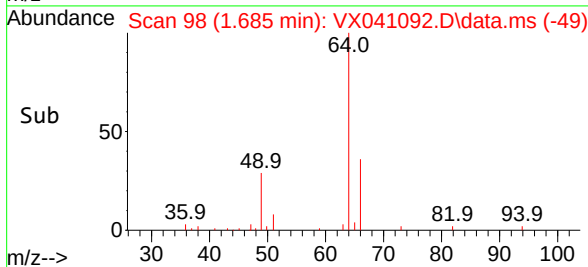
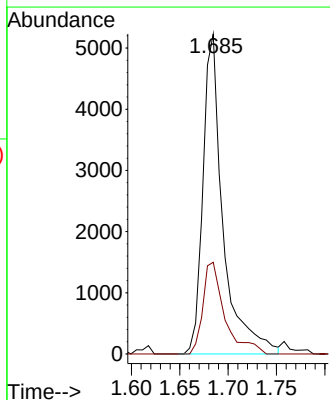
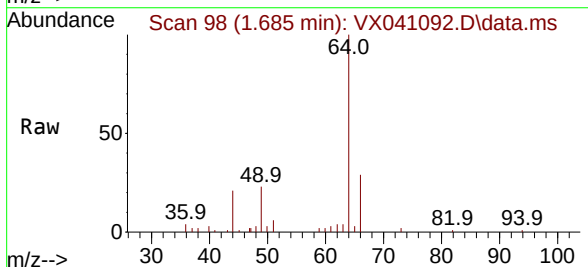
Manual Integrations
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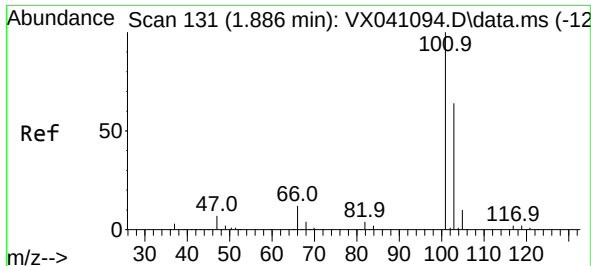
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#6
Chloroethane
Concen: 5.359 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

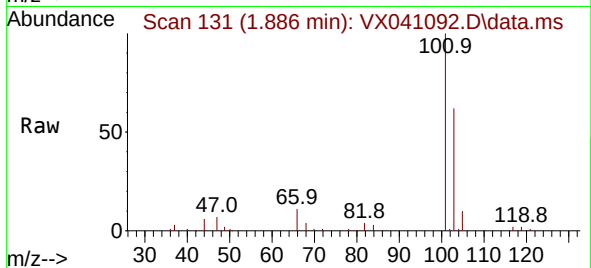
Tgt Ion: 64 Resp: 7585
Ion Ratio Lower Upper
64 100
66 28.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 5.299 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041092.D
 Acq: 16 Apr 2024 09:48

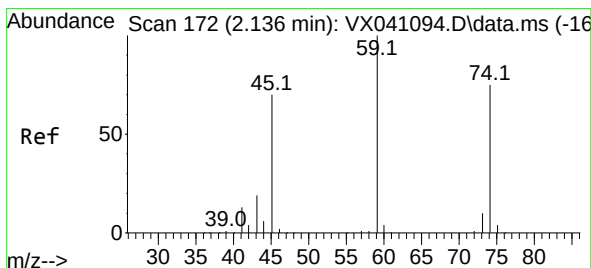
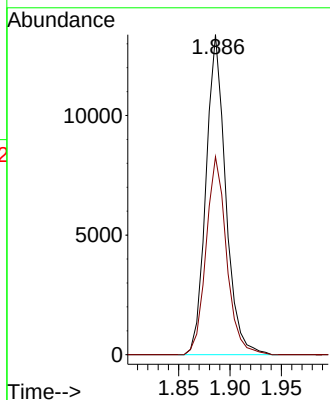
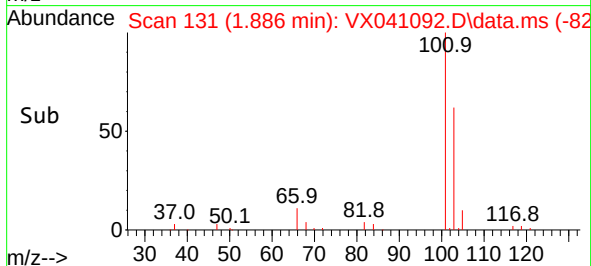
Instrument :
 MSVOA_X
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 VSTDIC005



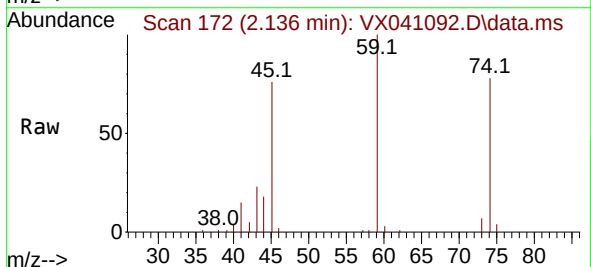
Tgt Ion:101 Resp: 17834
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.4 77.2

Manual Integrations
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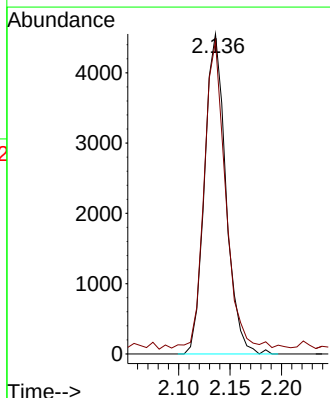
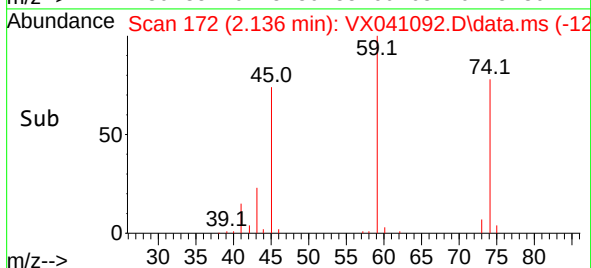
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024

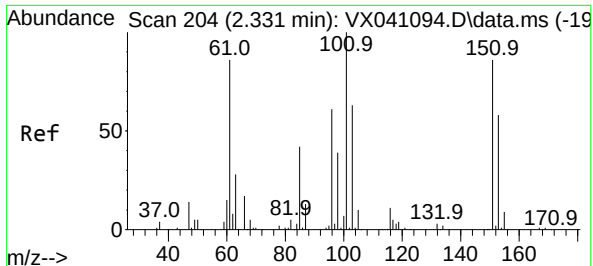


#8
 Diethyl Ether
 Concen: 4.972 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041092.D
 Acq: 16 Apr 2024 09:48



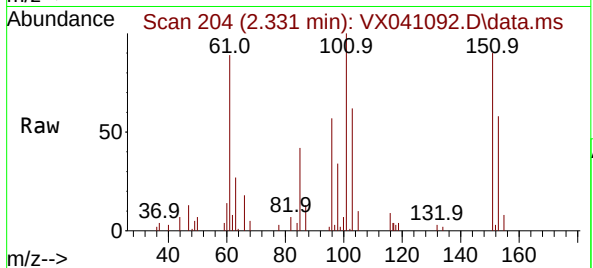
Tgt Ion: 74 Resp: 6567
 Ion Ratio Lower Upper
 74 100
 45 98.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.962 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

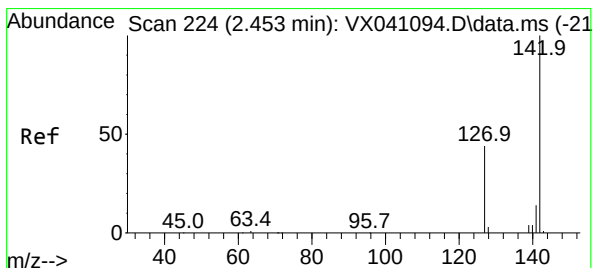
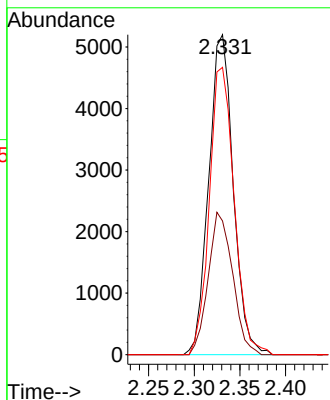
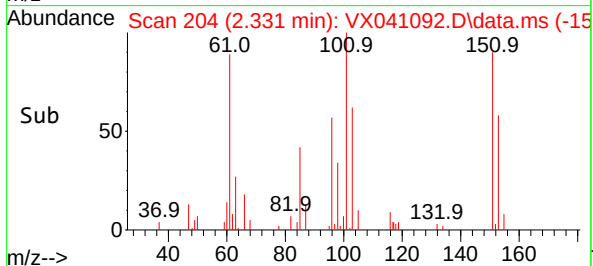
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



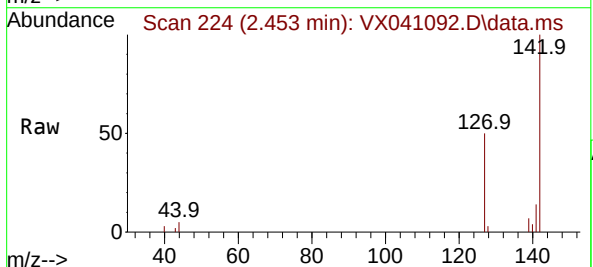
Tgt Ion:101 Resp: 9708
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 90.8 58.6 87.8

Manual Integrations
APPROVED

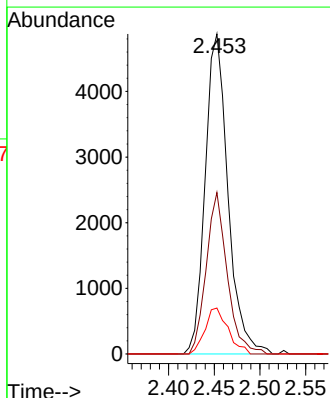
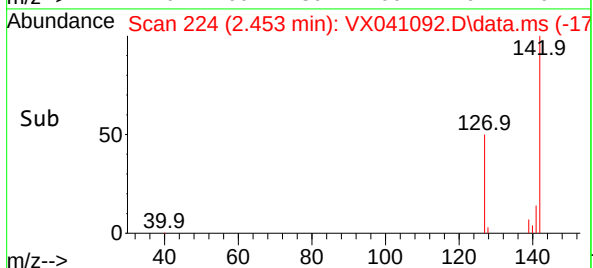
Reviewed By :John Carbone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

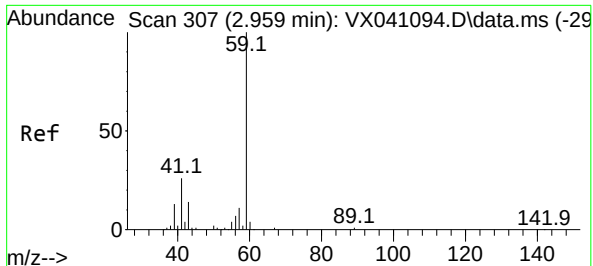


#10
Methyl Iodide
Concen: 4.105 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48



Tgt Ion:142 Resp: 8437
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 25.349 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 1136

Ion Ratio Lower Upper

59 100

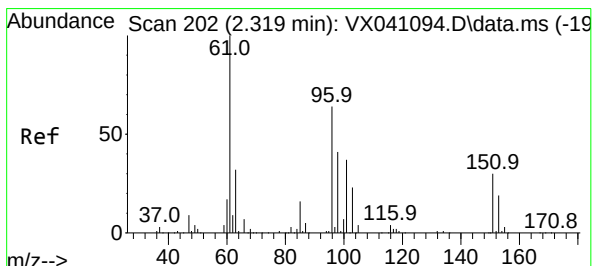
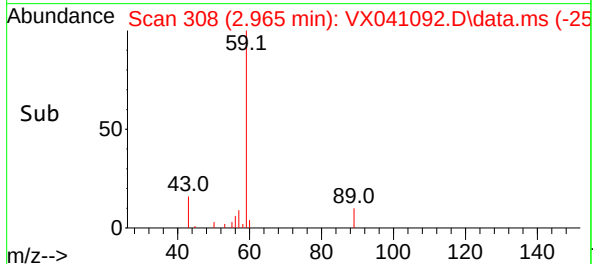
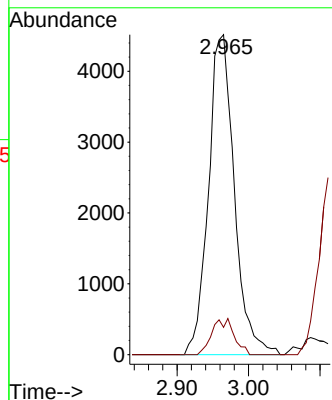
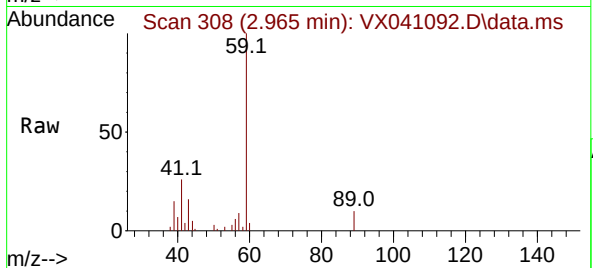
57 9.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#12

1,1-Dichloroethene

Concen: 4.974 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

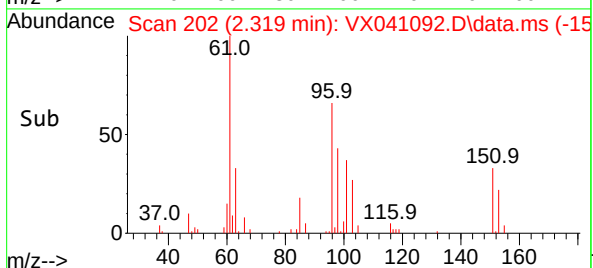
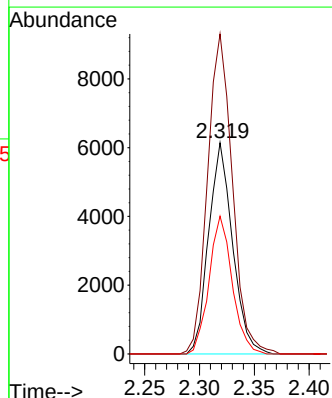
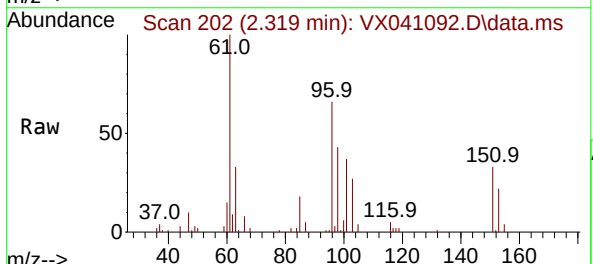
Tgt Ion: 96 Resp: 9318

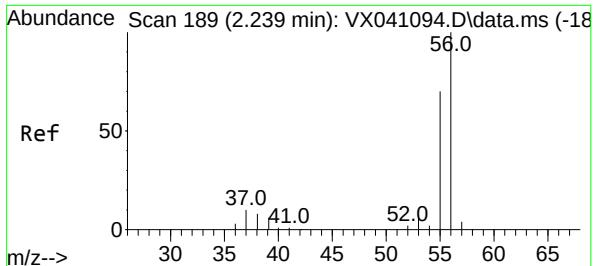
Ion Ratio Lower Upper

96 100

61 151.5 144.6 216.8

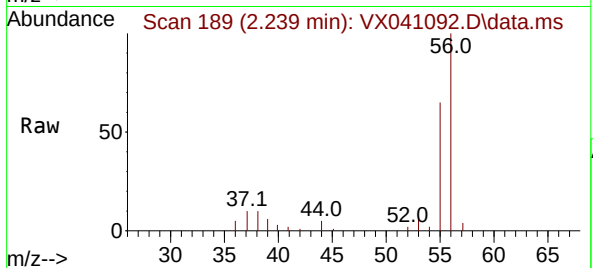
98 65.3 50.4 75.6





#13
Acrolein
Concen: 25.683 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

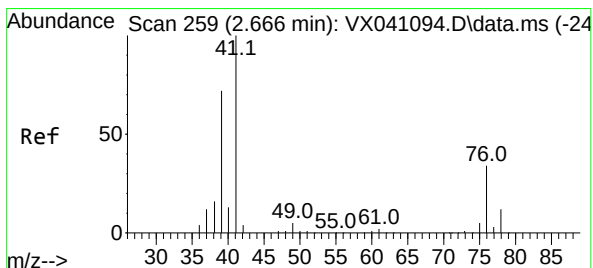
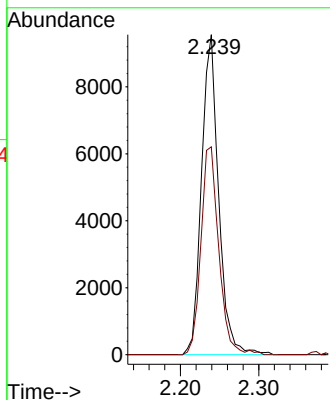
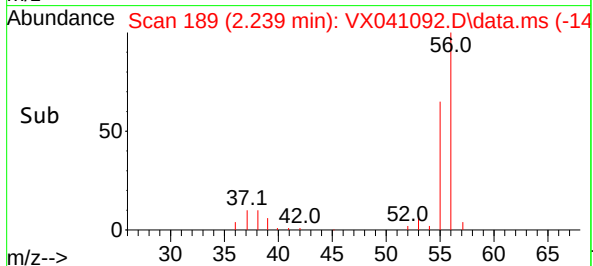
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



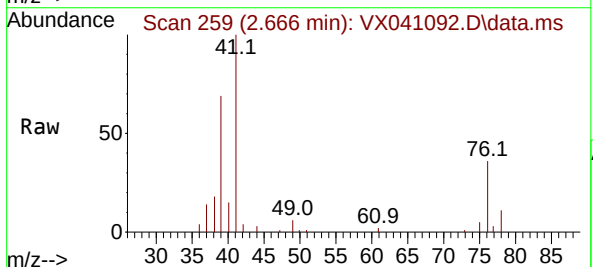
Tgt Ion: 56 Resp: 14479
Ion Ratio Lower Upper
56 100
55 67.9 57.1 85.7

Manual Integrations
APPROVED

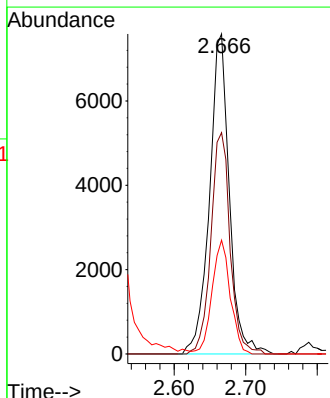
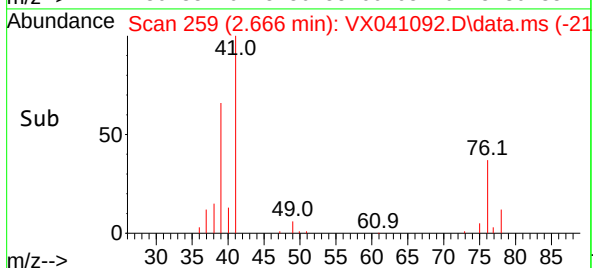
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

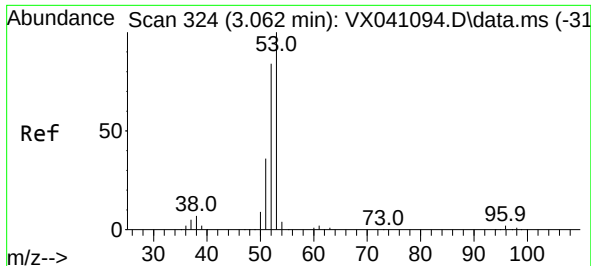


#14
Allyl chloride
Concen: 4.806 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48



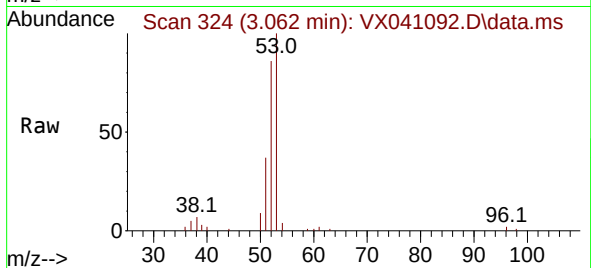
Tgt Ion: 41 Resp: 14558
Ion Ratio Lower Upper
41 100
39 67.2 55.8 83.6
76 32.8 24.3 36.5





#15
Acrylonitrile
Concen: 24.611 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

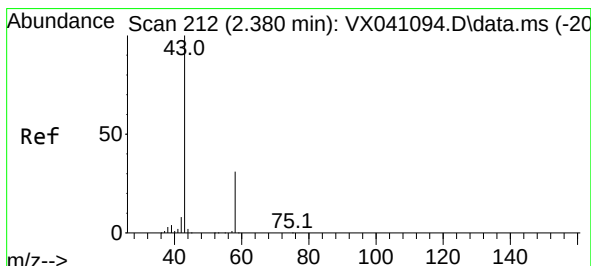
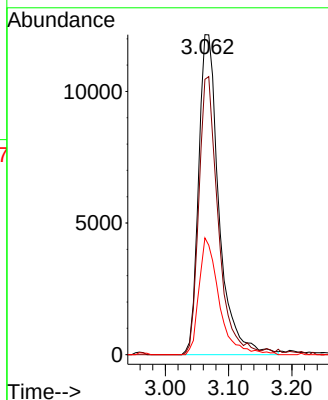
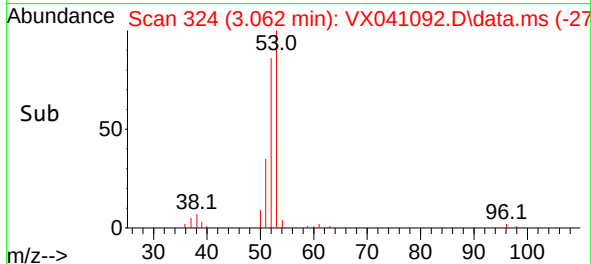
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 27310
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.1 29.8 44.6

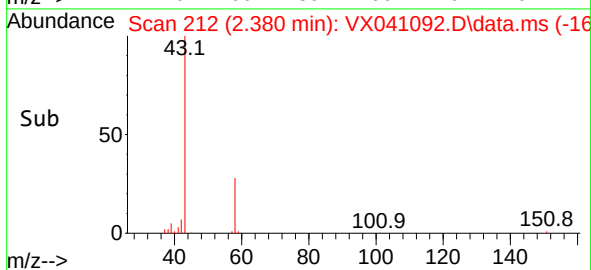
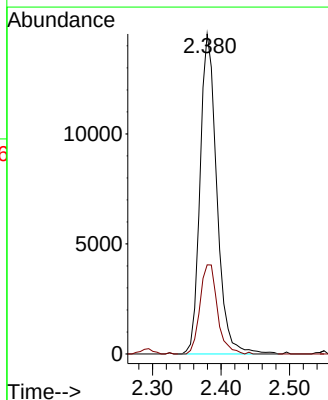
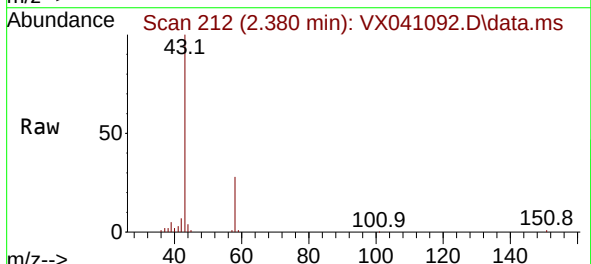
Manual Integrations
APPROVED

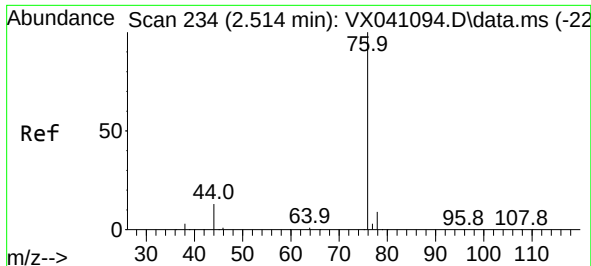
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#16
Acetone
Concen: 25.743 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 43 Resp: 24794
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9





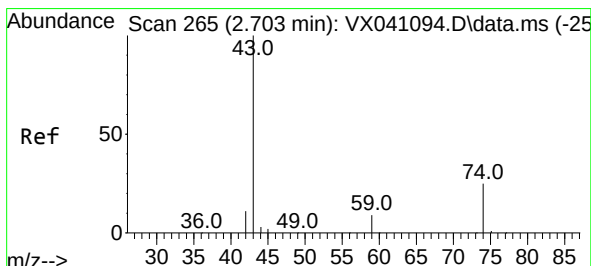
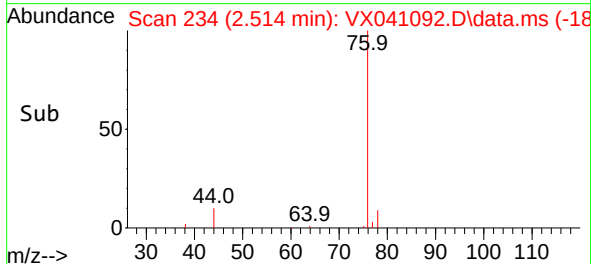
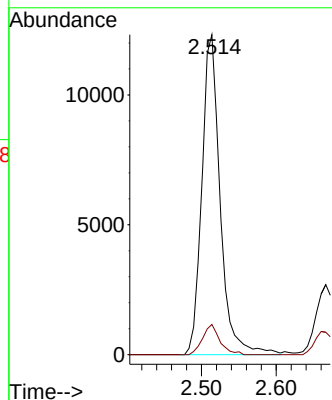
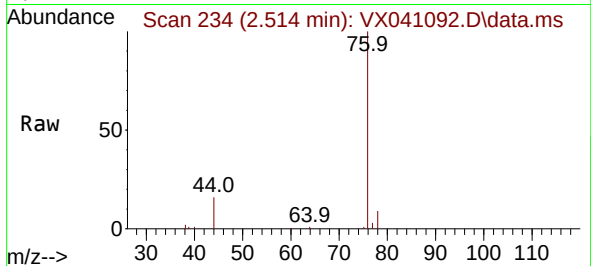
#17
Carbon Disulfide
Concen: 4.922 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 20980
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

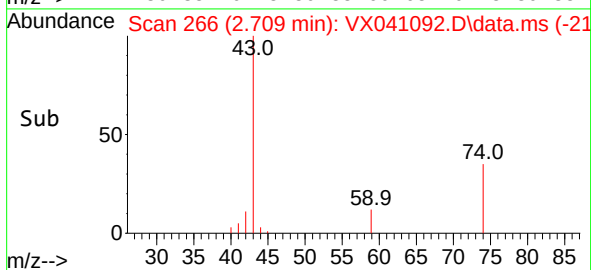
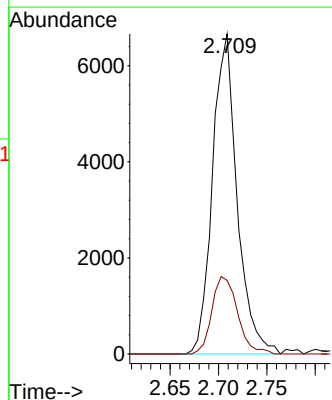
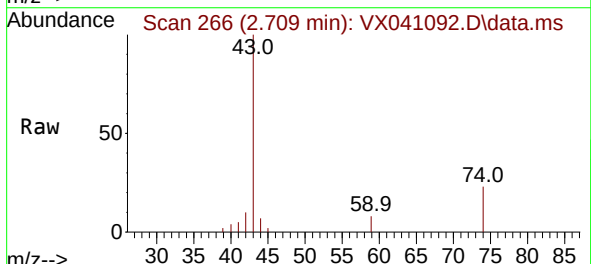
Manual Integrations
APPROVED

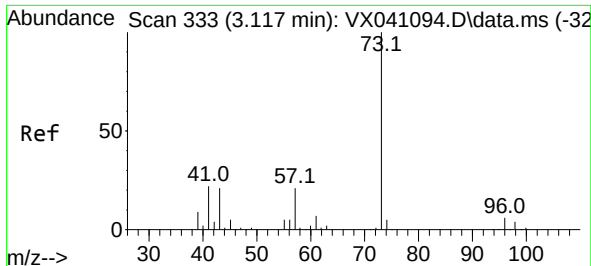
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#18
Methyl Acetate
Concen: 4.900 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 43 Resp: 11782
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.8





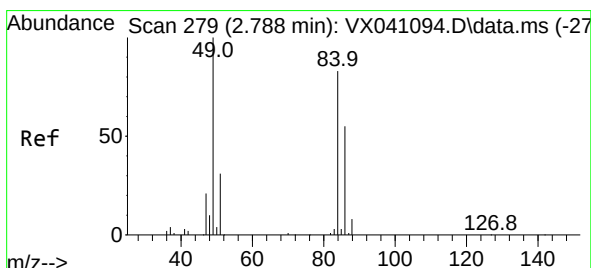
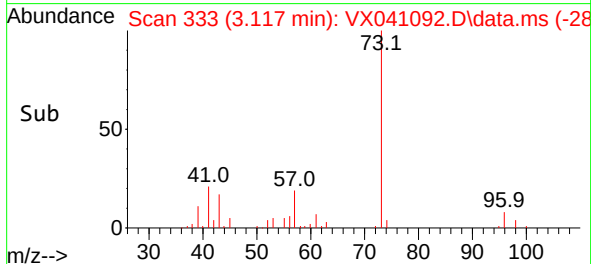
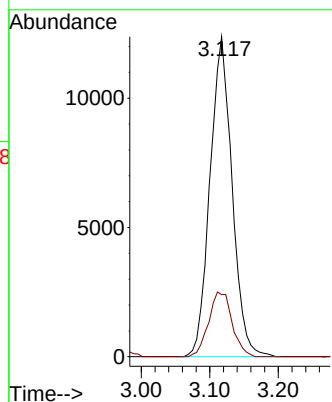
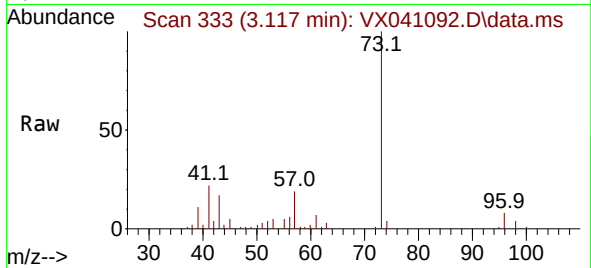
#19
Methyl tert-butyl Ether
Concen: 4.782 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 2768
Ion Ratio Lower Upper
73 100
57 19.4 17.3 25.9

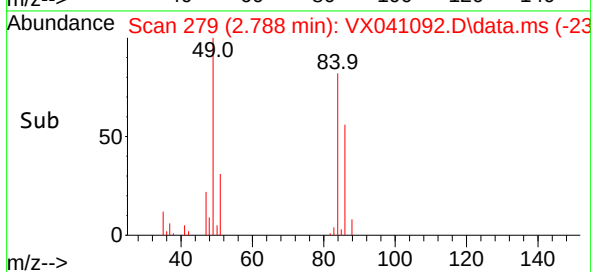
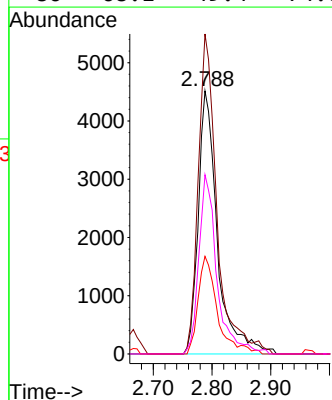
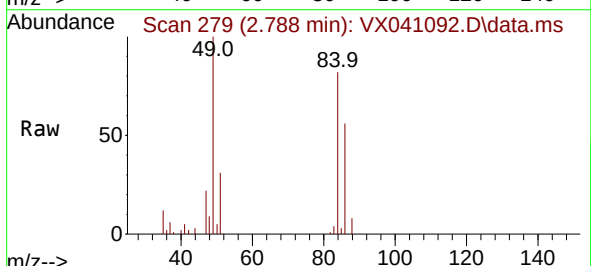
Manual Integrations
APPROVED

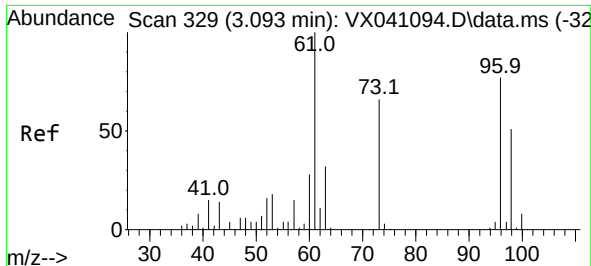
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#20
Methylene Chloride
Concen: 4.997 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

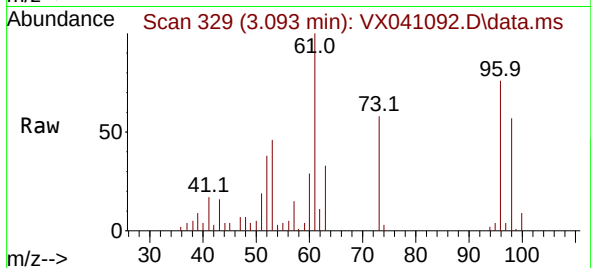
Tgt Ion: 84 Resp: 10270
Ion Ratio Lower Upper
84 100
49 121.6 103.6 155.4
51 37.1 33.8 50.6
86 68.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.929 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

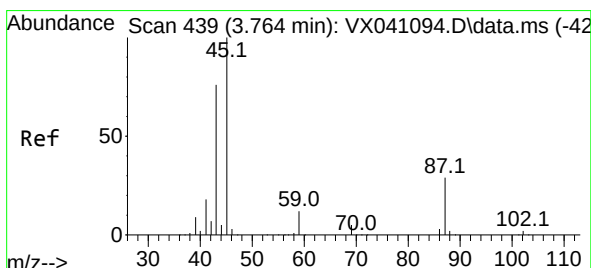
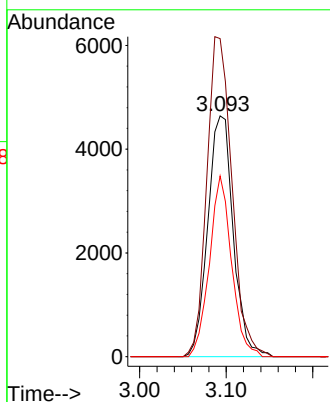
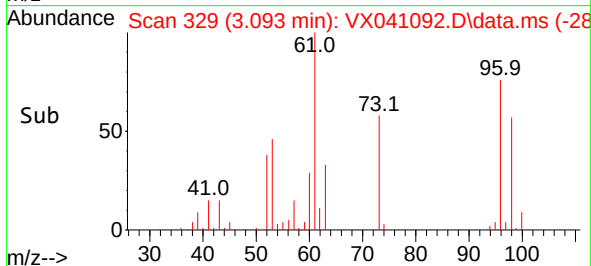
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



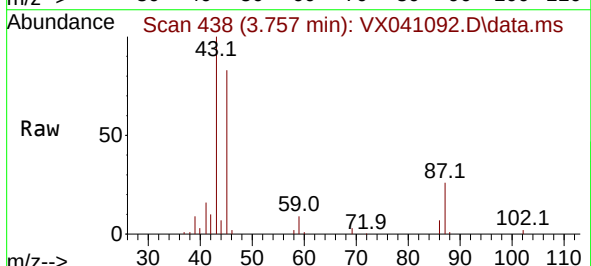
Tgt Ion: 96 Resp: 9470
Ion Ratio Lower Upper
96 100
61 132.1 119.2 178.8
98 75.0 48.7 73.1

Manual Integrations
APPROVED

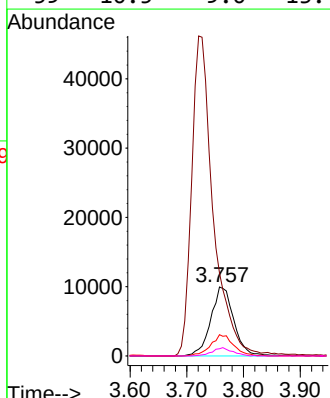
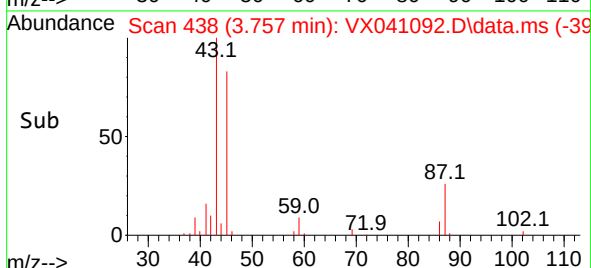
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

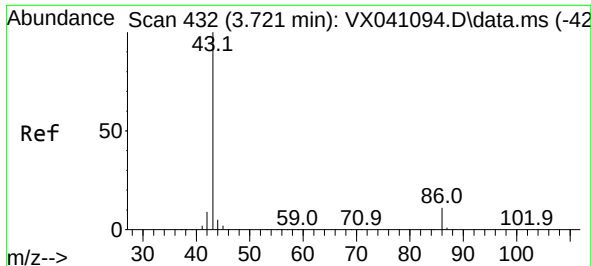


#22
Diisopropyl ether
Concen: 4.843 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48



Tgt Ion: 45 Resp: 28095
Ion Ratio Lower Upper
45 100
43 117.7 69.7 104.5#
87 30.8 20.8 31.2
59 10.5 9.0 13.4





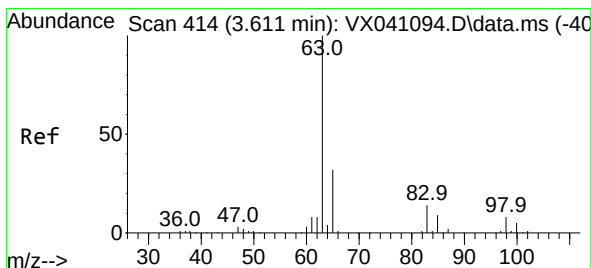
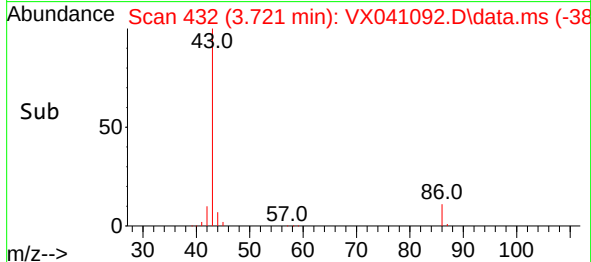
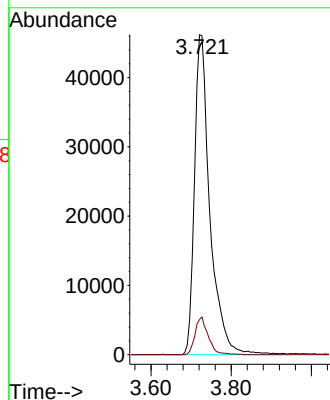
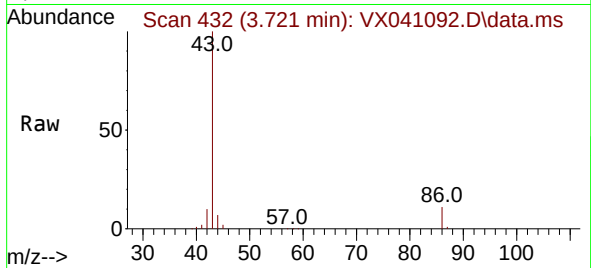
#23
 Vinyl Acetate
 Concen: 23.441 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041092.D
 Acq: 16 Apr 2024 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 12324
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

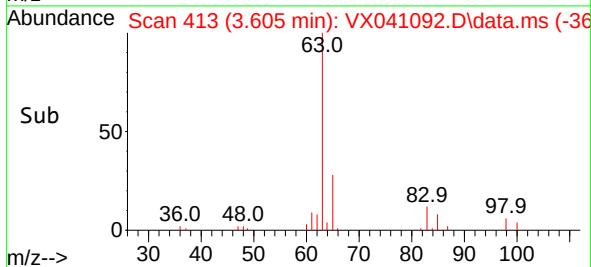
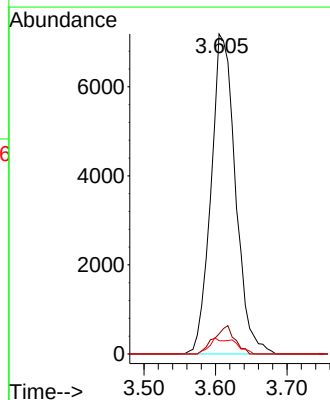
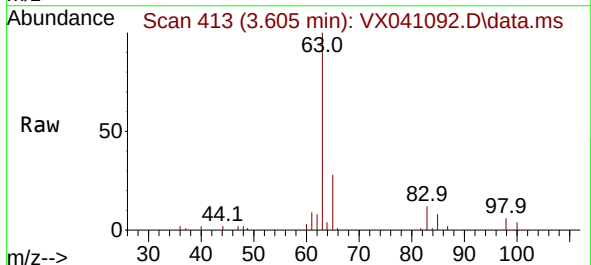
Manual Integrations
 APPROVED

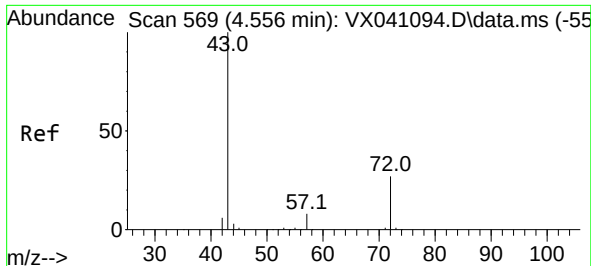
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#24
 1,1-Dichloroethane
 Concen: 5.025 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX041092.D
 Acq: 16 Apr 2024 09:48

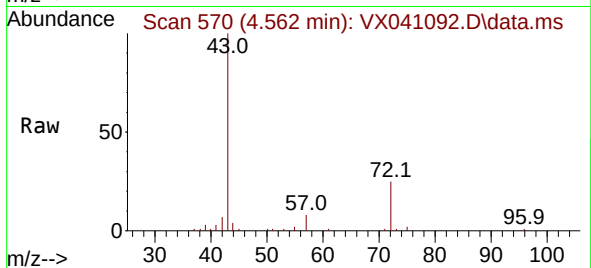
Tgt Ion: 63 Resp: 17068
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 24.392 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

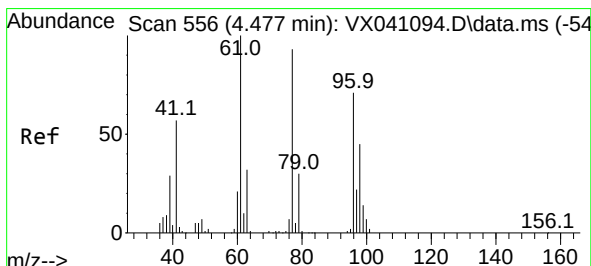
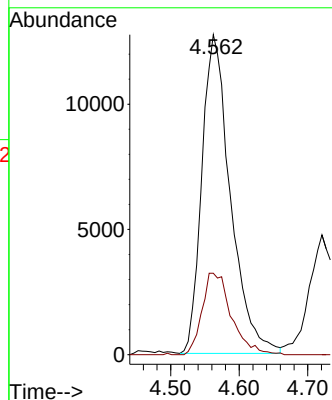
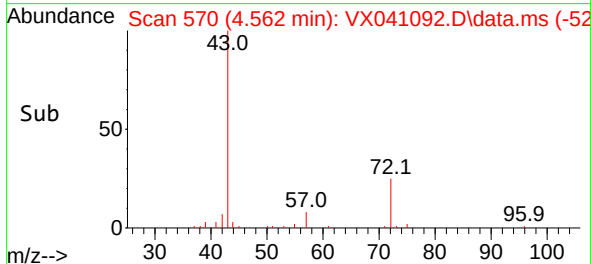
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

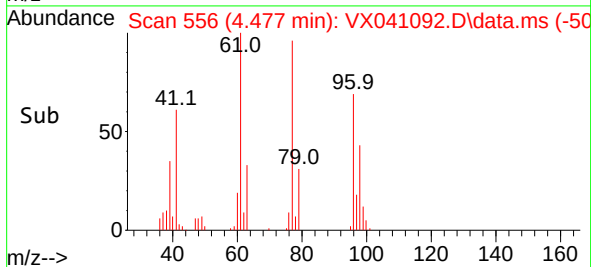
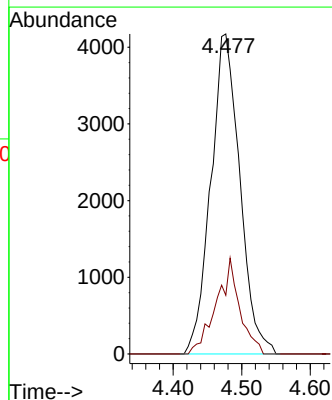
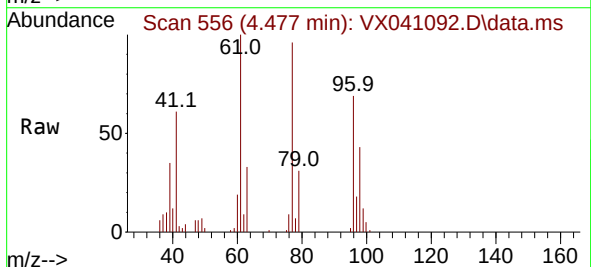
Manual Integrations
APPROVED

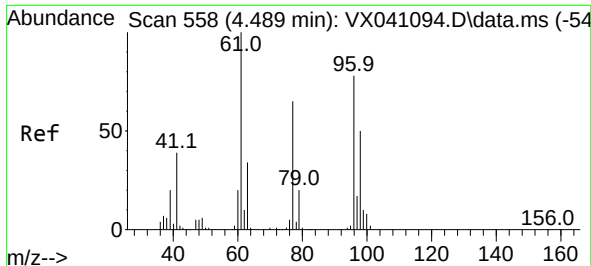
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#26
2,2-Dichloropropane
Concen: 4.549 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 77 Resp: 12266
Ion Ratio Lower Upper
77 100
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.780 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 11090

Ion Ratio Lower Upper

96 100

61 135.8 0.0 312.2

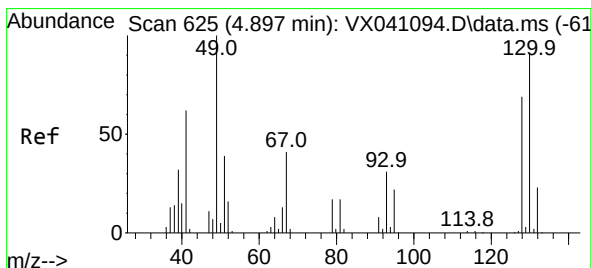
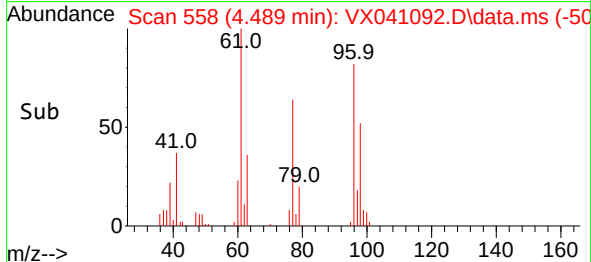
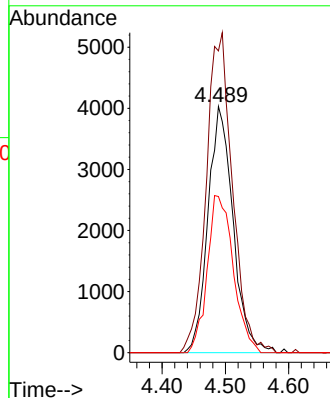
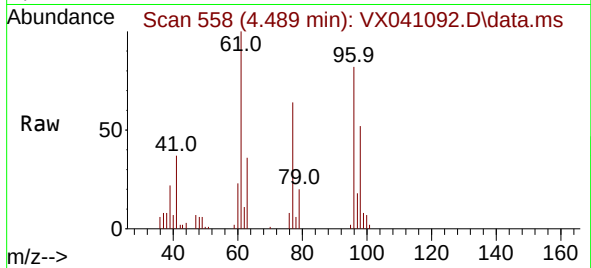
98 66.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#28

Bromochloromethane

Concen: 3.640 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

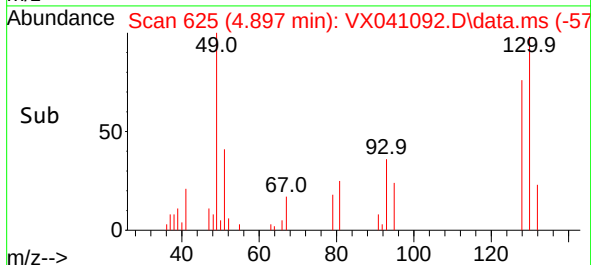
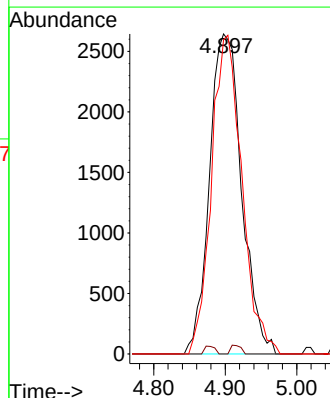
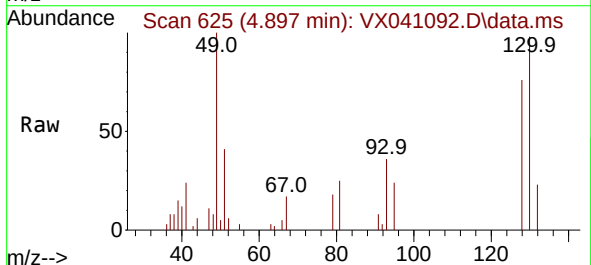
Tgt Ion: 49 Resp: 8268

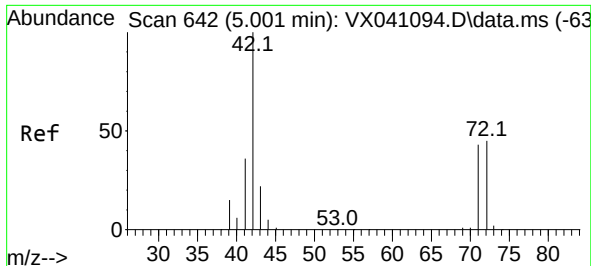
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

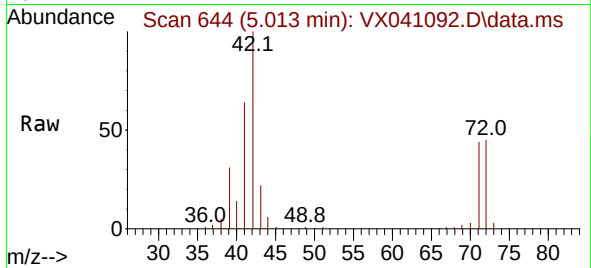
130 93.9 57.5 86.3#





#29
Tetrahydrofuran
Concen: 25.036 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

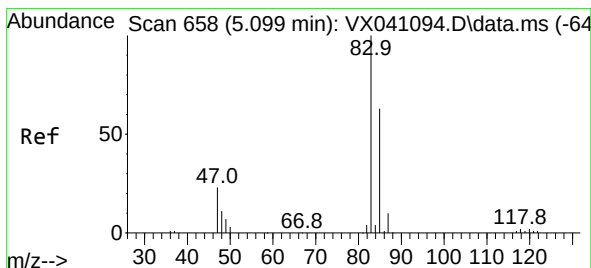
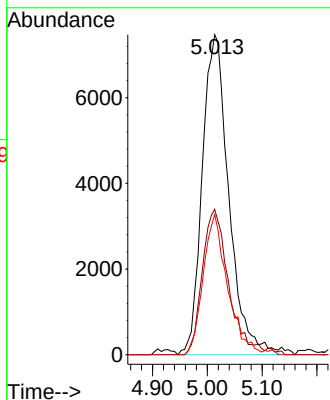
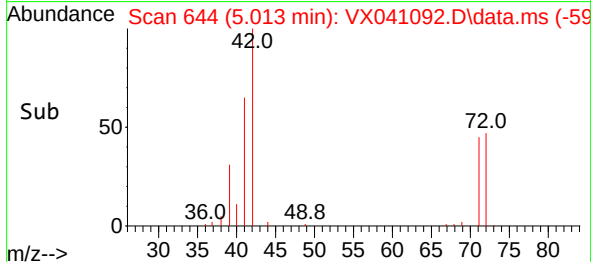
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 42 Resp: 2508
Ion Ratio Lower Upper
42 100
72 44.8 34.2 51.4
71 40.2 32.2 48.2

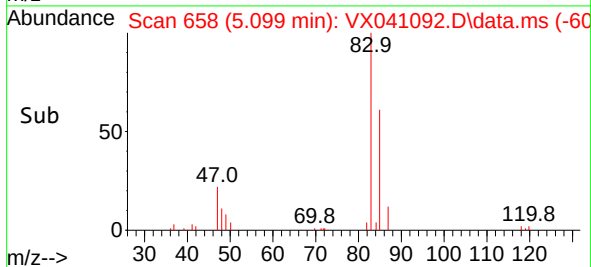
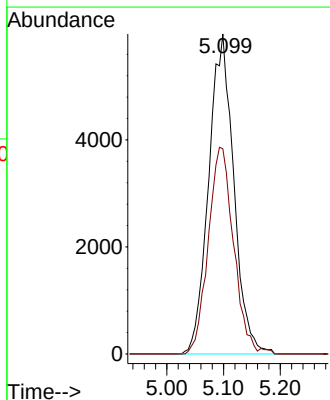
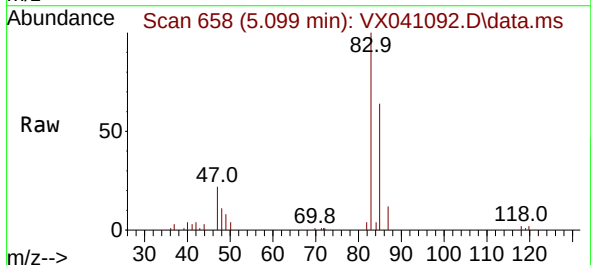
Manual Integrations
APPROVED

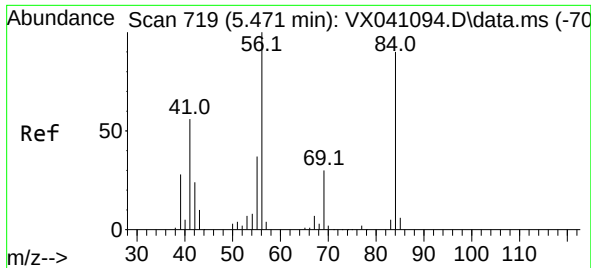
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#30
Chloroform
Concen: 4.970 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 83 Resp: 18343
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5





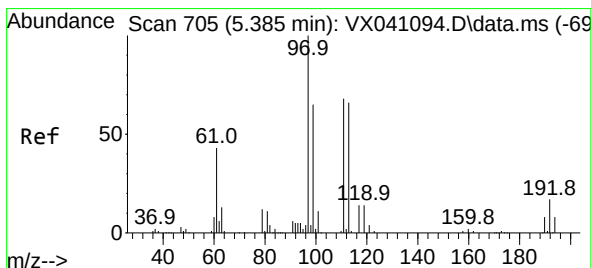
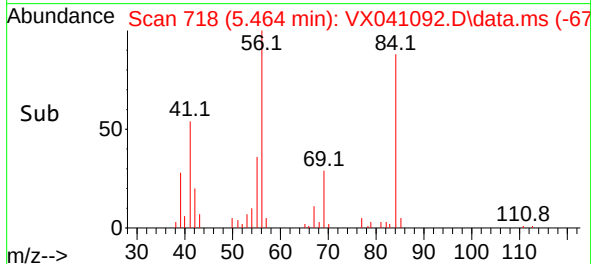
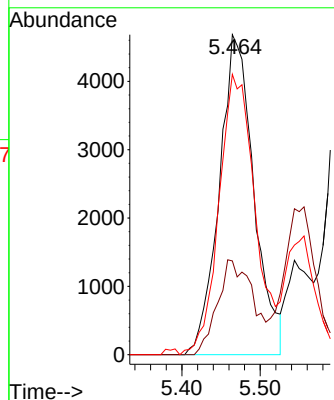
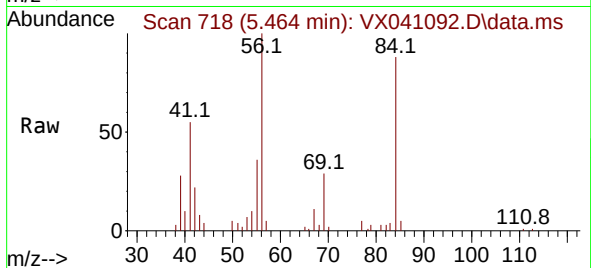
#31
Cyclohexane
Concen: 5.062 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1436
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 87.6 65.9 98.9

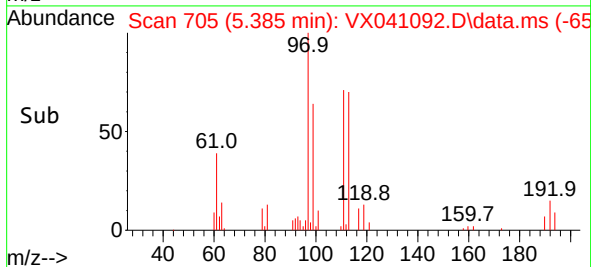
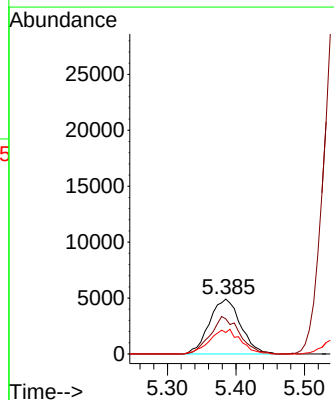
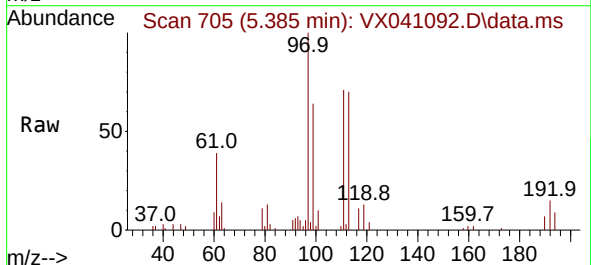
Manual Integrations
APPROVED

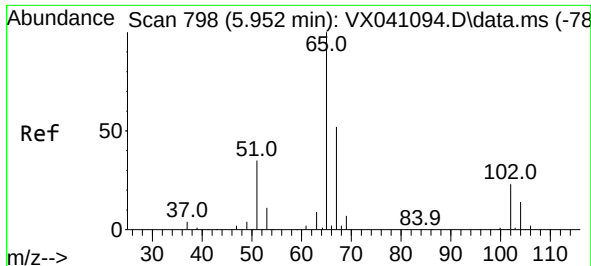
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#32
1,1,1-Trichloroethane
Concen: 4.787 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 97 Resp: 15506
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.577 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 12779

Ion Ratio Lower Upper

65 100

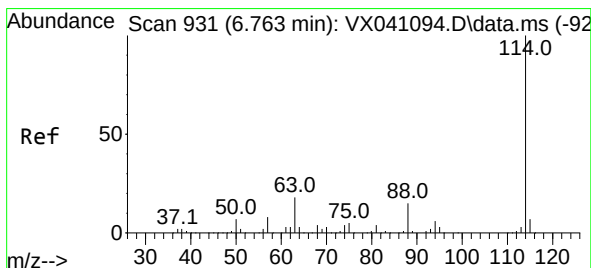
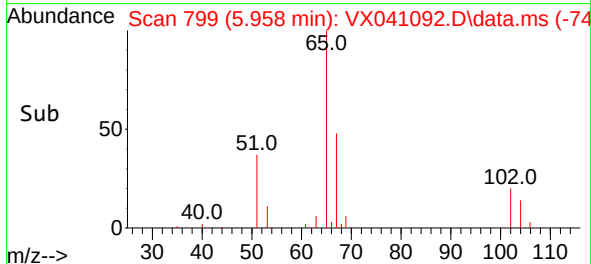
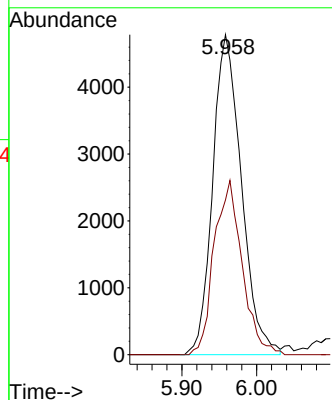
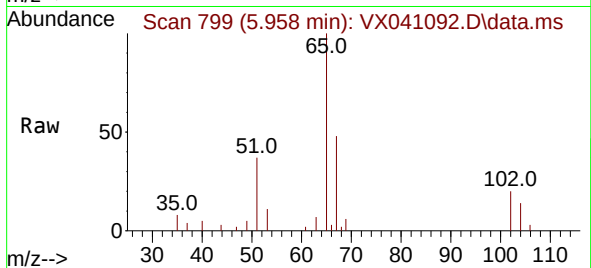
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

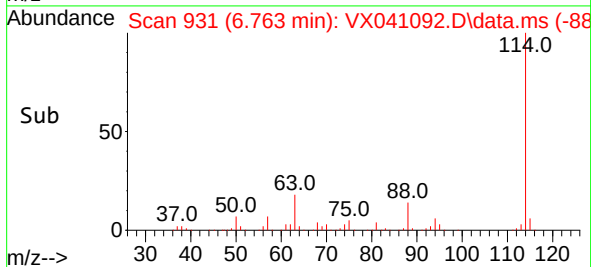
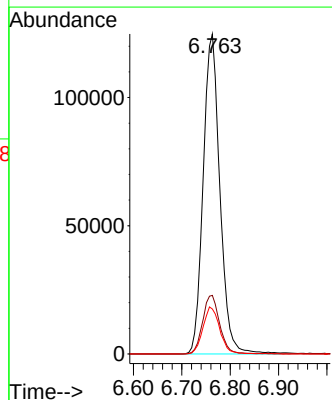
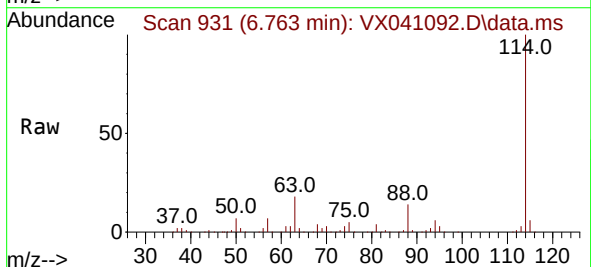
Tgt Ion:114 Resp: 299313

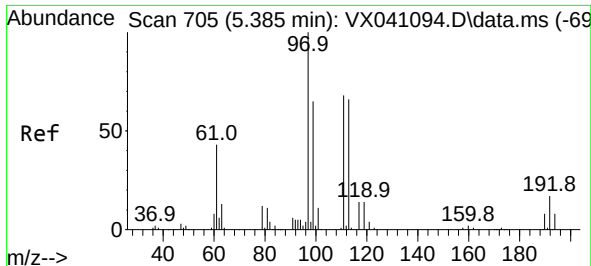
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 14.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.254 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 10500

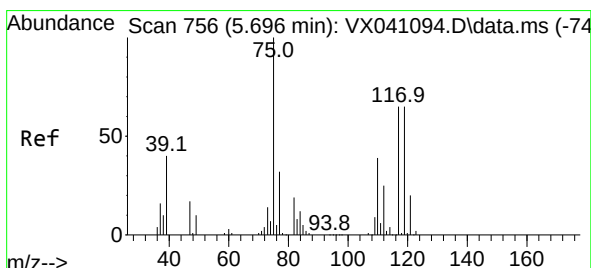
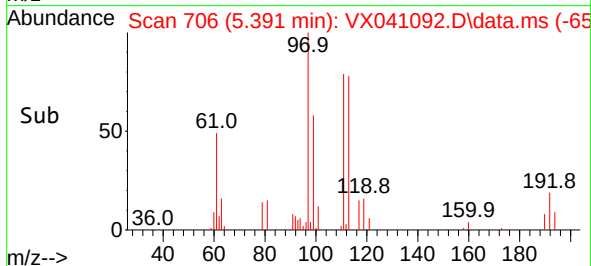
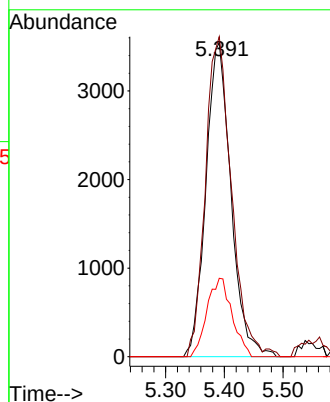
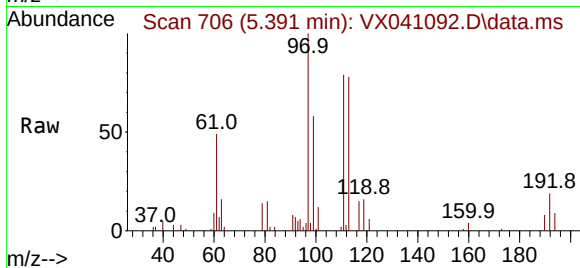
Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.9	124.3
192	24.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 5.702 min Scan# 757

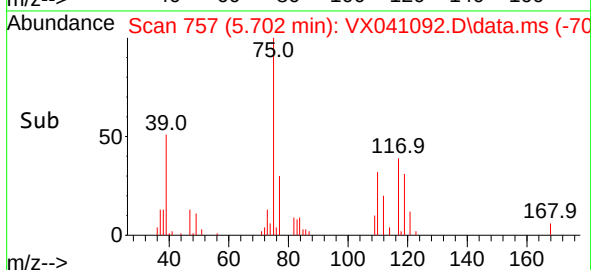
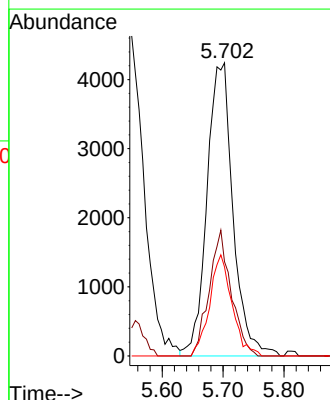
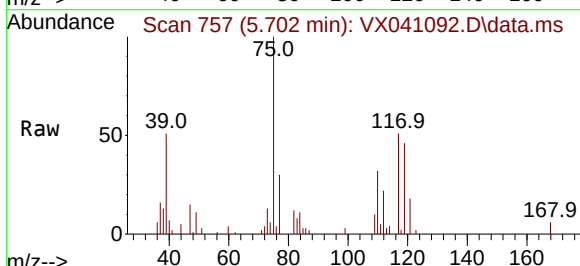
Delta R.T. 0.006 min

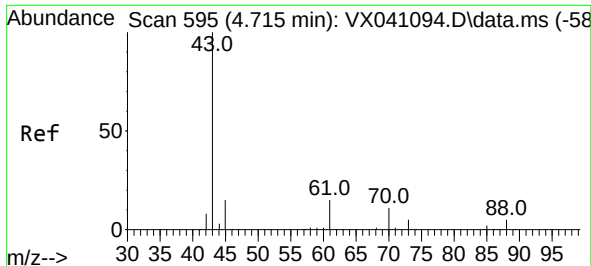
Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion: 75 Resp: 12629

Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.0	50.9
77	29.7	24.7	37.1





#37

Ethyl Acetate

Concen: 5.058 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

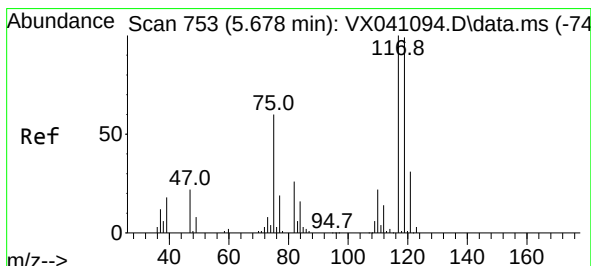
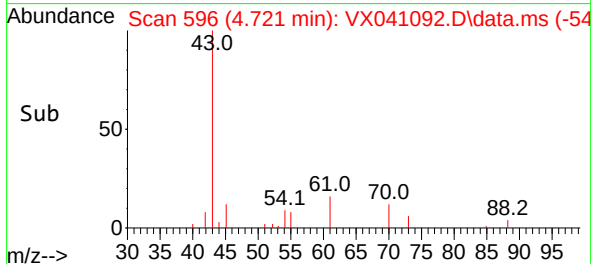
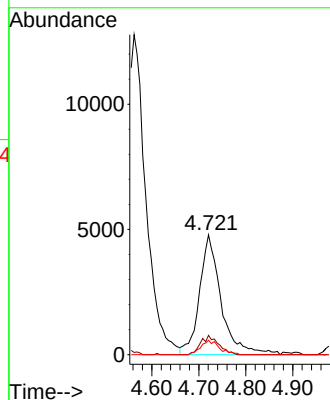
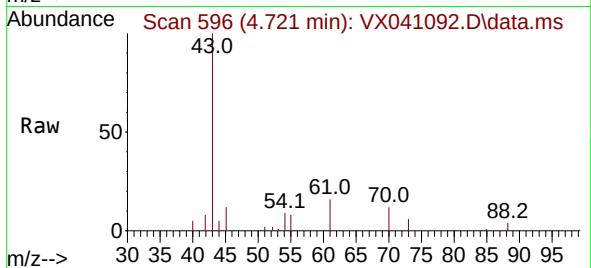
Tgt Ion: 43	Resp: 1529
Ion Ratio	Lower Upper
43 100	
61 13.4	10.6 16.0
70 10.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#38

Carbon Tetrachloride

Concen: 4.728 ug/l

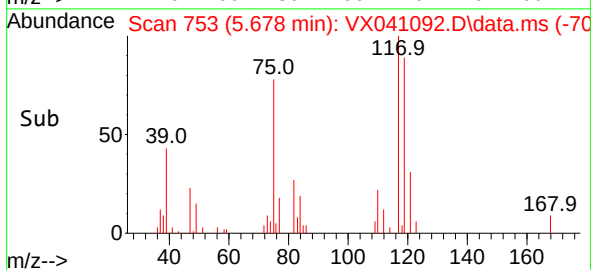
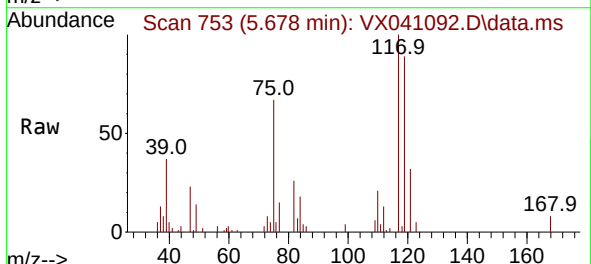
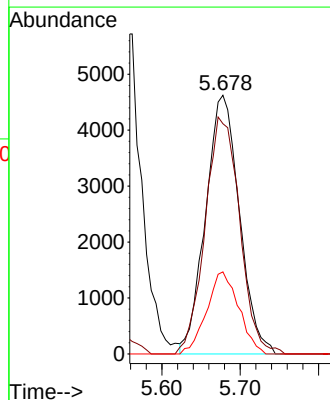
RT: 5.678 min Scan# 753

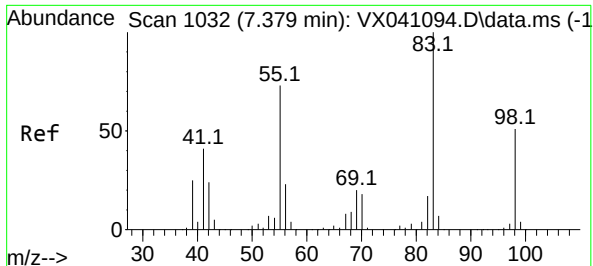
Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion: 117	Resp: 13877
Ion Ratio	Lower Upper
117 100	
119 87.4	78.2 117.2
121 31.7	24.4 36.6





#39

Methylcyclohexane

Concen: 4.814 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

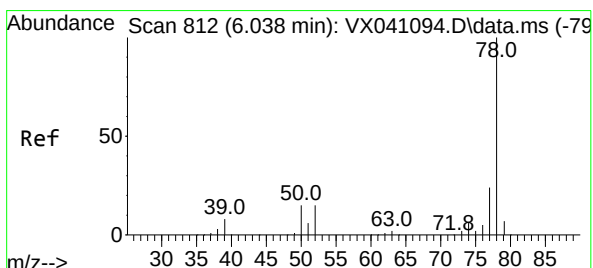
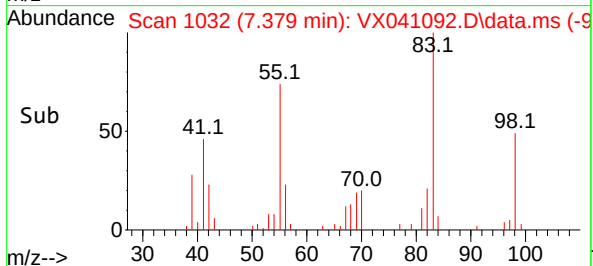
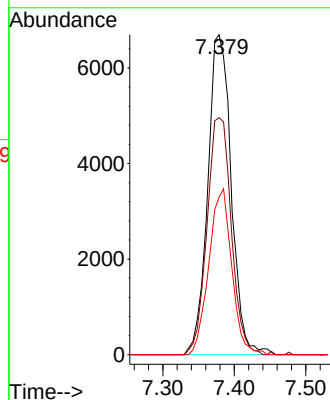
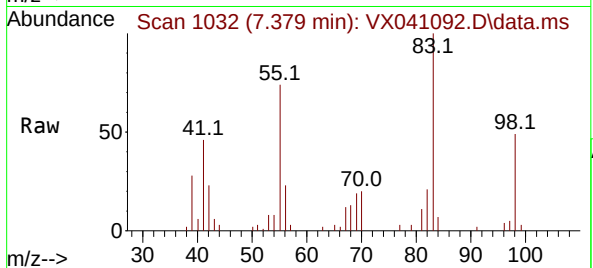
Tgt Ion: 83	Resp: 15290
Ion Ratio	Lower Upper
83	100
55	74.0 64.6 97.0
98	49.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#40

Benzene

Concen: 4.906 ug/l

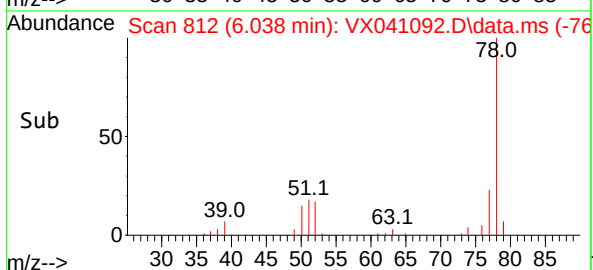
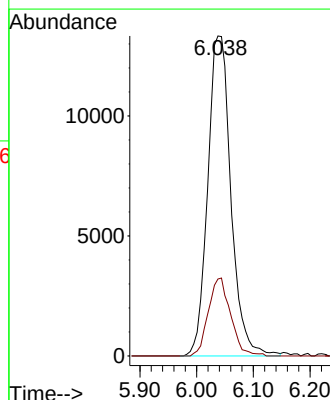
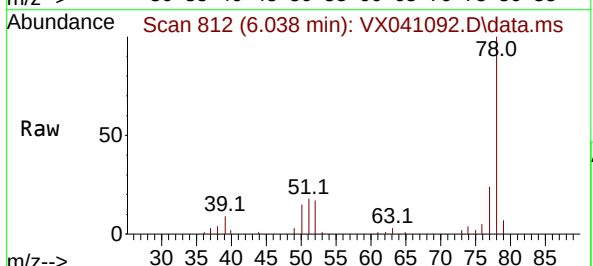
RT: 6.038 min Scan# 812

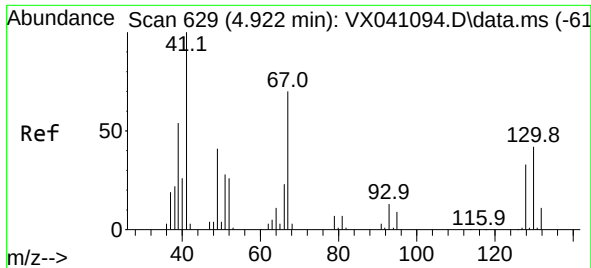
Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

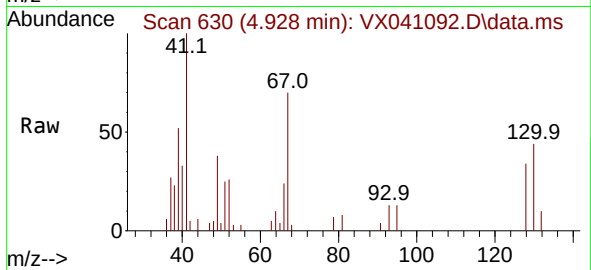
Tgt Ion: 78	Resp: 37910
Ion Ratio	Lower Upper
78	100
77	24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 4.766 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

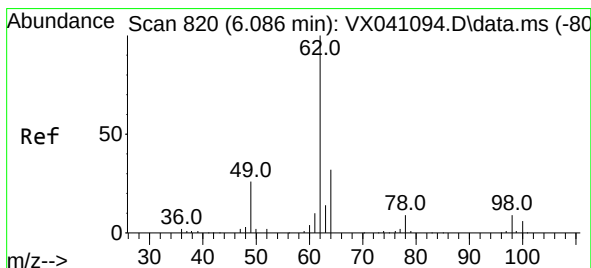
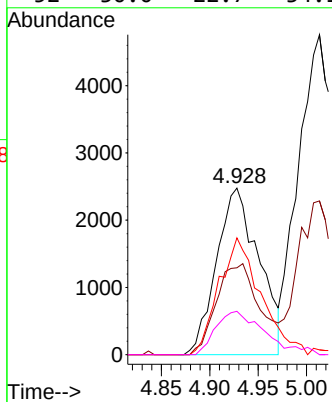
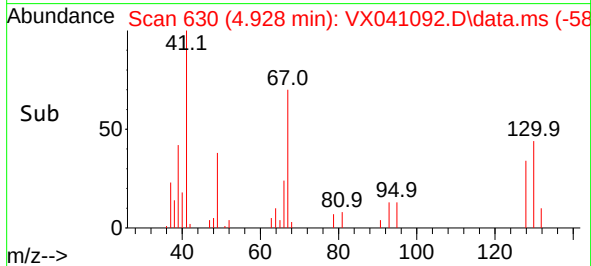
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41	Resp: 7550
Ion Ratio	Lower Upper
41 100	
39 55.8	45.2 67.8
67 69.2	52.6 78.8
52 30.0	22.7 34.1

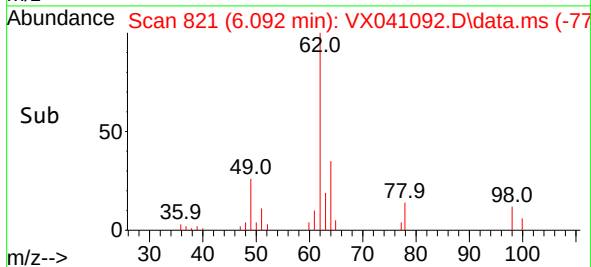
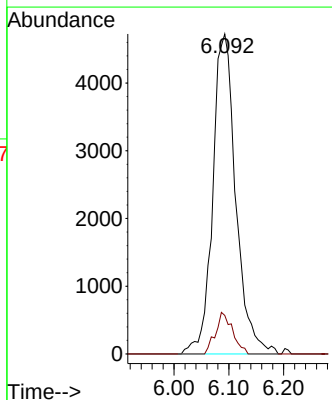
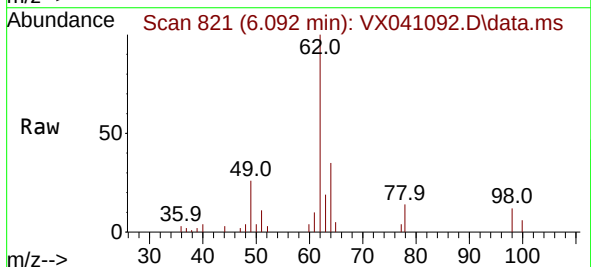
Manual Integrations
APPROVED

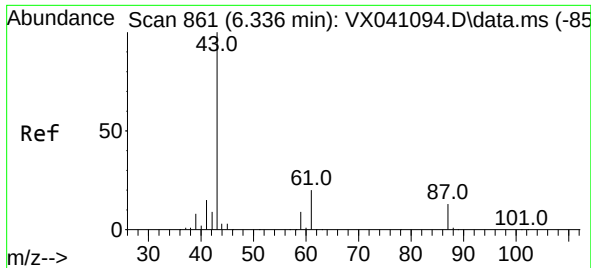
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 4.988 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

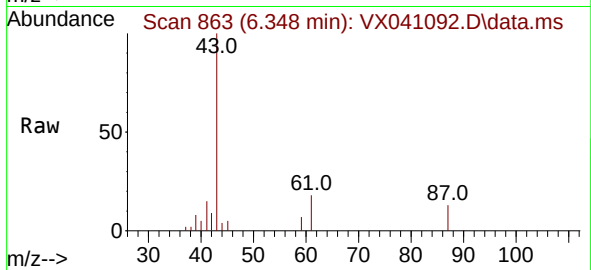
Tgt Ion: 62	Resp: 13811
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 16.0





#43
Isopropyl Acetate
Concen: 4.581 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

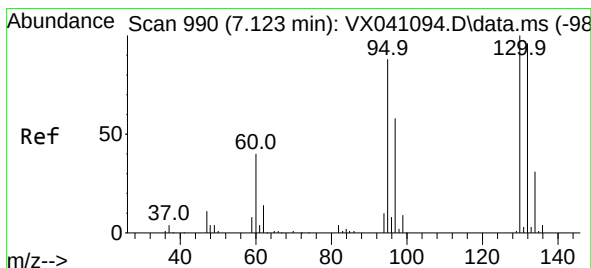
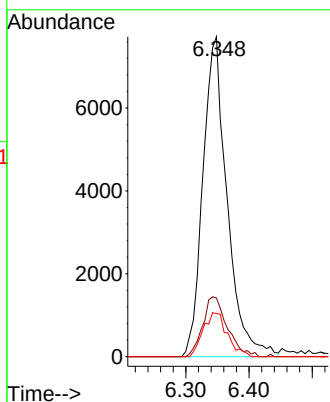
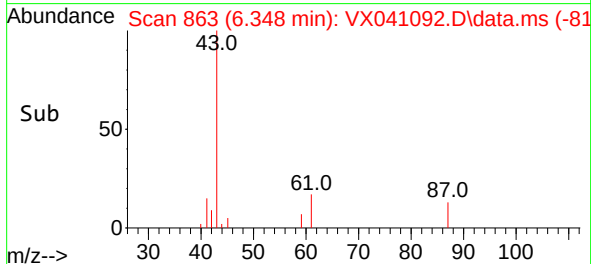
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 13.7 9.8 14.6

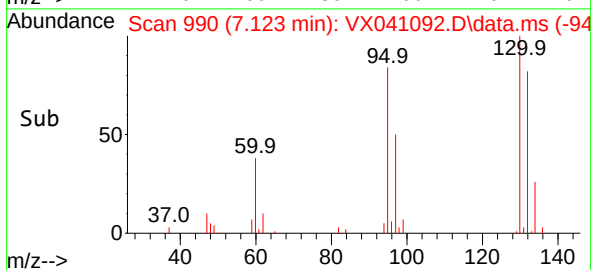
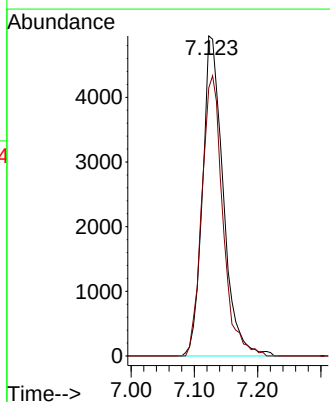
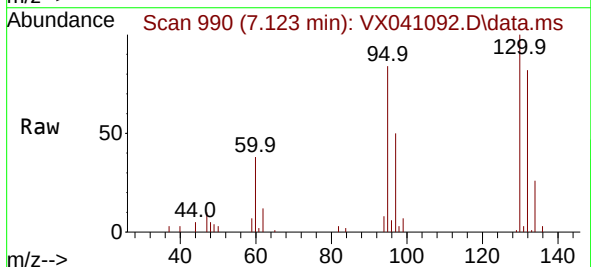
Manual Integrations
APPROVED

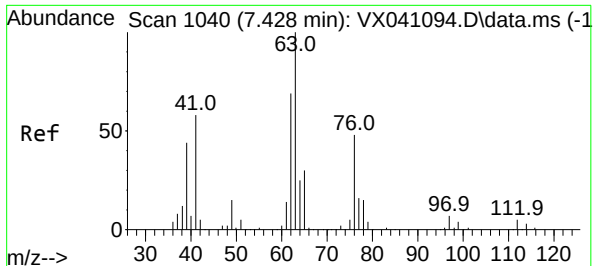
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#44
Trichloroethene
Concen: 4.907 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion:130 Resp: 11261
Ion Ratio Lower Upper
130 100
95 83.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.701 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 862

Ion Ratio Lower Upper

63 100

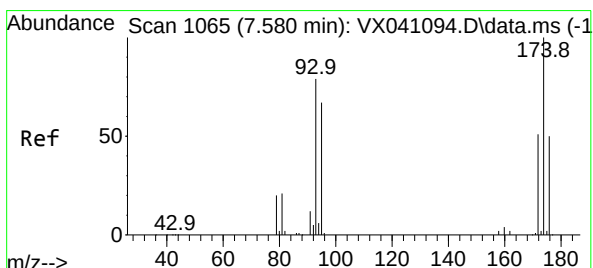
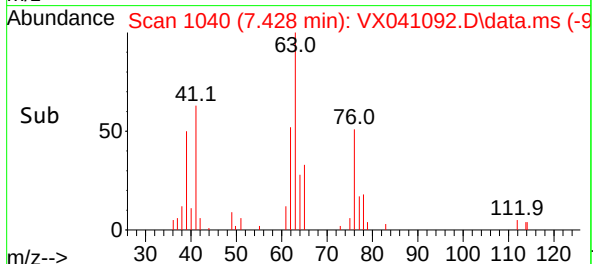
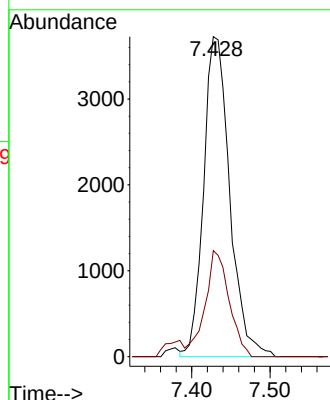
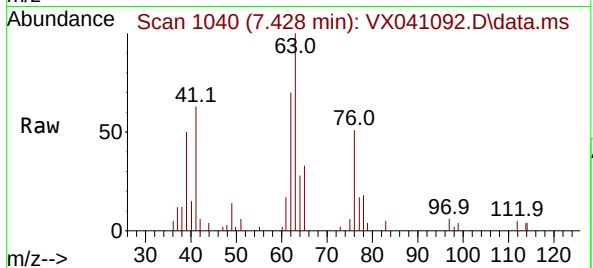
65 33.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#46

Dibromomethane

Concen: 4.903 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

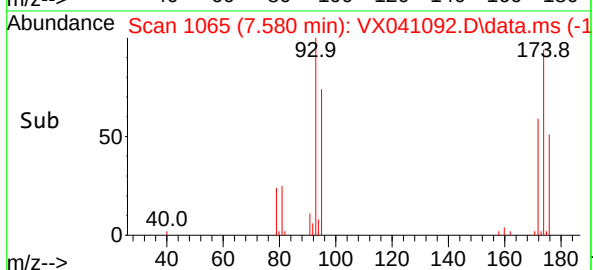
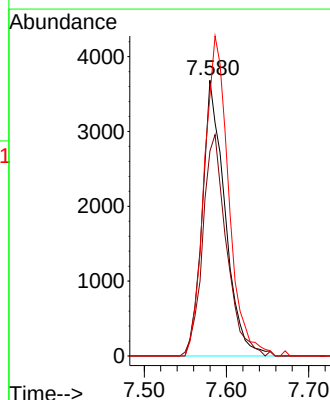
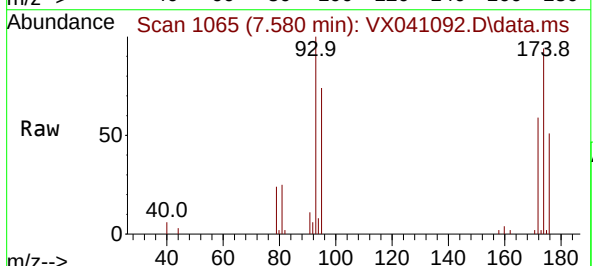
Tgt Ion: 93 Resp: 7073

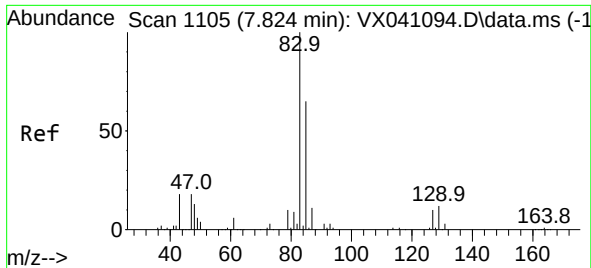
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 124.6 69.4 104.0#





#47
Bromodichloromethane
Concen: 4.640 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

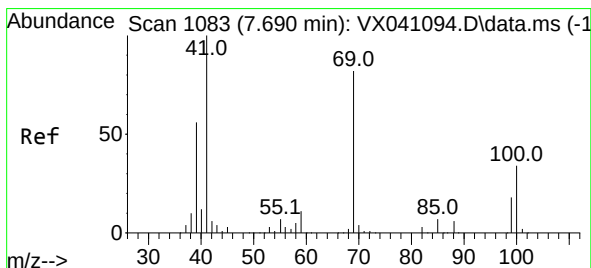
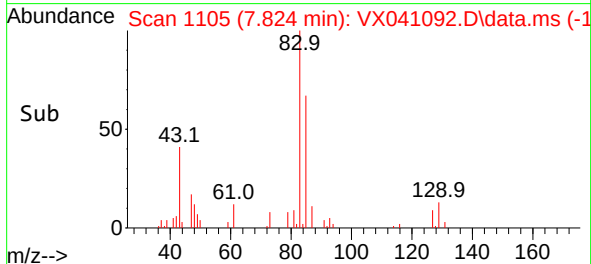
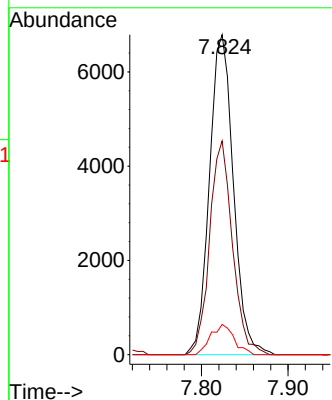
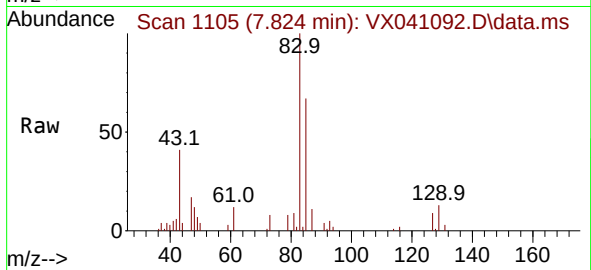
Tgt Ion: 83 Resp: 13029
Ion Ratio Lower Upper
83 100
85 66.8 49.8 74.6
127 9.4 7.1 10.7

Manual Integrations

APPROVED

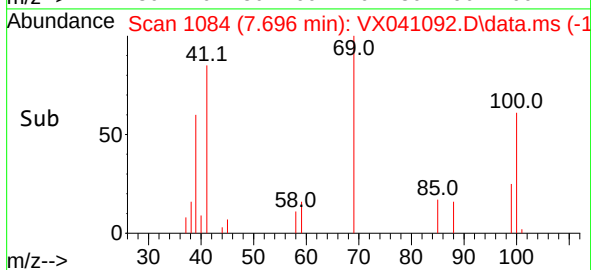
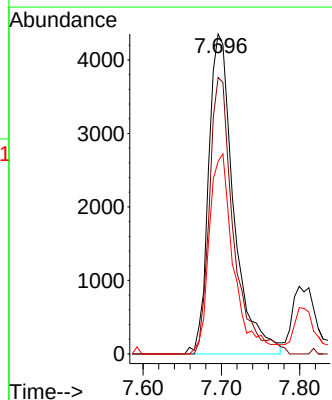
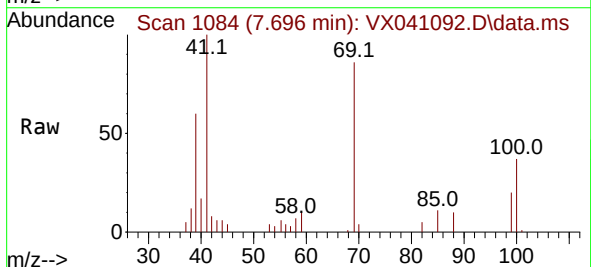
Reviewed By :John Carlone 04/17/2024

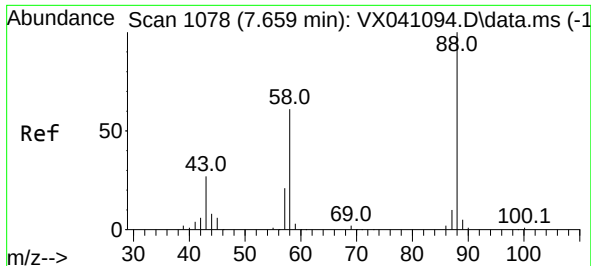
Supervised By :Mahesh Dadoda 04/17/2024



#48
Methyl methacrylate
Concen: 4.439 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 41 Resp: 9726
Ion Ratio Lower Upper
41 100
69 82.2 59.2 88.8
39 61.4 47.7 71.5





#49

1,4-Dioxane

Concen: 93.922 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

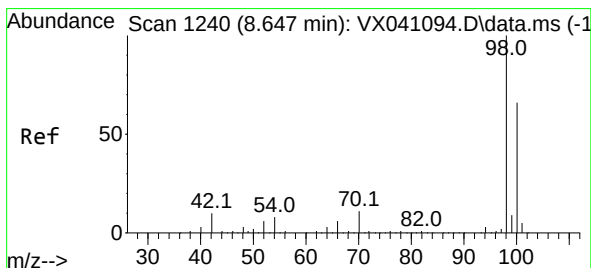
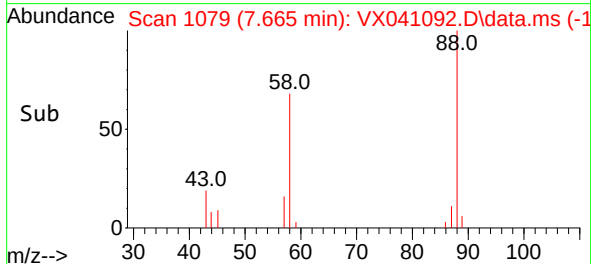
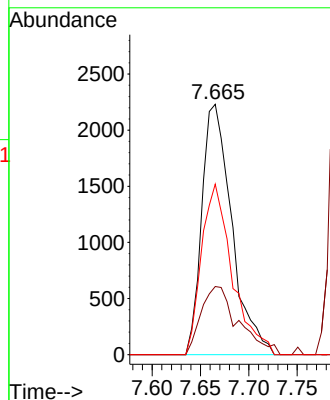
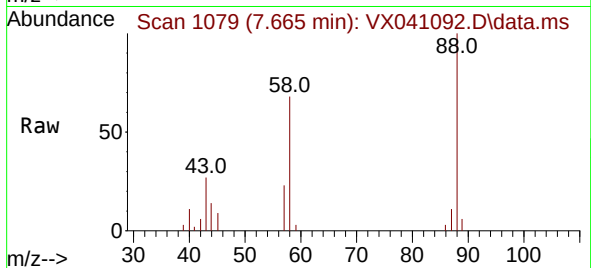
Tgt Ion: 88 Resp: 4809
 Ion Ratio Lower Upper
 88 100
 43 33.8 0.0 0.0
 58 70.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#50

Toluene-d8

Concen: 5.298 ug/l

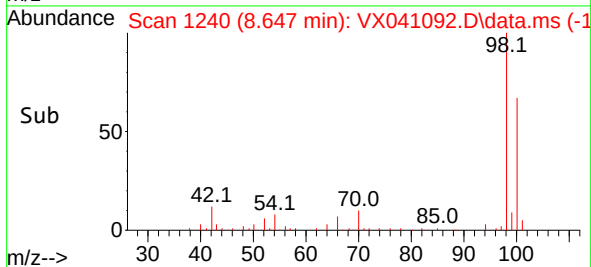
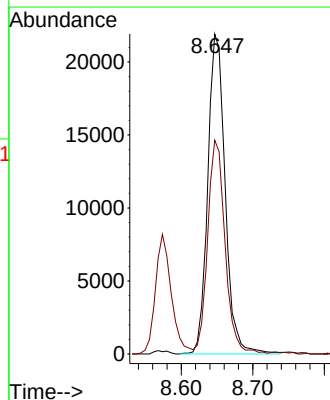
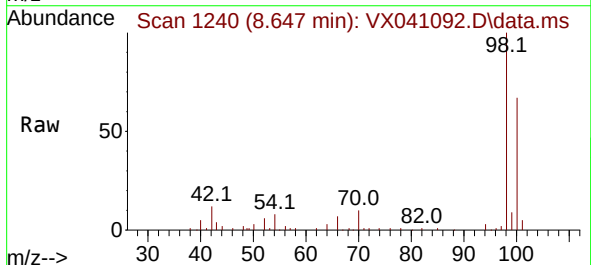
RT: 8.647 min Scan# 1240

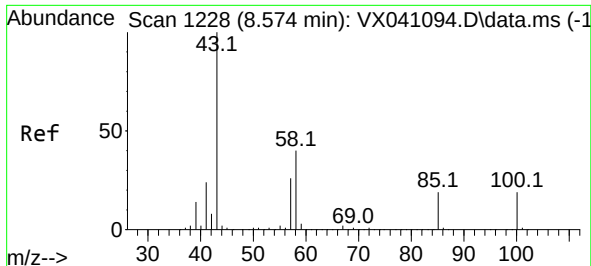
Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion: 98 Resp: 37108
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7





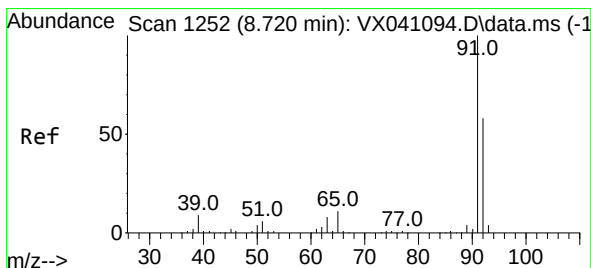
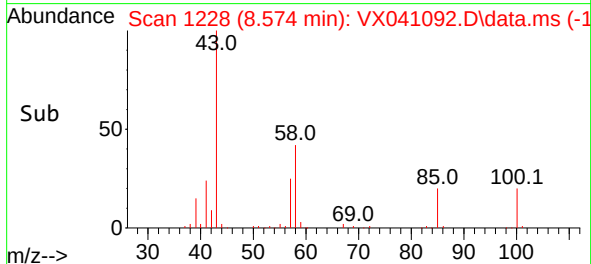
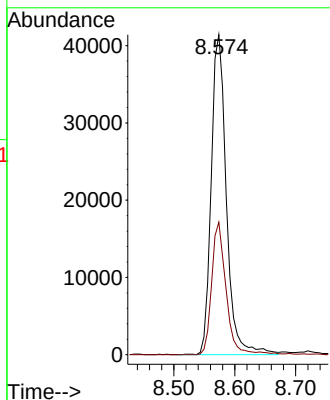
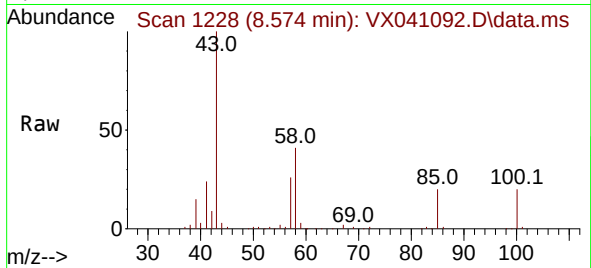
#51
4-Methyl-2-Pentanone
Concen: 23.474 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 7158
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

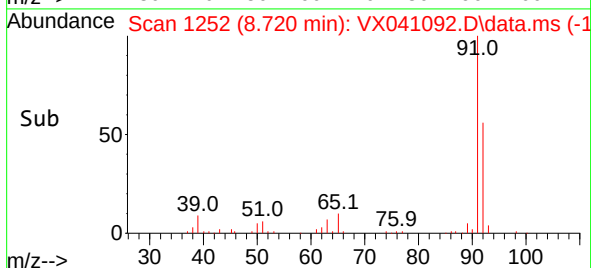
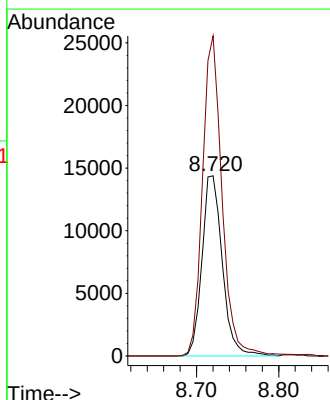
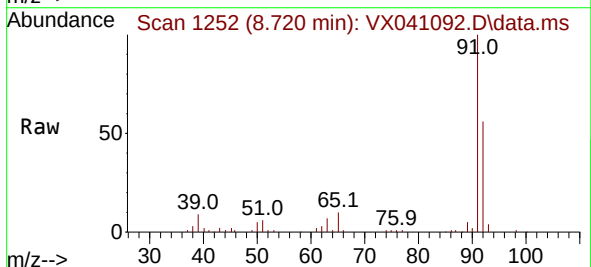
Manual Integrations
APPROVED

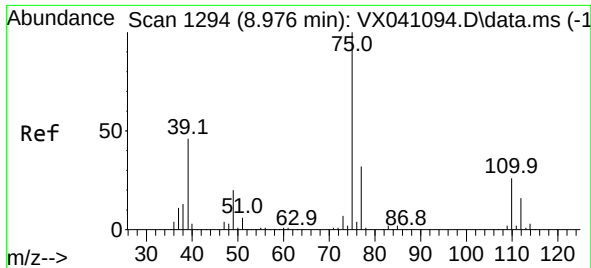
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#52
Toluene
Concen: 4.905 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 92 Resp: 24741
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.312 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1161

Ion Ratio Lower Upper

75 100

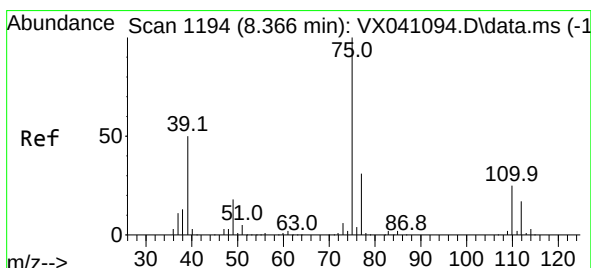
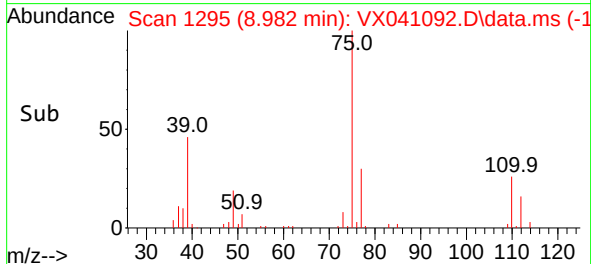
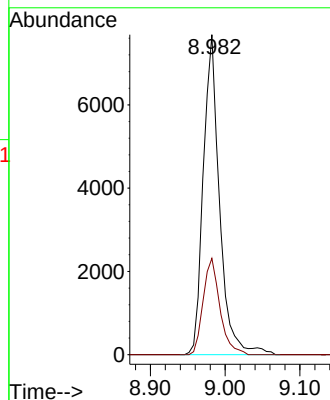
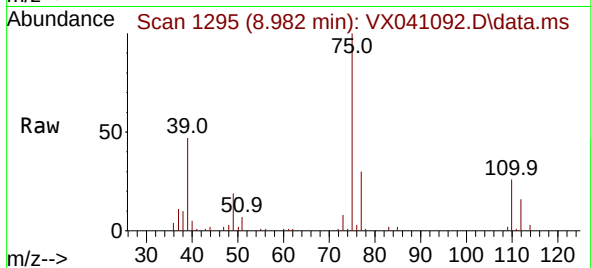
77 30.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#54

cis-1,3-Dichloropropene

Concen: 4.509 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

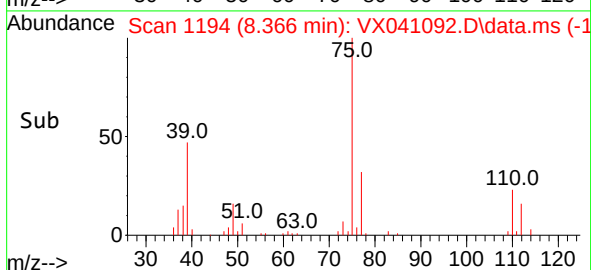
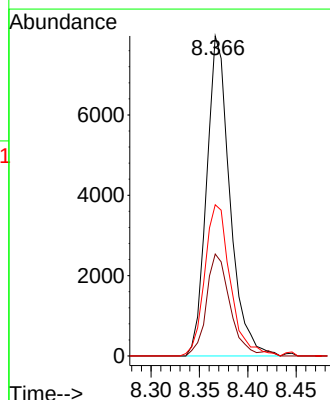
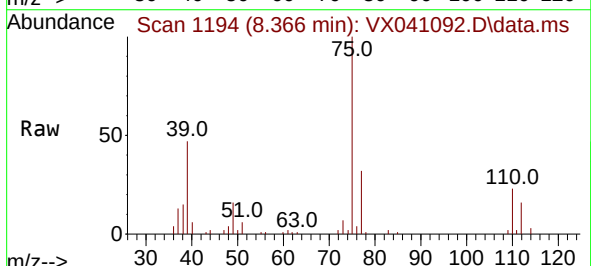
Tgt Ion: 75 Resp: 13342

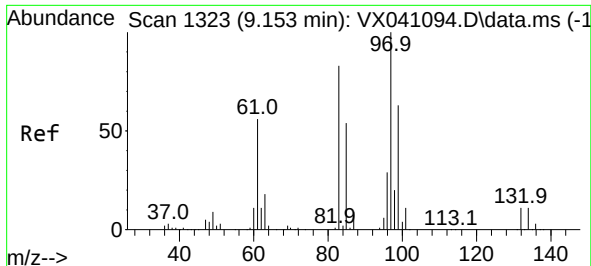
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 47.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.843 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

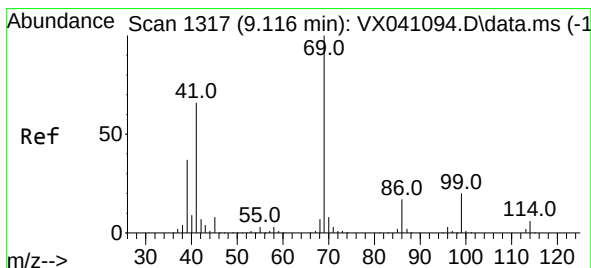
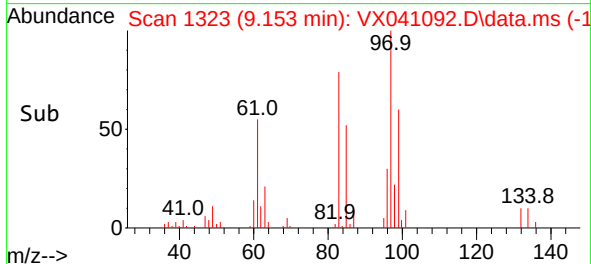
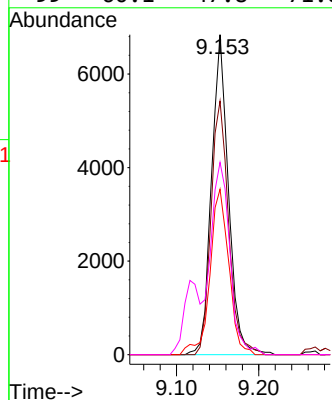
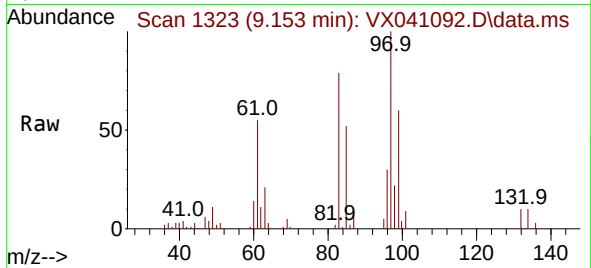
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.3	65.8	98.8
85	51.7	41.6	62.4
99	60.1	47.8	71.8

Manual Integrations

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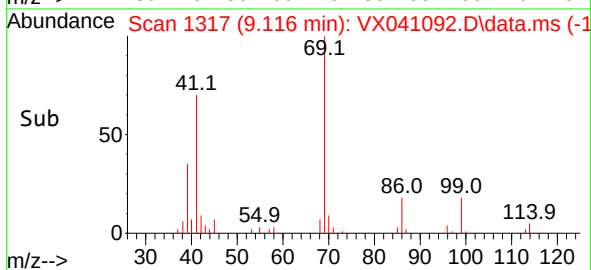
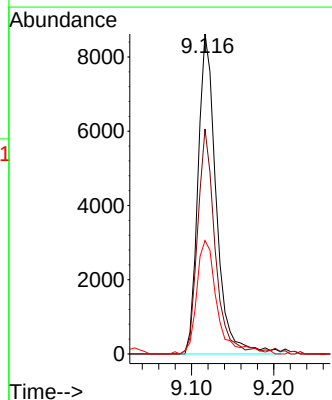
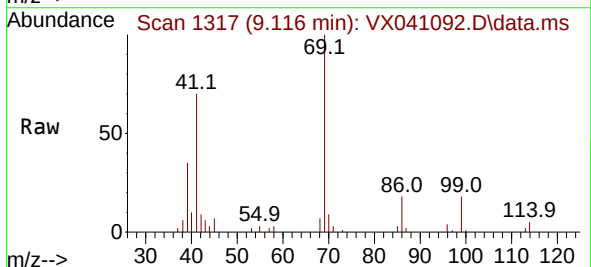
Reviewed By :John Carlone 04/17/2024

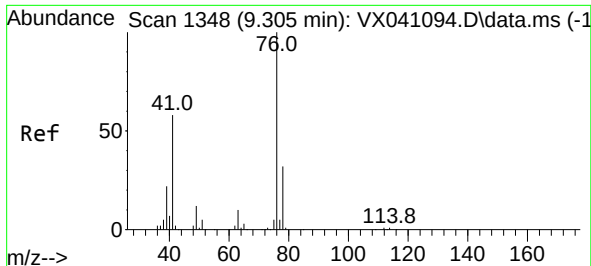
Supervised By :Mahesh Dadoda 04/17/2024



#56
Ethyl methacrylate
Concen: 4.141 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.8	85.2
39	39.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 4.917 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1622

Ion Ratio Lower Upper

76 100

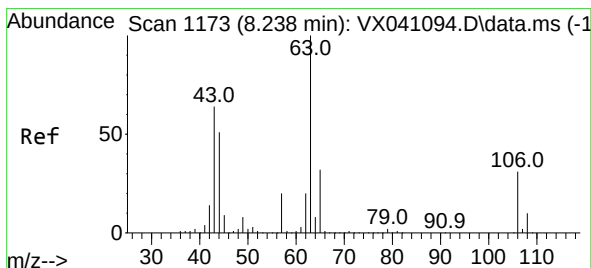
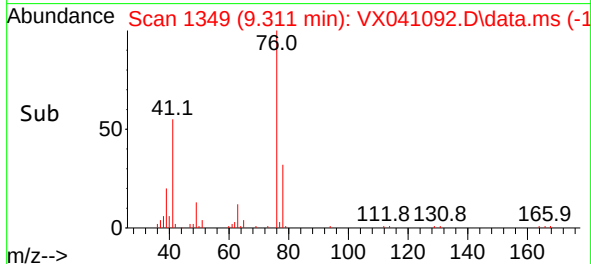
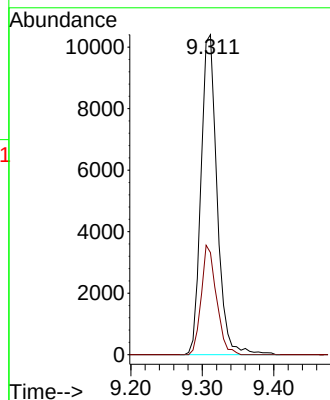
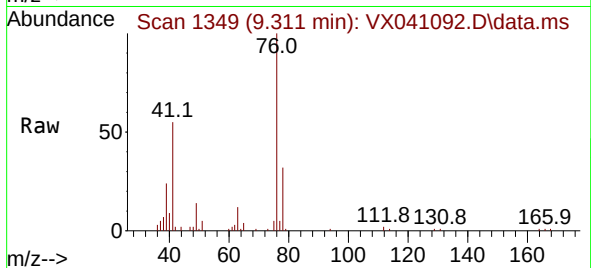
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 23.247 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041092.D

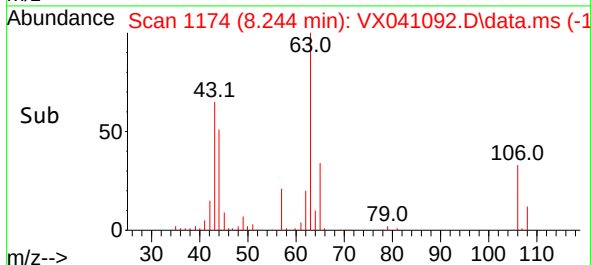
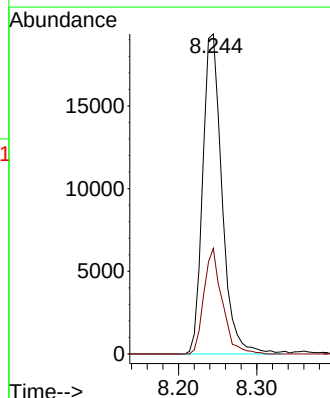
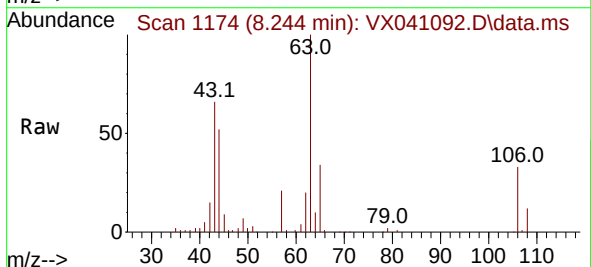
Acq: 16 Apr 2024 09:48

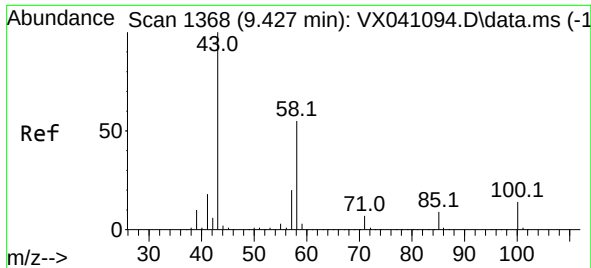
Tgt Ion: 63 Resp: 33112

Ion Ratio Lower Upper

63 100

106 31.3 22.5 33.7





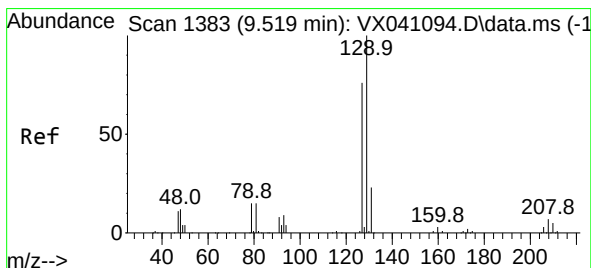
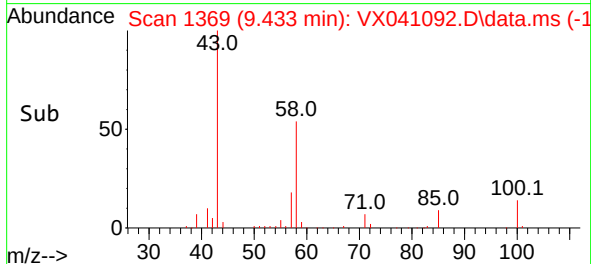
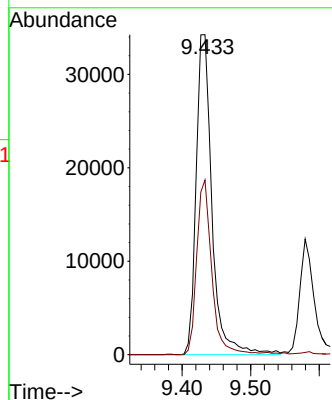
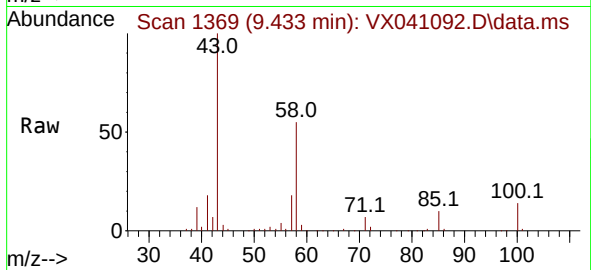
#59
2-Hexanone
Concen: 23.424 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 55259
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.5

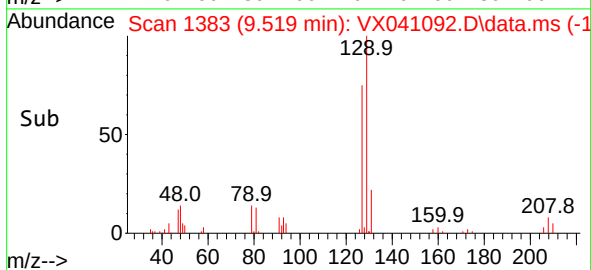
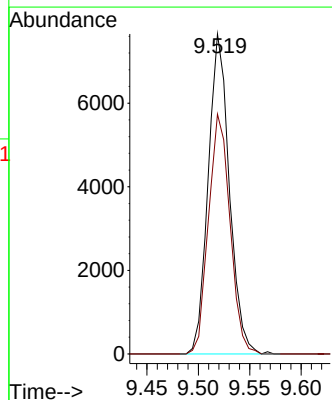
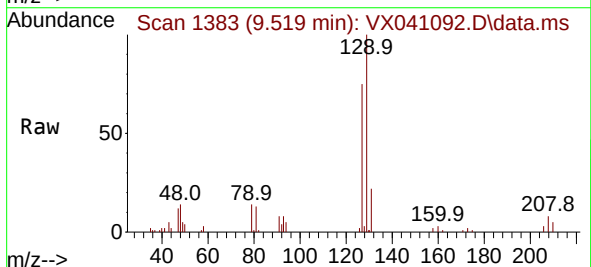
Manual Integrations
APPROVED

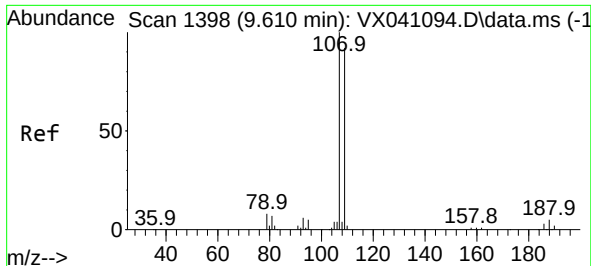
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#60
Dibromochloromethane
Concen: 4.478 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion:129 Resp: 10969
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.697 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

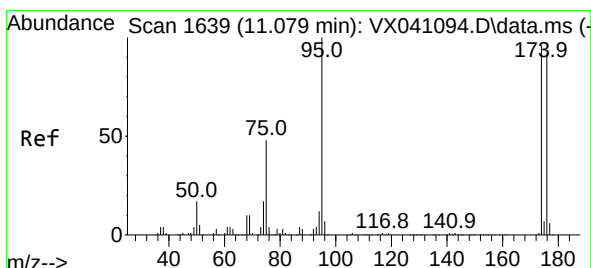
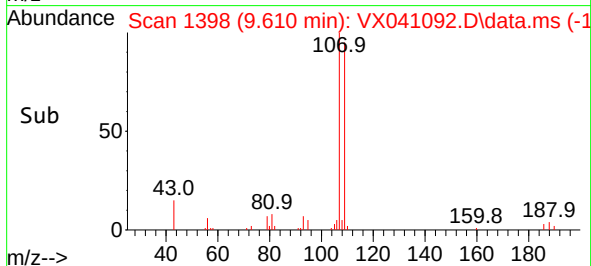
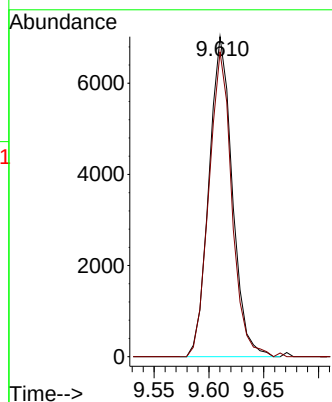
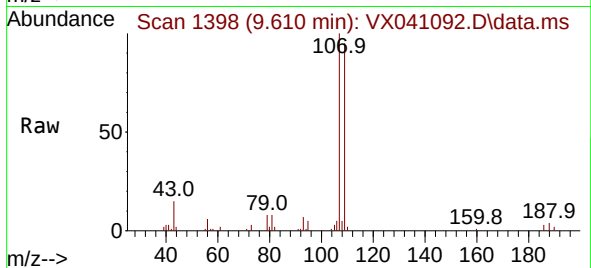
Tgt Ion:107 Resp: 1039
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations

APPROVED

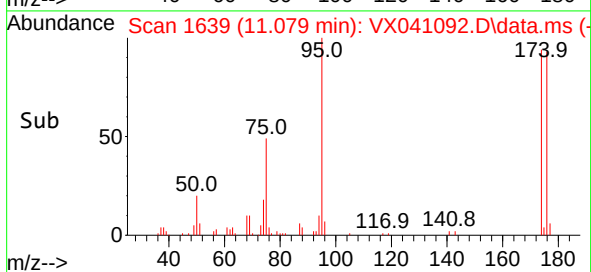
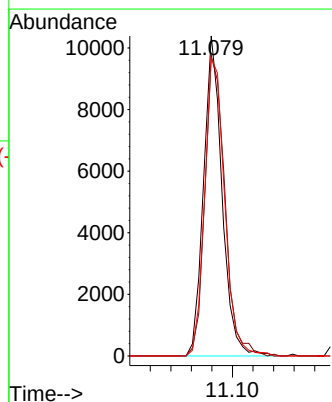
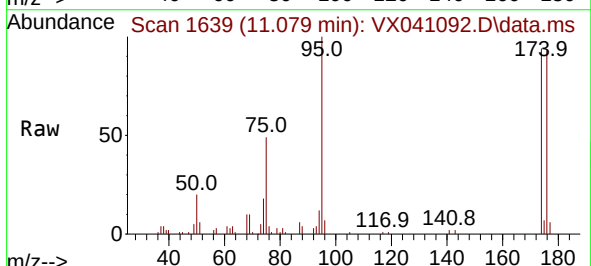
Reviewed By :John Carlone 04/17/2024

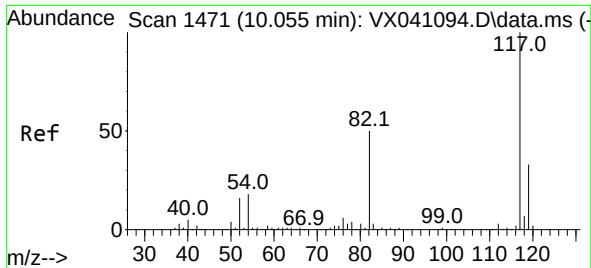
Supervised By :Mahesh Dadoda 04/17/2024



#62
4-Bromofluorobenzene
Concen: 4.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

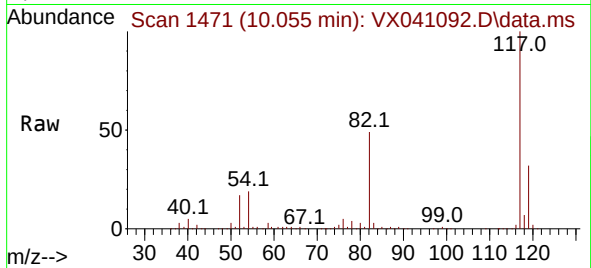
Tgt Ion: 95 Resp: 12964
Ion Ratio Lower Upper
95 100
174 101.0 0.0 135.6
176 100.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

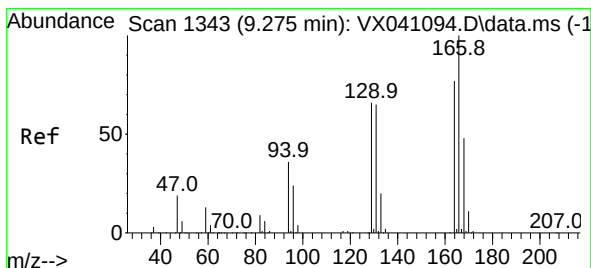
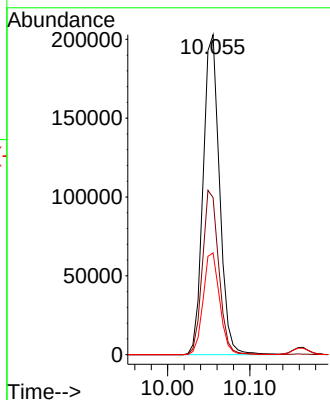
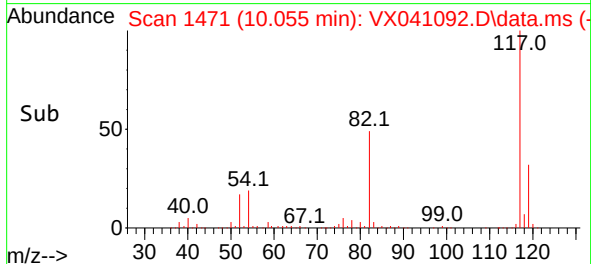
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



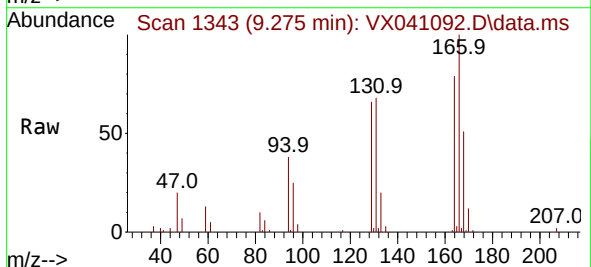
Tgt Ion:117 Resp: 281780
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 31.8 25.5 38.3

Manual Integrations
APPROVED

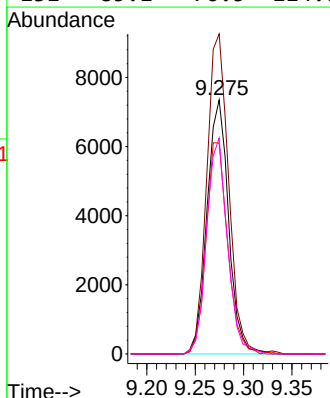
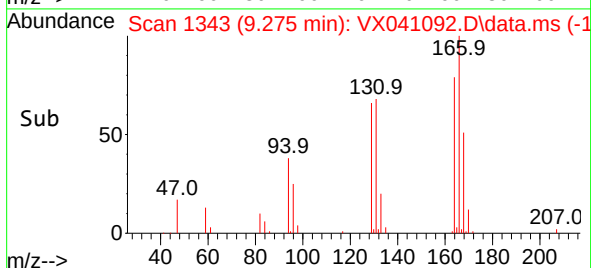
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

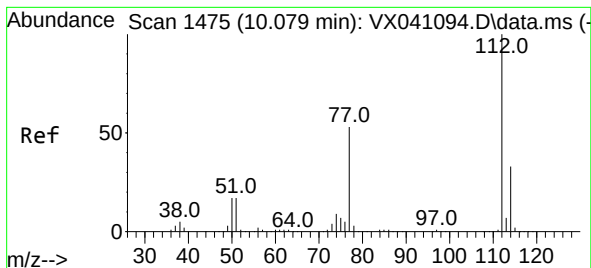


#64
Tetrachloroethene
Concen: 5.074 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48



Tgt Ion:164 Resp: 11363
Ion Ratio Lower Upper
164 100
166 126.0 102.7 154.1
129 83.0 80.4 120.6
131 85.1 76.5 114.7





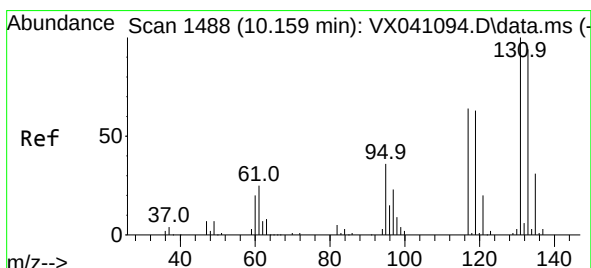
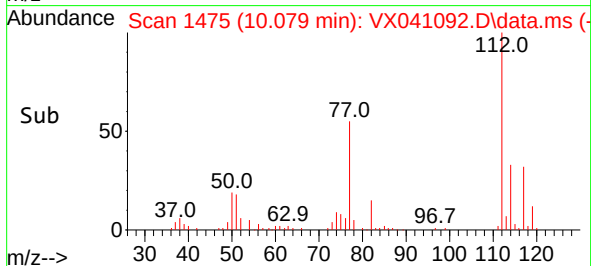
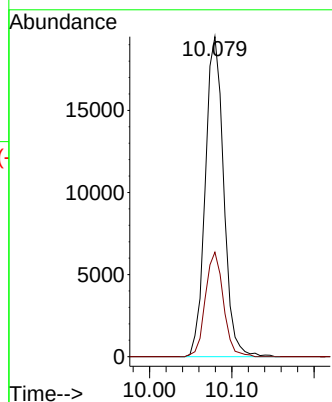
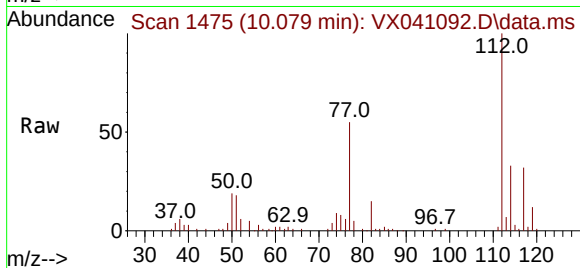
#65
Chlorobenzene
Concen: 4.866 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3026
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

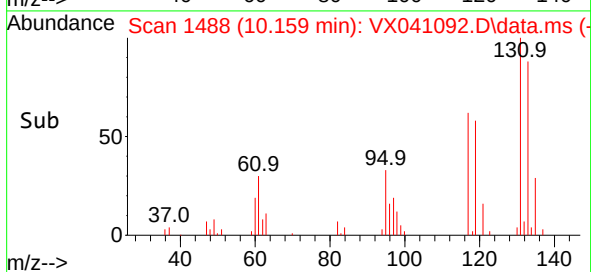
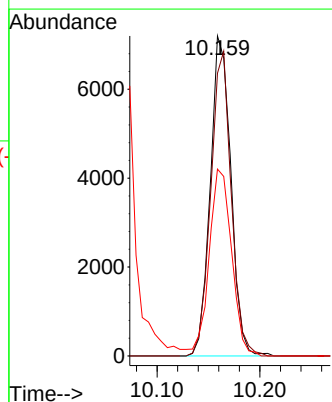
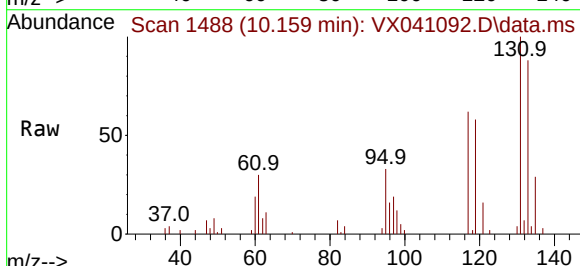
Manual Integrations
APPROVED

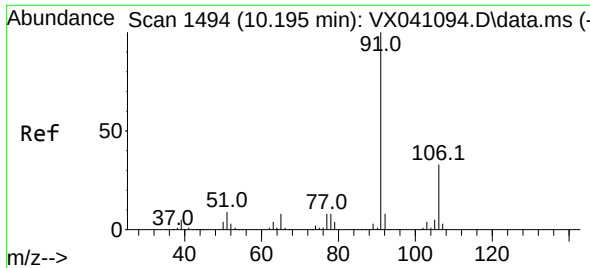
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.700 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion:131 Resp: 10002
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 63.7 32.2 96.6





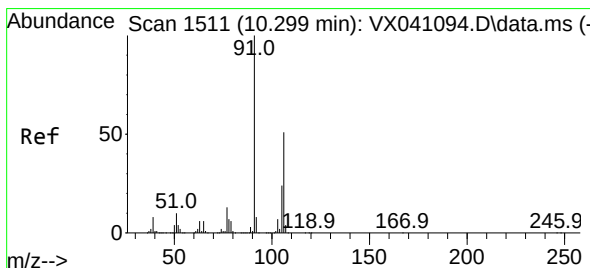
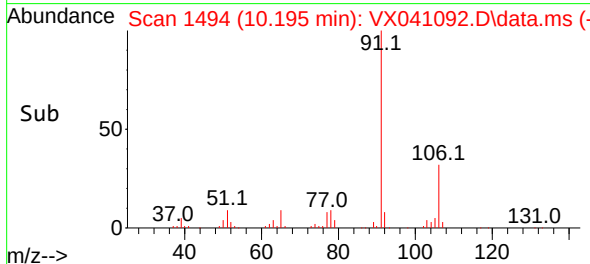
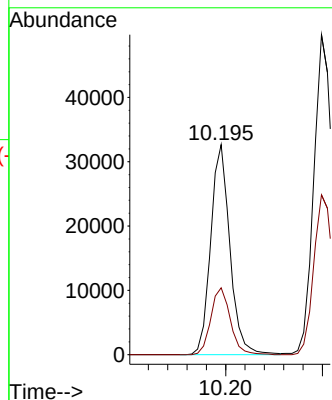
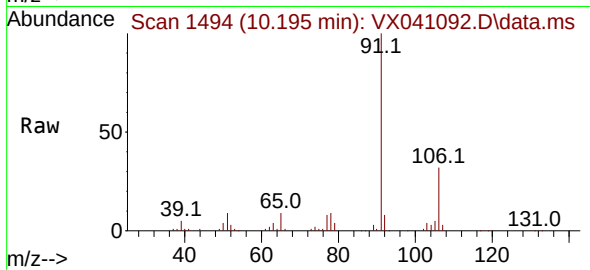
#67
Ethyl Benzene
Concen: 4.642 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 45059
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

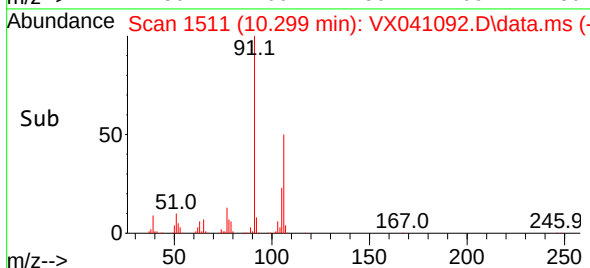
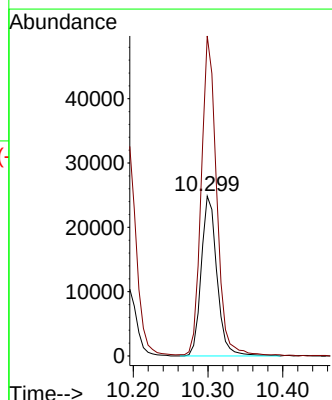
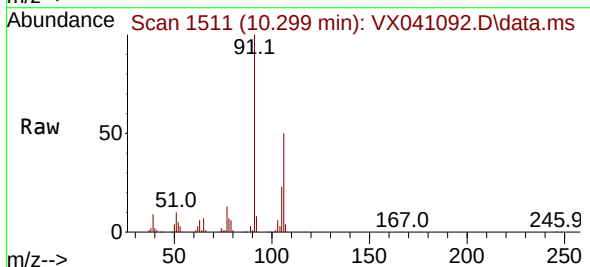
Manual Integrations
APPROVED

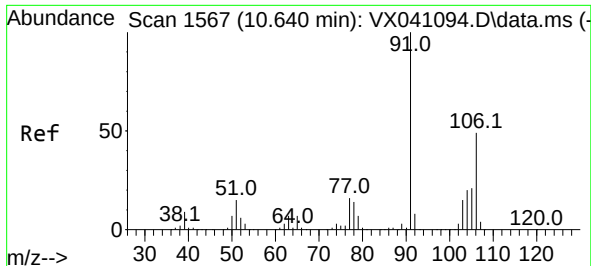
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#68
m/p-Xylenes
Concen: 9.394 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion:106 Resp: 36269
Ion Ratio Lower Upper
106 100
91 197.0 165.5 248.3





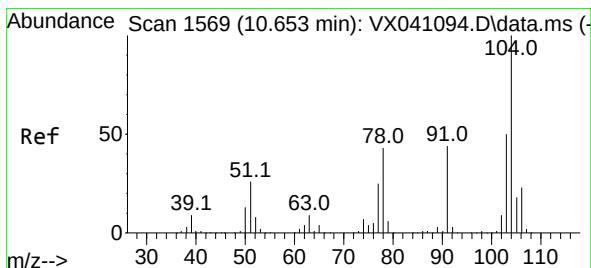
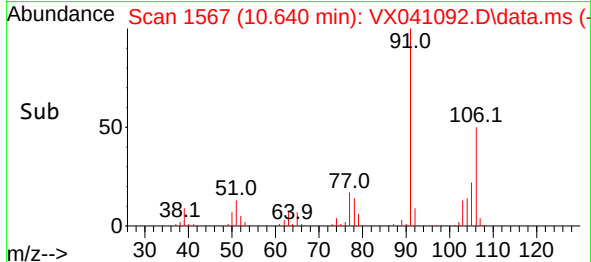
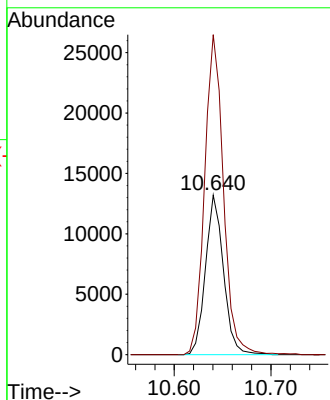
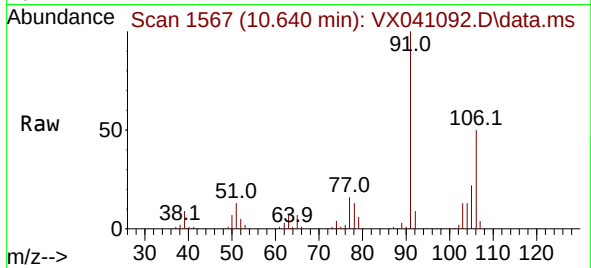
#69
o-Xylene
Concen: 4.560 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 17130
Ion Ratio Lower Upper
106 100
91 209.2 108.9 326.8

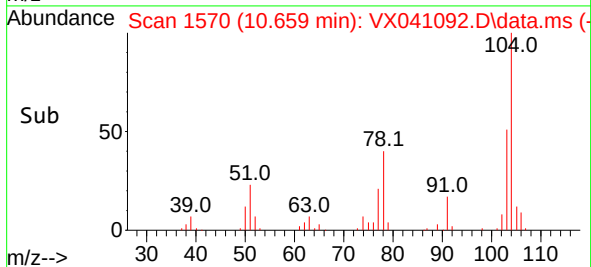
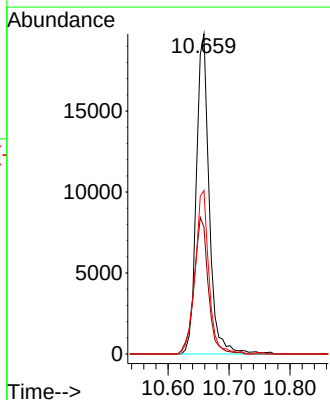
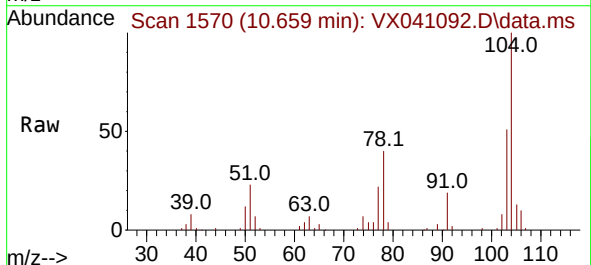
Manual Integrations
APPROVED

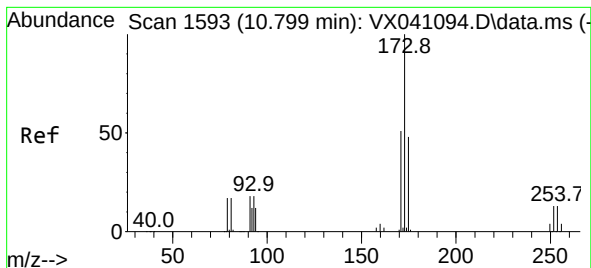
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 4.548 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion:104 Resp: 29021
Ion Ratio Lower Upper
104 100
78 47.1 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 4.266 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

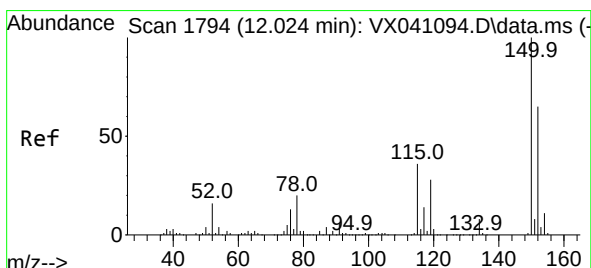
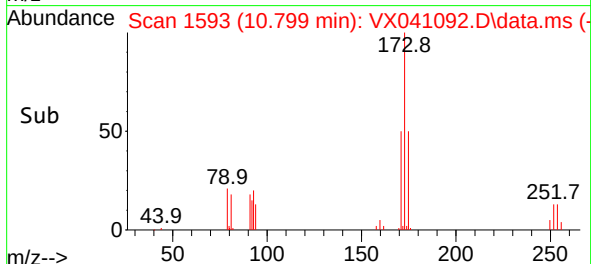
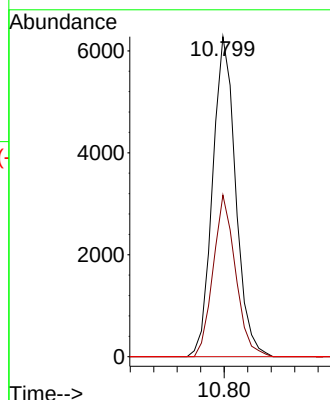
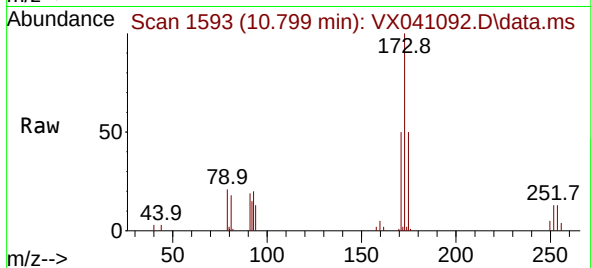
Tgt Ion:	173	Resp:	8549
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

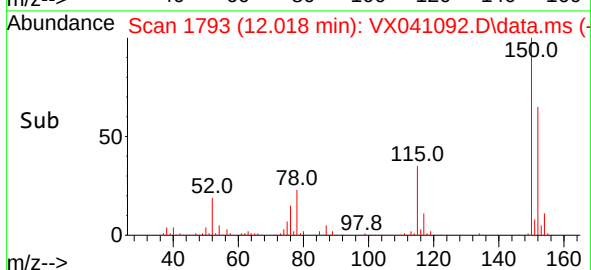
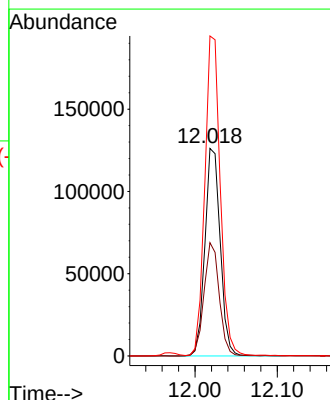
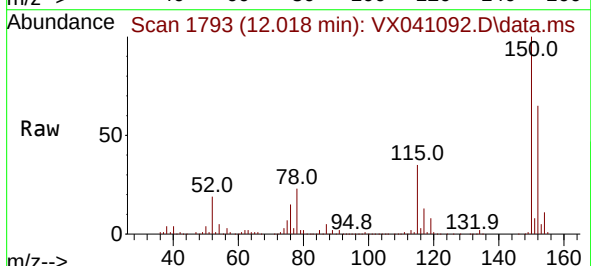
RT: 12.018 min Scan# 1793

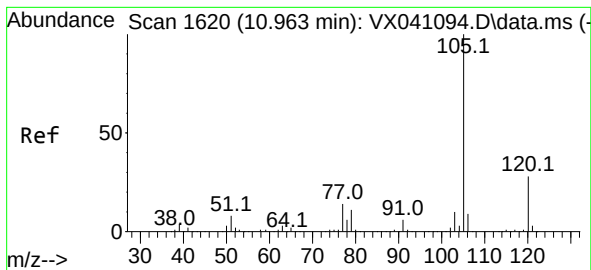
Delta R.T. -0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion:	152	Resp:	163150
Ion Ratio	Lower	Upper	
152	100		
115	54.7	43.3	129.9
150	155.3	0.0	345.0





#73

Isopropylbenzene

Concen: 4.774 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 45940

Ion Ratio Lower Upper

105 100

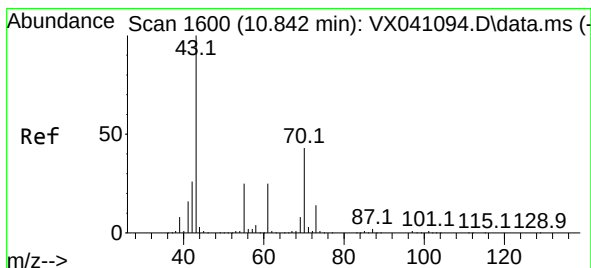
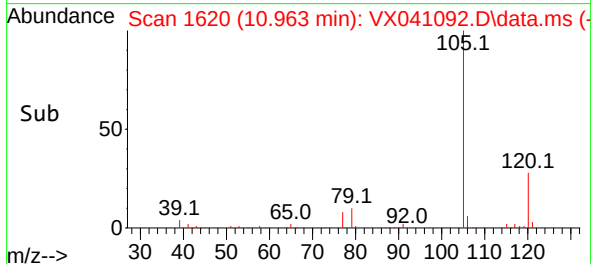
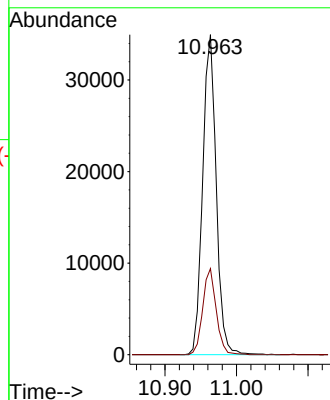
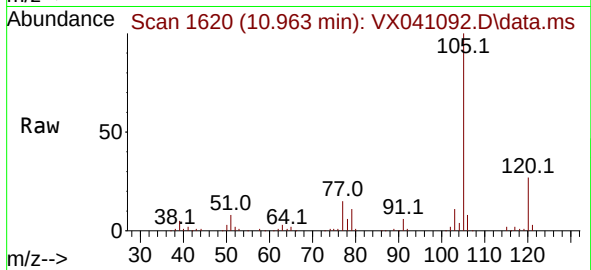
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#74

N-ethyl acetate

Concen: 4.337 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion: 43 Resp: 16556

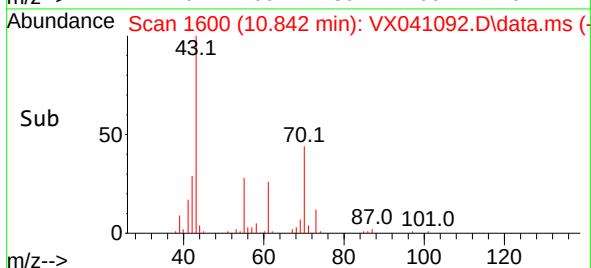
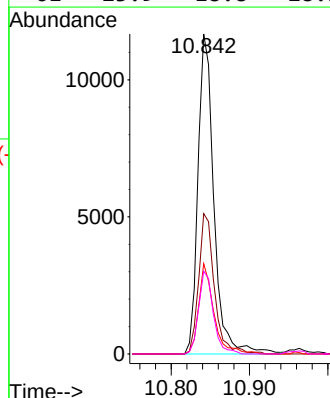
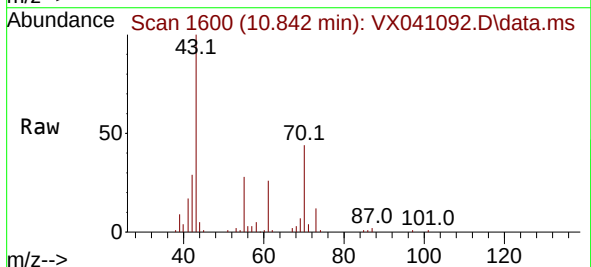
Ion Ratio Lower Upper

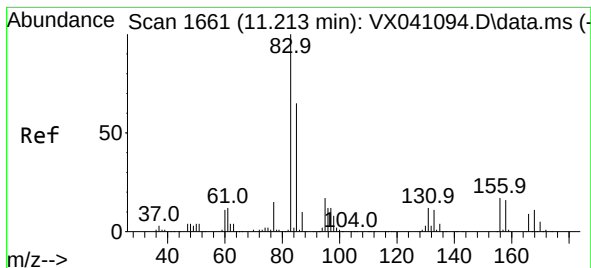
43 100

70 43.3 32.9 49.3

55 26.8 19.3 28.9

61 23.9 18.8 28.2





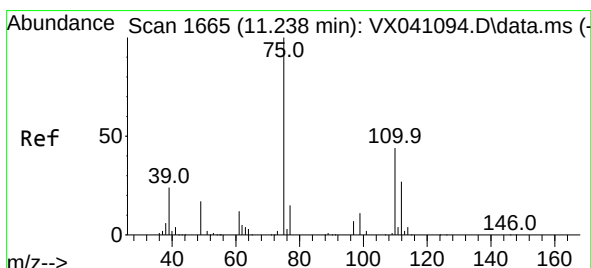
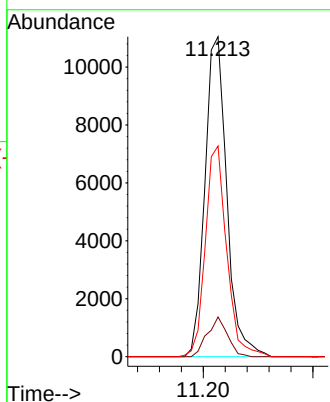
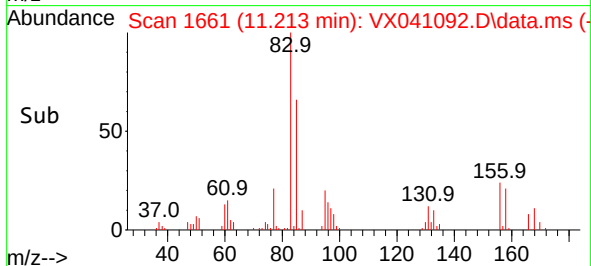
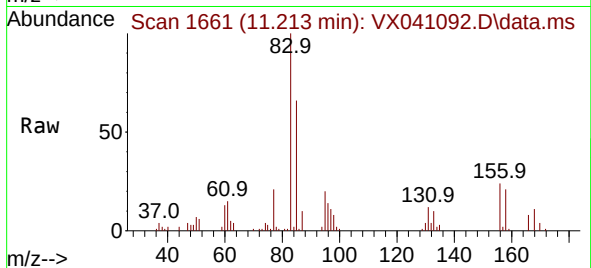
#75
1,1,2,2-Tetrachloroethane
Concen: 4.839 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1528
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.8
85 64.3 32.0 96.2

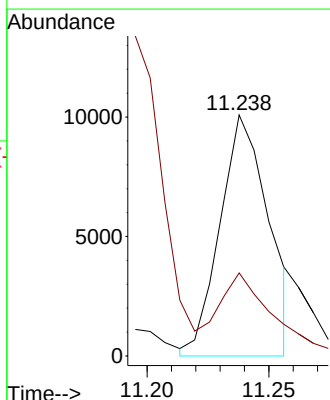
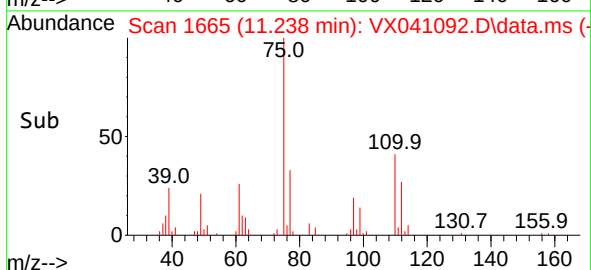
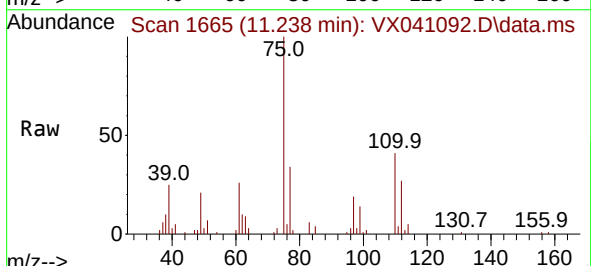
Manual Integrations
APPROVED

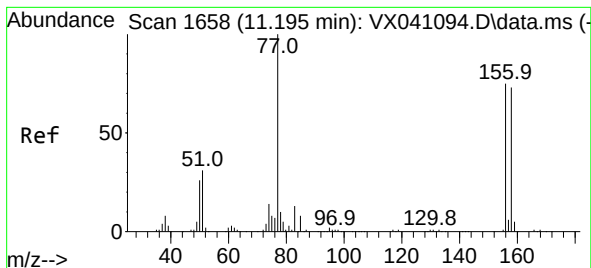
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#76
1,2,3-Trichloropropane
Concen: 5.272 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion: 75 Resp: 14017
Ion Ratio Lower Upper
75 100
77 39.5 19.1 57.5





#77

Bromobenzene

Concen: 4.740 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

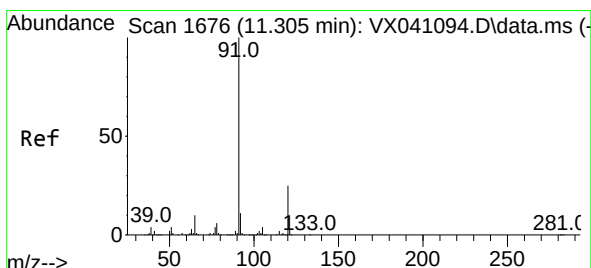
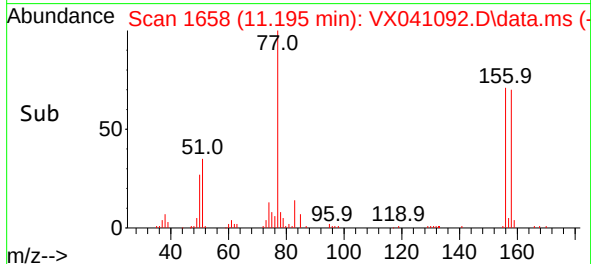
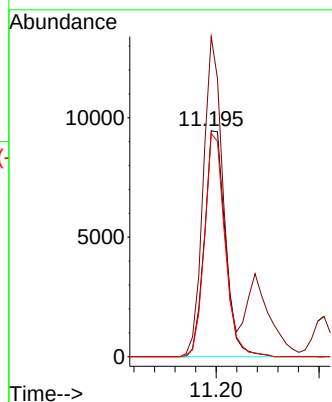
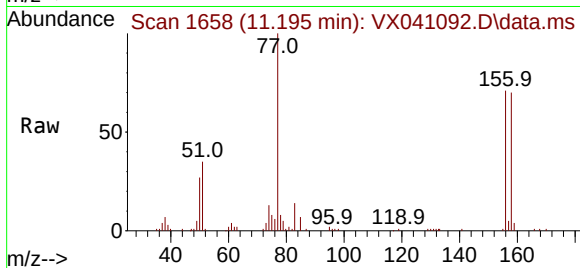
Tgt Ion:	156	Resp:	1339
Ion Ratio	Lower	Upper	
156	100		
77	131.5	88.4	265.3
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#78

n-propylbenzene

Concen: 4.730 ug/l

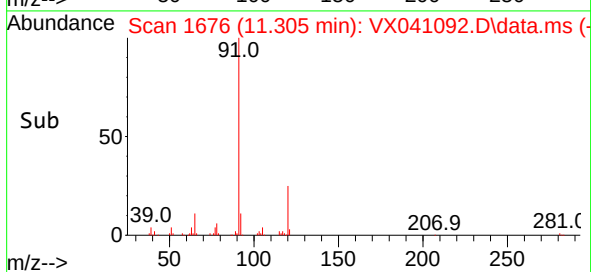
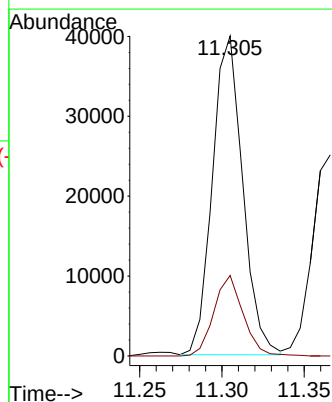
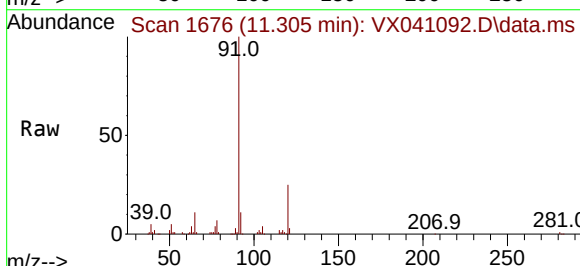
RT: 11.305 min Scan# 1676

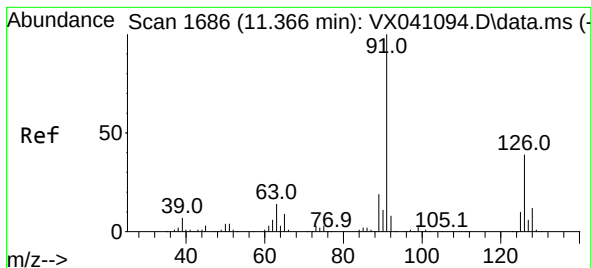
Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

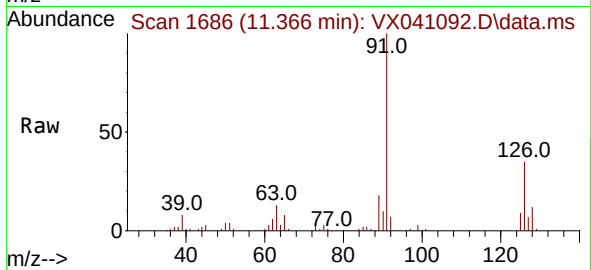
Tgt Ion:	91	Resp:	51043
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 4.840 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

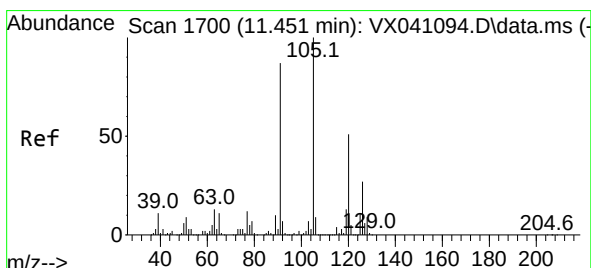
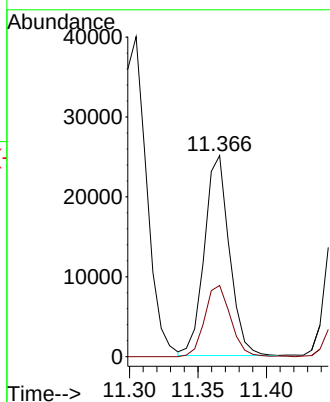
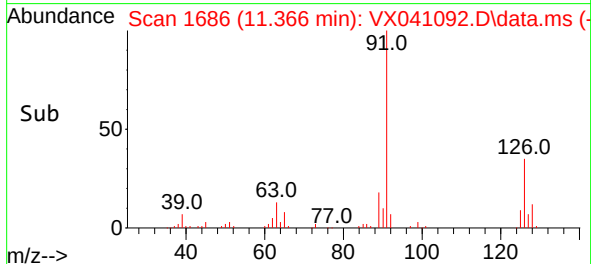
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



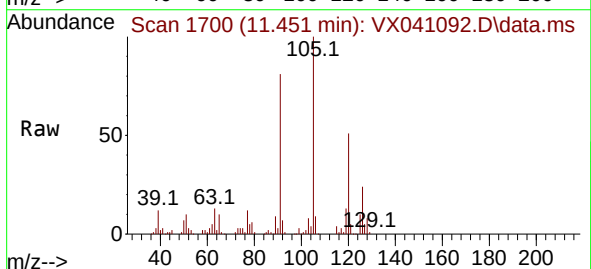
Tgt Ion: 91 Resp: 3184
Ion Ratio Lower Upper
91 100
126 37.1 16.3 48.8

Manual Integrations
APPROVED

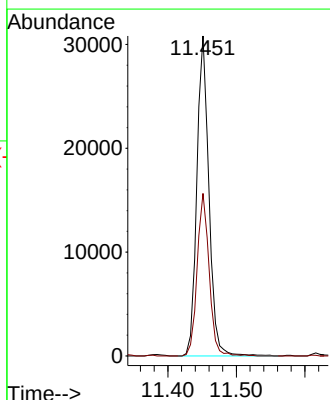
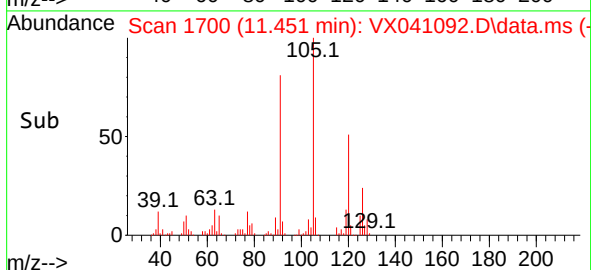
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

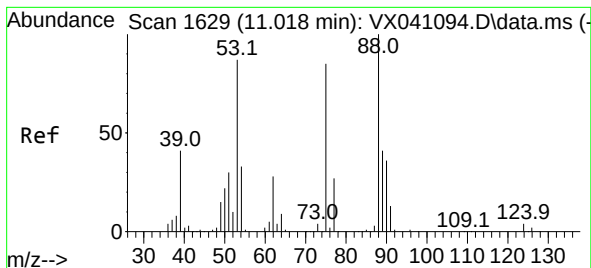


#80
1,3,5-Trimethylbenzene
Concen: 4.706 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48



Tgt Ion:105 Resp: 37727
Ion Ratio Lower Upper
105 100
120 50.6 24.1 72.3





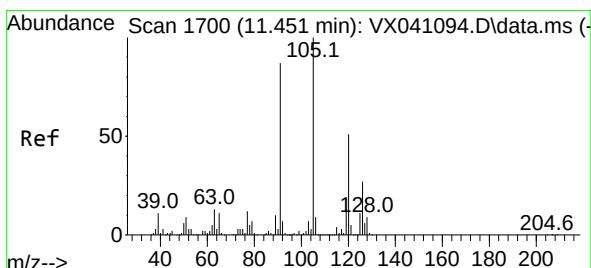
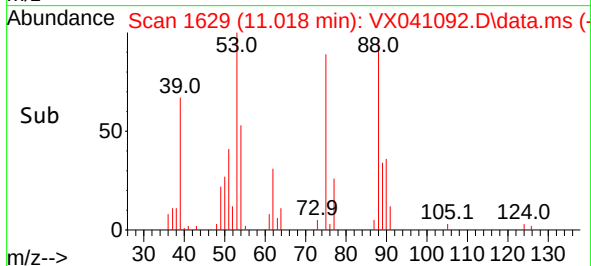
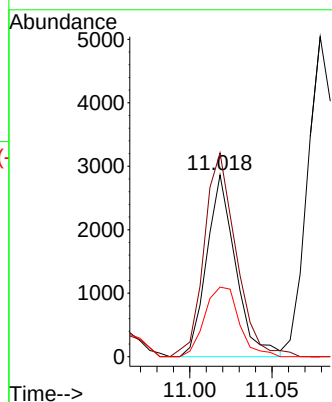
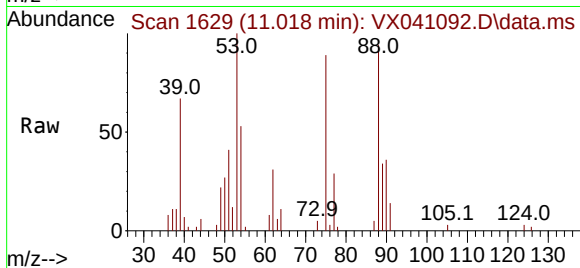
#81
trans-1,4-Dichloro-2-butene
Concen: 5.754 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3498
Ion Ratio Lower Upper
75 100
53 123.8 90.5 135.7
89 45.7 36.9 55.3

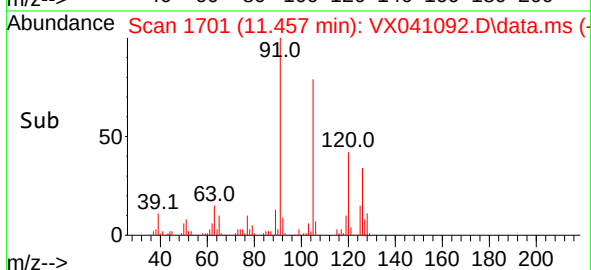
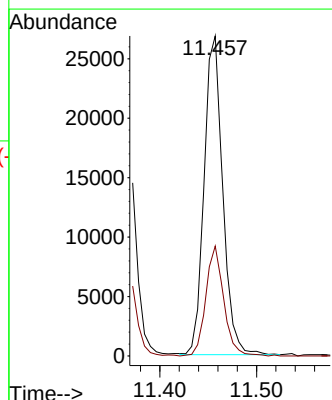
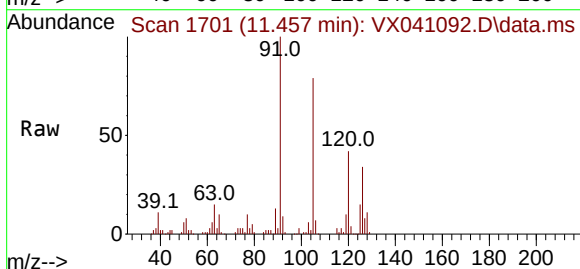
Manual Integrations
APPROVED

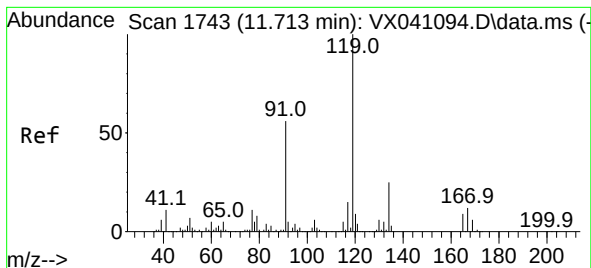
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 4.689 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

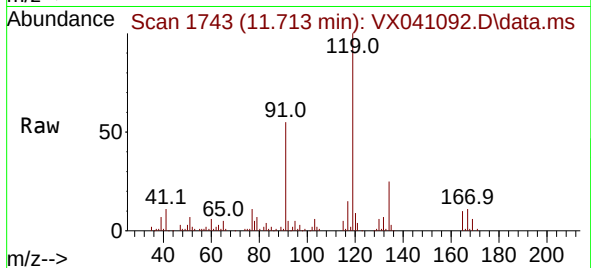
Tgt Ion: 91 Resp: 35916
Ion Ratio Lower Upper
91 100
126 33.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.686 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

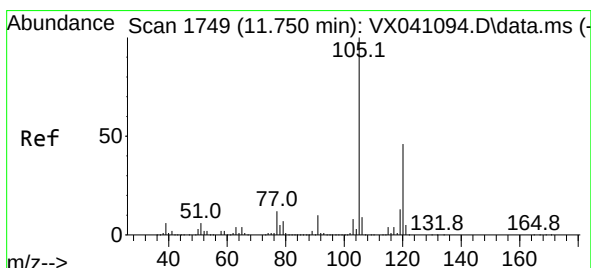
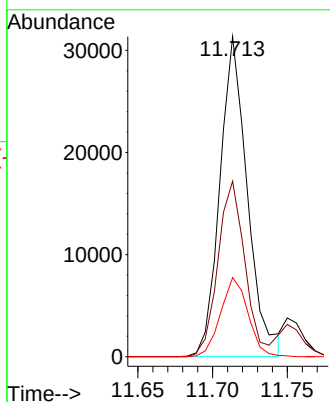
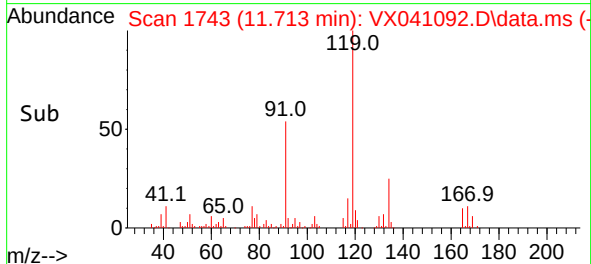
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



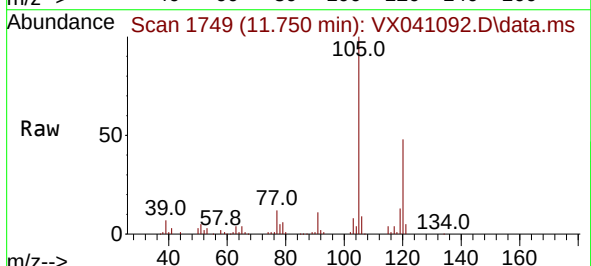
Tgt Ion:119 Resp: 40068
Ion Ratio Lower Upper
119 100
91 54.0 31.2 93.6
134 24.7 11.7 35.0

Manual Integrations
APPROVED

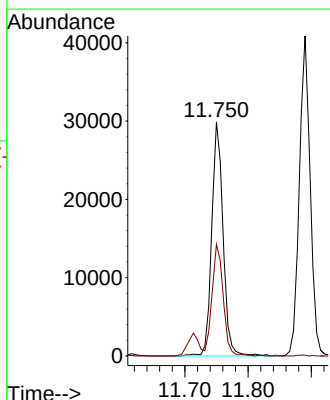
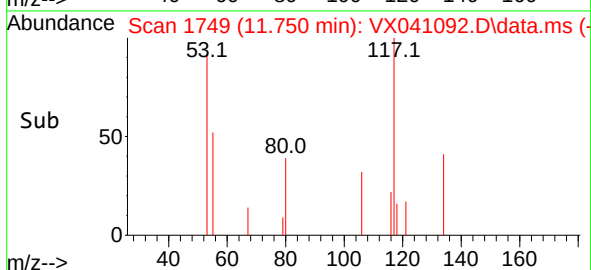
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

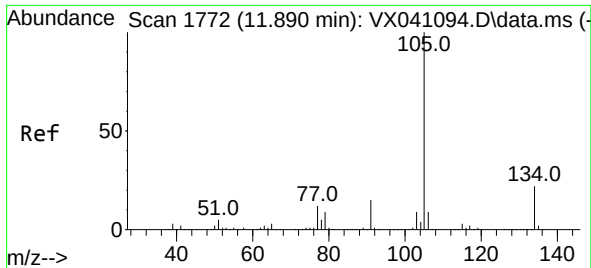


#84
1,2,4-Trimethylbenzene
Concen: 4.678 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48



Tgt Ion:105 Resp: 37423
Ion Ratio Lower Upper
105 100
120 46.6 21.2 63.6





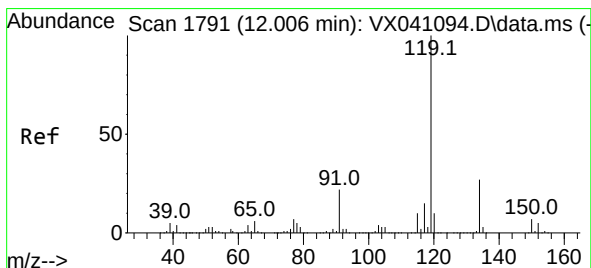
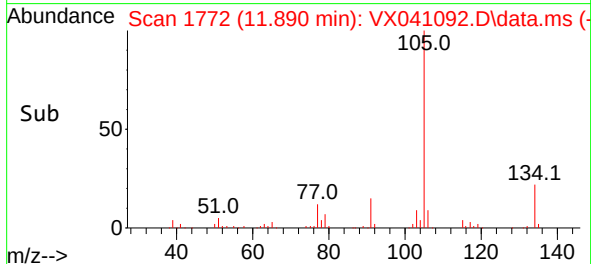
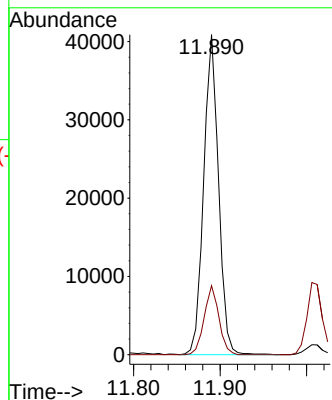
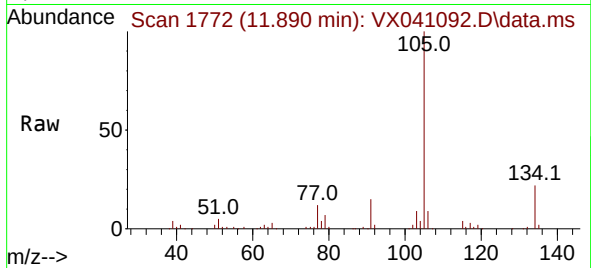
#85
 sec-Butylbenzene
 Concen: 4.738 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041092.D
 Acq: 16 Apr 2024 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4860
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4

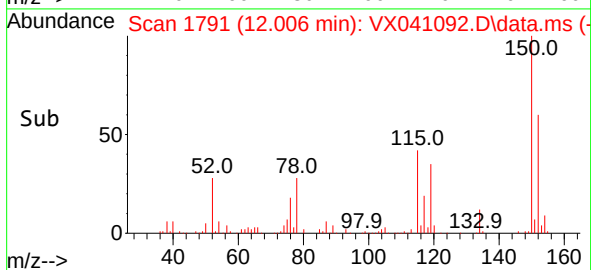
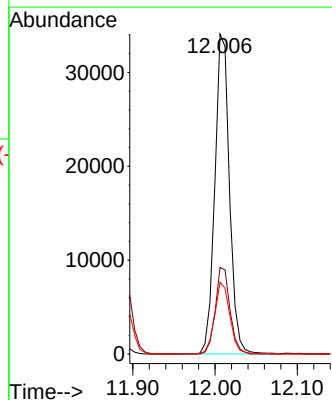
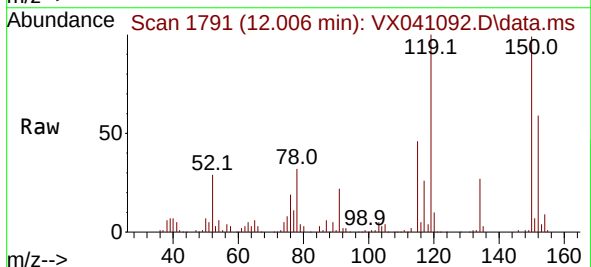
Manual Integrations
 APPROVED

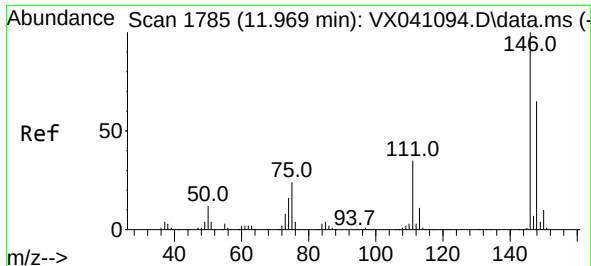
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#86
 p-Isopropyltoluene
 Concen: 4.642 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041092.D
 Acq: 16 Apr 2024 09:48

Tgt Ion:119 Resp: 42260
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 23.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.765 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

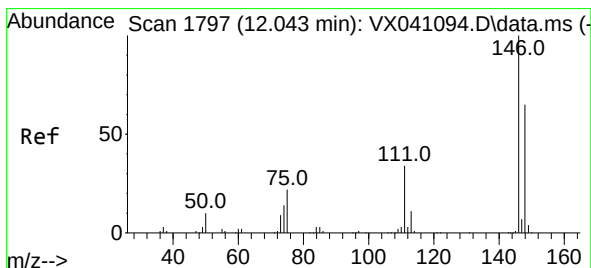
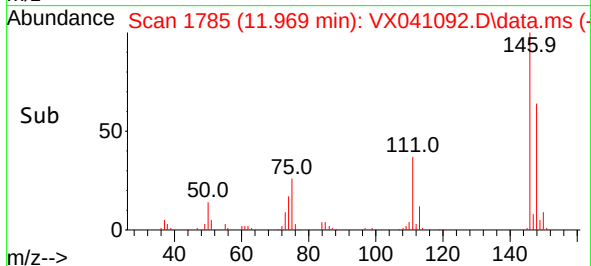
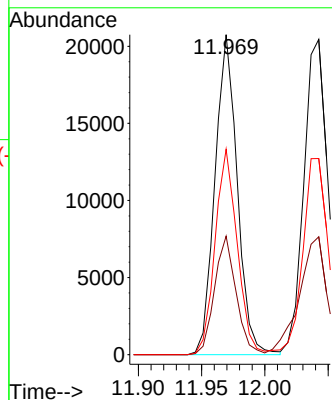
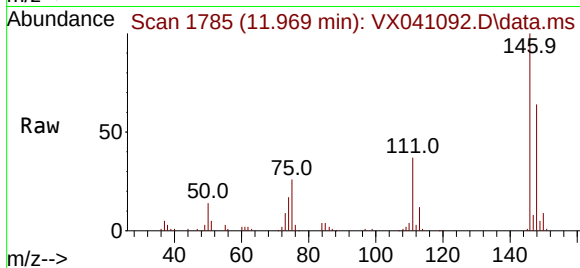
Tgt Ion:146	Resp:	2539
Ion Ratio	Lower	Upper
146	100	
111	36.0	22.1 66.1
148	63.6	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#88

1,4-Dichlorobenzene

Concen: 4.838 ug/l

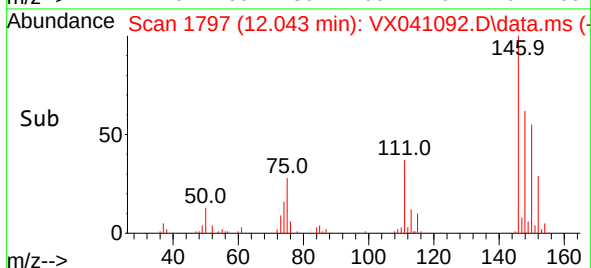
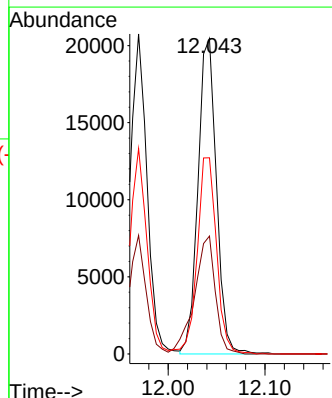
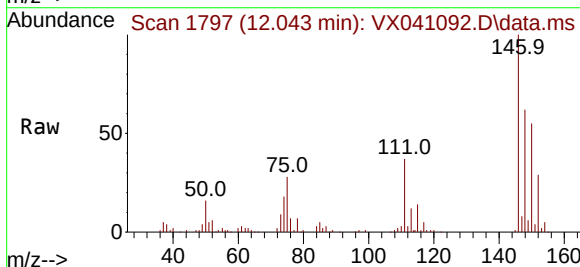
RT: 12.043 min Scan# 1797

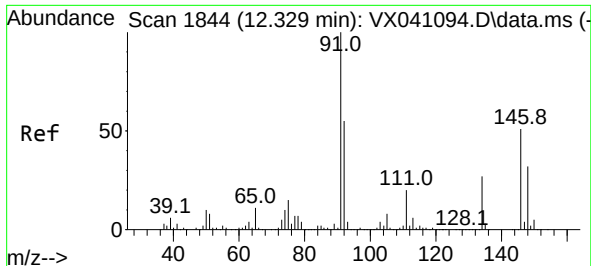
Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion:146	Resp:	27197
Ion Ratio	Lower	Upper
146	100	
111	42.3	21.3 63.7
148	65.4	31.8 95.4





#89

n-Butylbenzene

Concen: 4.501 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

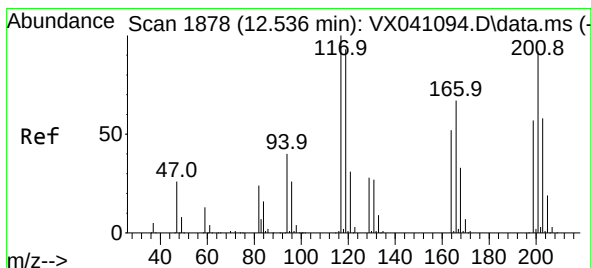
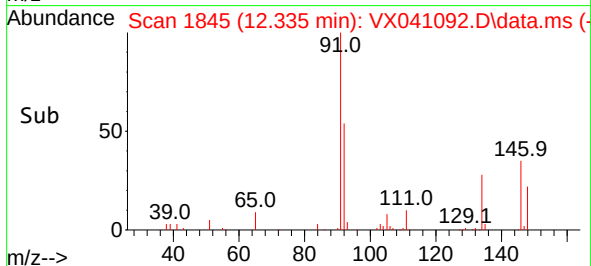
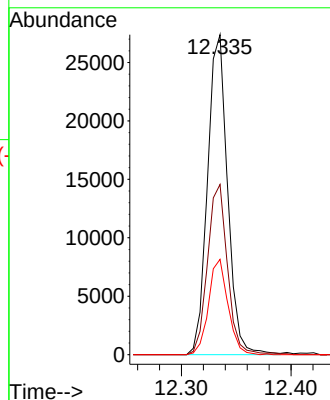
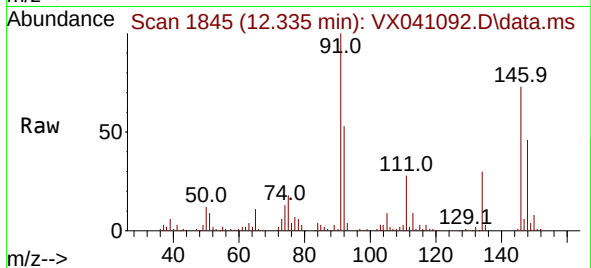
Tgt Ion: 91	Resp: 3476
Ion Ratio	Lower Upper
91	100
92	53.2 27.4 82.0
134	28.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#90

Hexachloroethane

Concen: 4.318 ug/l

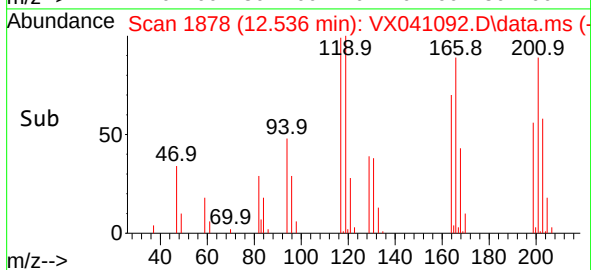
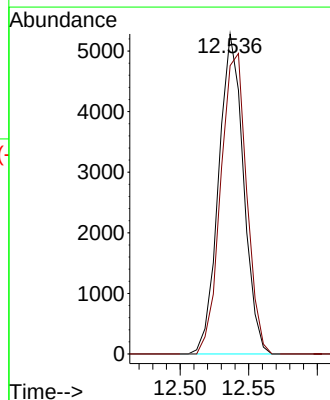
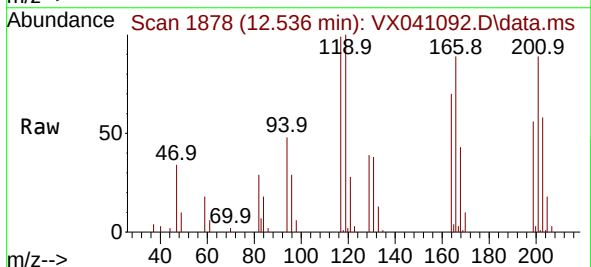
RT: 12.536 min Scan# 1878

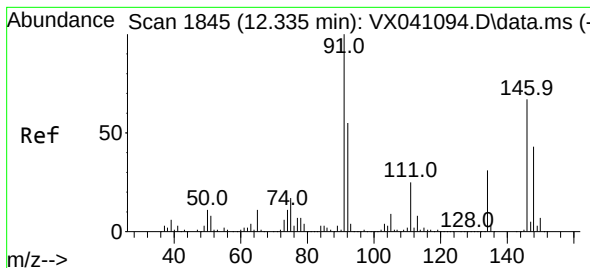
Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion: 117	Resp: 6658
Ion Ratio	Lower Upper
117	100
201	97.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 4.758 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

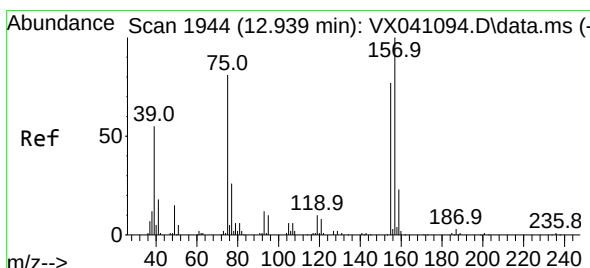
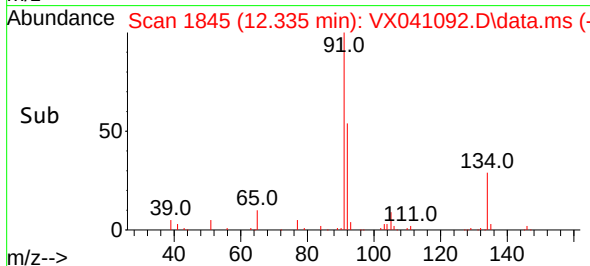
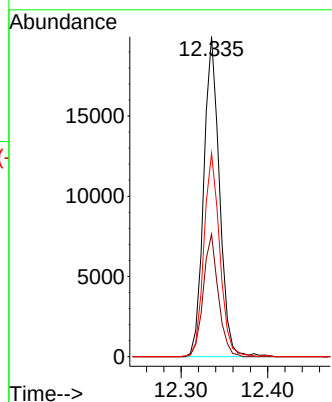
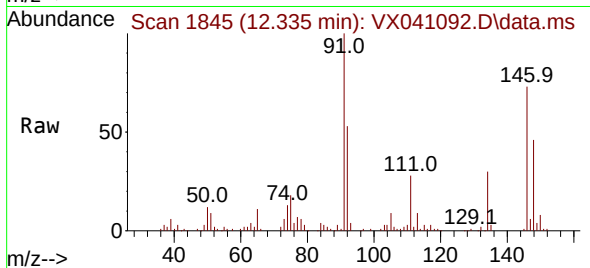
Tgt Ion:	146	Resp:	2516
Ion Ratio	Lower	Upper	
146	100		
111	36.5	22.4	67.0
148	63.9	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.619 ug/l

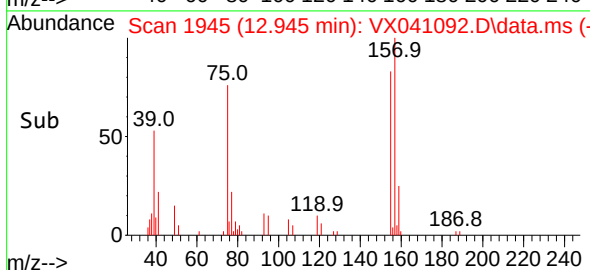
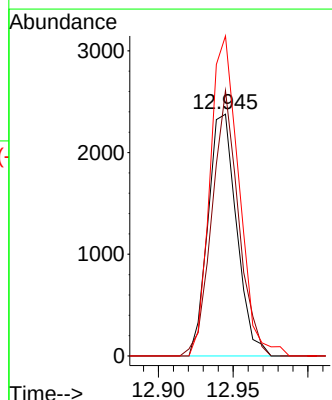
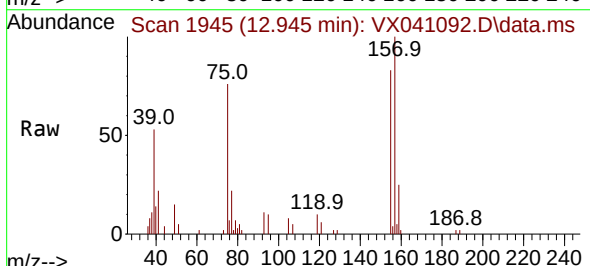
RT: 12.945 min Scan# 1945

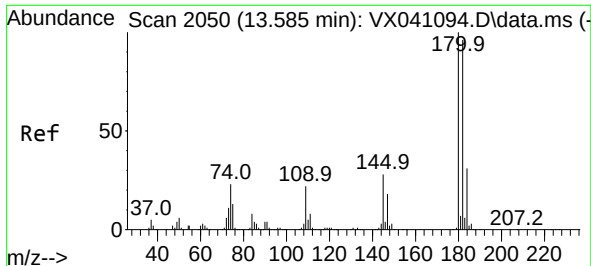
Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion:	75	Resp:	3164
Ion Ratio	Lower	Upper	
75	100		
155	101.9	36.1	108.5
157	133.5	44.9	134.7





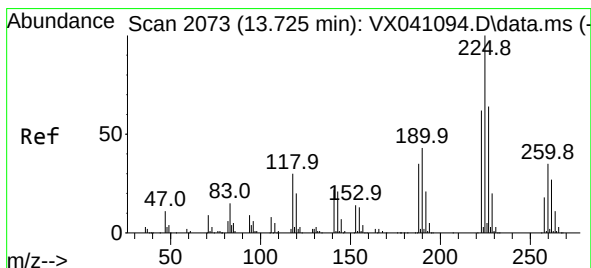
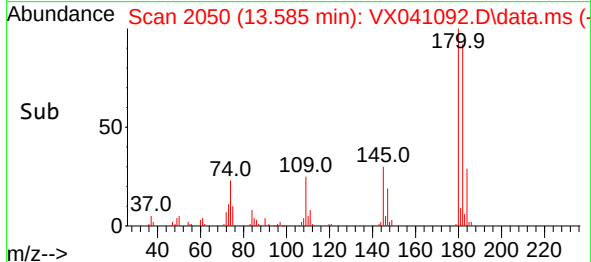
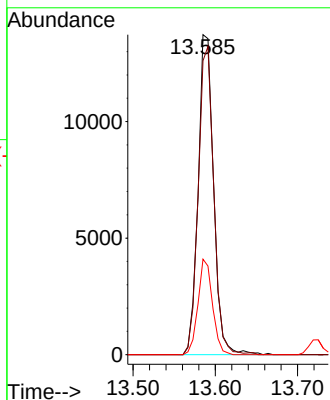
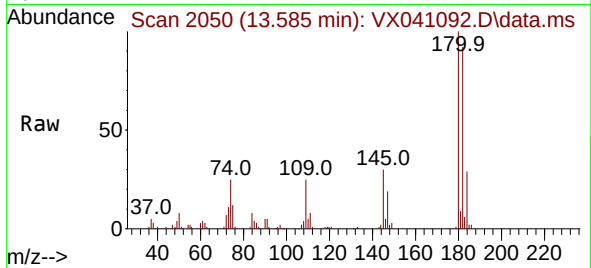
#93
1,2,4-Trichlorobenzene
Concen: 4.517 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 17950
Ion Ratio Lower Upper
180 100
182 96.3 48.3 144.8
145 28.0 18.0 54.0

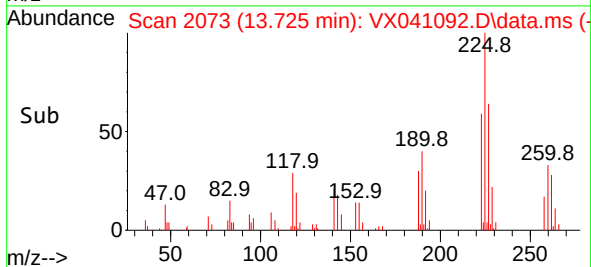
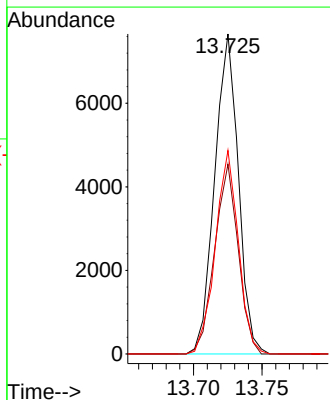
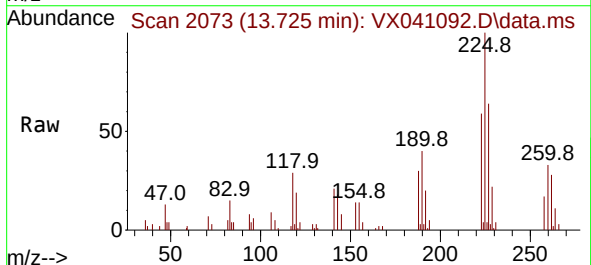
Manual Integrations
APPROVED

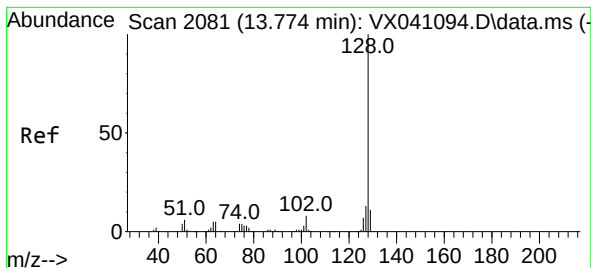
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#94
Hexachlorobutadiene
Concen: 4.838 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041092.D
Acq: 16 Apr 2024 09:48

Tgt Ion:225 Resp: 9169
Ion Ratio Lower Upper
225 100
223 59.1 31.1 93.2
227 62.0 32.5 97.5





#95

Naphthalene

Concen: 4.339 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

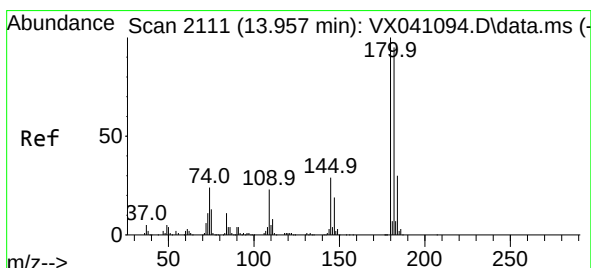
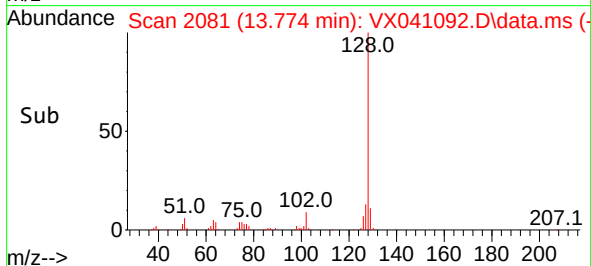
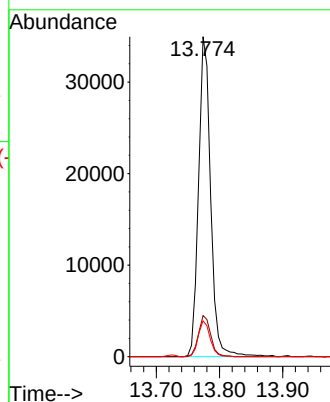
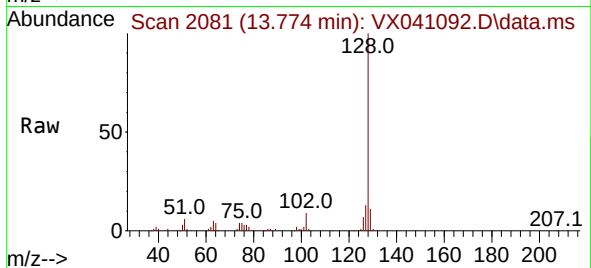
Tgt Ion:	128	Resp:	46584
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.591 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041092.D

Acq: 16 Apr 2024 09:48

Tgt Ion:	180	Resp:	18123
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.9	140.6
145	28.3	17.8	53.5

