

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041454.D
 Acq On : 10 May 2024 12:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 11 01:32:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164894	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100657	56.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.140%
35) Dibromofluoromethane	5.379	113	82528	49.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.260%
50) Toluene-d8	8.647	98	297670	56.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.120%#
62) 4-Bromofluorobenzene	11.079	95	113187	55.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	87843	64.832	ug/l	99
3) Chloromethane	1.295	50	70960	50.611	ug/l	99
4) Vinyl Chloride	1.374	62	71260	53.316	ug/l	99
5) Bromomethane	1.599	94	54328	64.839	ug/l	97
6) Chloroethane	1.666	64	43320	69.806	ug/l	98
7) Trichlorofluoromethane	1.861	101	133537	57.940	ug/l	99
8) Diethyl Ether	2.136	74	48916	60.216	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	77550	59.868	ug/l	89
10) Methyl Iodide	2.441	142	77453	55.556	ug/l	92
11) Tert butyl alcohol	3.008	59	93973	261.549	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	70235	54.966	ug/l	90
13) Acrolein	2.239	56	70559	247.545	ug/l	96
14) Allyl chloride	2.654	41	122560	57.090	ug/l	96
15) Acrylonitrile	3.069	53	240091	292.788	ug/l	99
16) Acetone	2.392	43	245459	311.474	ug/l	96
17) Carbon Disulfide	2.502	76	143564	47.795	ug/l	100
18) Methyl Acetate	2.709	43	107042	58.283	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	268351	57.610	ug/l	99
20) Methylene Chloride	2.782	84	82523	52.954	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	78030	54.643	ug/l	91
22) Diisopropyl ether	3.764	45	271420	59.656	ug/l	88
23) Vinyl Acetate	3.721	43	1239594	304.577	ug/l	97
24) 1,1-Dichloroethane	3.605	63	149441	58.140	ug/l	98
25) 2-Butanone	4.562	43	361380	311.042	ug/l	98
26) 2,2-Dichloropropane	4.471	77	126018	58.638	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	98842	58.460	ug/l	91
28) Bromochloromethane	4.898	49	50173	54.694	ug/l	# 81
29) Tetrahydrofuran	5.007	42	221418	291.402	ug/l	96
30) Chloroform	5.087	83	161149	60.262	ug/l	99
31) Cyclohexane	5.458	56	122180	56.394	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	143492	58.979	ug/l	98
36) 1,1-Dichloropropene	5.690	75	102639	51.622	ug/l	96
37) Ethyl Acetate	4.715	43	133377	53.762	ug/l	99
38) Carbon Tetrachloride	5.672	117	120781	53.026	ug/l	99
39) Methylcyclohexane	7.373	83	137205	58.738	ug/l	93
40) Benzene	6.031	78	323029	52.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73523	57.581	ug/l	97
42) 1,2-Dichloroethane	6.080	62	126234	56.195	ug/l	96
43) Isopropyl Acetate	6.342	43	207443	55.613	ug/l	99
44) Trichloroethene	7.123	130	92146	56.932	ug/l	89
45) 1,2-Dichloropropane	7.428	63	82687	60.379	ug/l	99
46) Dibromomethane	7.580	93	61174	56.113	ug/l #	80
47) Bromodichloromethane	7.818	83	117362	60.411	ug/l	97
48) Methyl methacrylate	7.696	41	101694	59.473	ug/l	95
49) 1,4-Dioxane	7.665	88	41774	1129.971	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	722632	322.854	ug/l	99
52) Toluene	8.714	92	221499	59.074	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118513	52.356	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	128444	60.139	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	88276	61.135	ug/l	96
56) Ethyl methacrylate	9.116	69	142795	63.898	ug/l	97
57) 1,3-Dichloropropane	9.305	76	147109	61.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	300795	277.596	ug/l	93
59) 2-Hexanone	9.433	43	580019	324.071	ug/l	98
60) Dibromochloromethane	9.519	129	106840	62.851	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94557	59.523	ug/l	100
64) Tetrachloroethene	9.269	164	90484	54.785	ug/l	91
65) Chlorobenzene	10.080	112	250640	54.132	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	90388	55.249	ug/l	98
67) Ethyl Benzene	10.195	91	407710	53.372	ug/l	97
68) m/p-Xylenes	10.299	106	334782	109.438	ug/l	93
69) o-Xylene	10.640	106	166191	56.739	ug/l	93
70) Styrene	10.653	104	281385	58.545	ug/l	96
71) Bromoform	10.799	173	84439	57.672	ug/l #	100
73) Isopropylbenzene	10.964	105	404011	49.651	ug/l	97
74) N-amyl acetate	10.842	43	195389	54.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	146636	54.996	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	120541m	55.488	ug/l	
77) Bromobenzene	11.195	156	124001	53.994	ug/l	79
78) n-propylbenzene	11.305	91	486246	56.896	ug/l	96
79) 2-Chlorotoluene	11.366	91	299265	54.339	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	362914	54.712	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42861	53.742	ug/l	98
82) 4-Chlorotoluene	11.451	91	341453	54.613	ug/l	94
83) tert-Butylbenzene	11.713	119	392552	55.264	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	355377	53.245	ug/l	93
85) sec-Butylbenzene	11.890	105	450941	55.396	ug/l	95
86) p-Isopropyltoluene	12.006	119	403494	55.191	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	226165	54.180	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	230223	53.531	ug/l	95
89) n-Butylbenzene	12.335	91	330239	56.175	ug/l	98
90) Hexachloroethane	12.536	117	62749	51.323	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	229329	52.013	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31155	50.566	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	168185	54.571	ug/l	95
94) Hexachlorobutadiene	13.725	225	83423	54.205	ug/l	99
95) Naphthalene	13.774	128	506727	55.482	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174045	55.256	ug/l	95

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

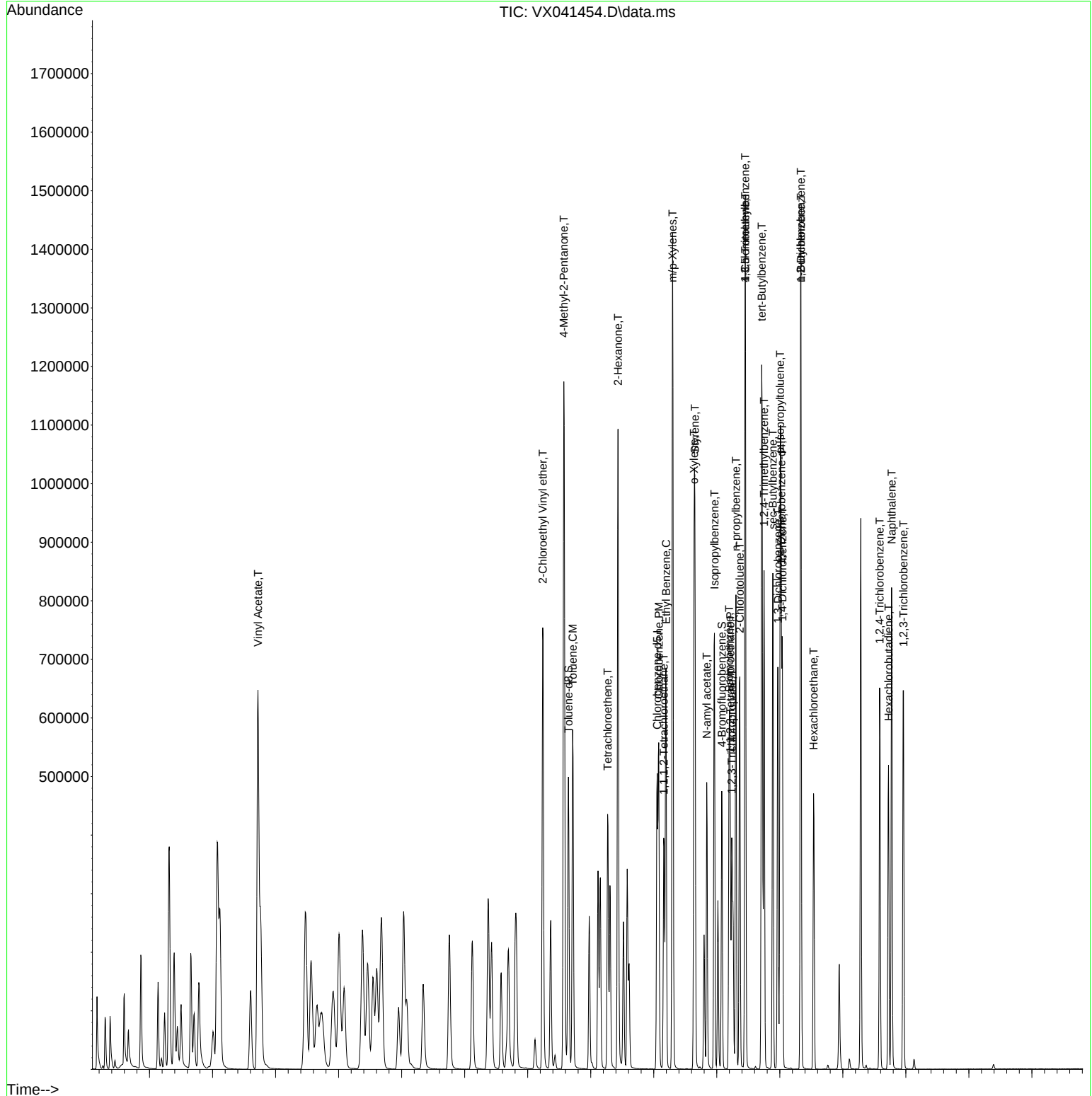
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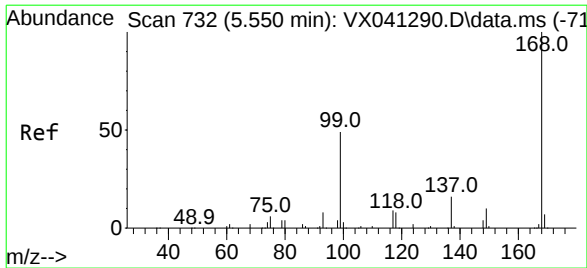
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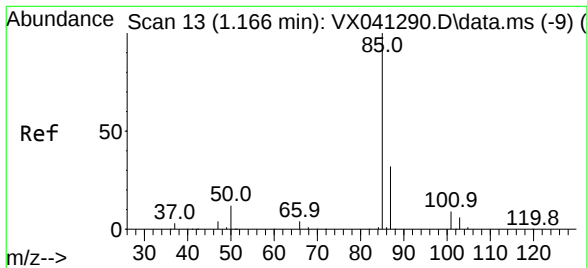
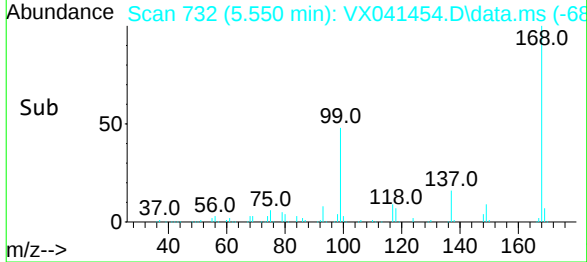
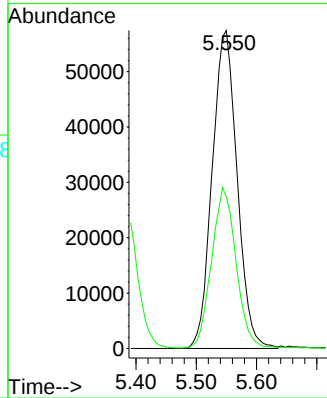
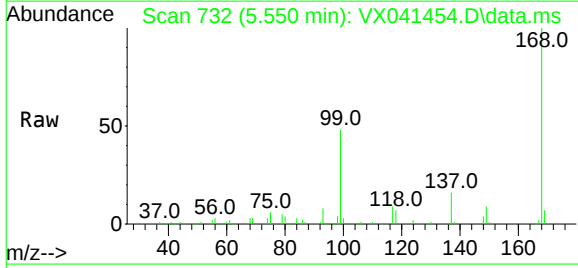
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041454.D
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Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion:168 Resp: 164894
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#

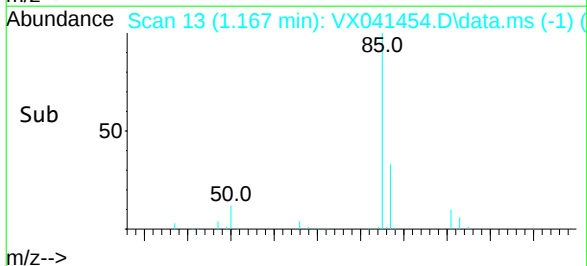
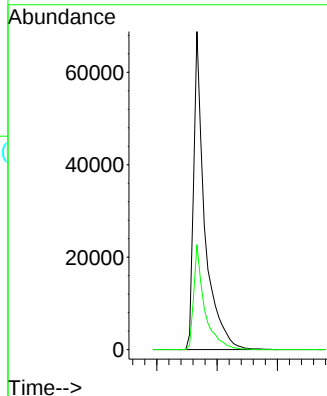
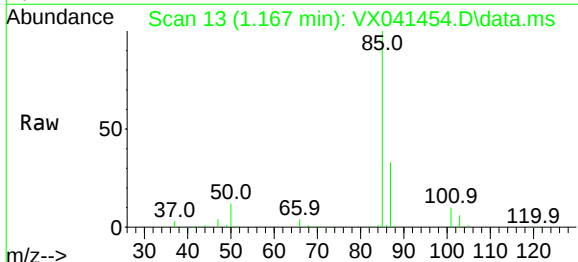
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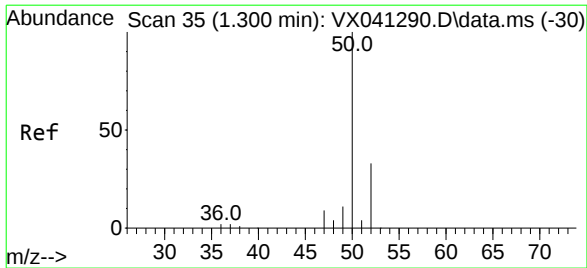
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#2
Dichlorodifluoromethane
Concen: 64.832 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

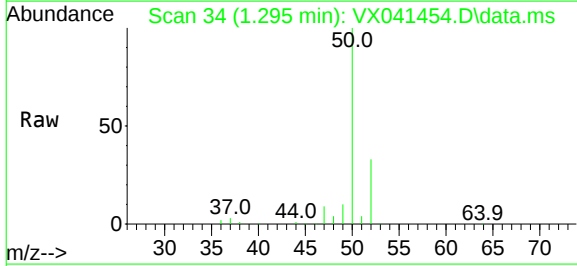
Tgt Ion: 85 Resp: 87843
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





#3
Chloromethane
Concen: 50.611 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

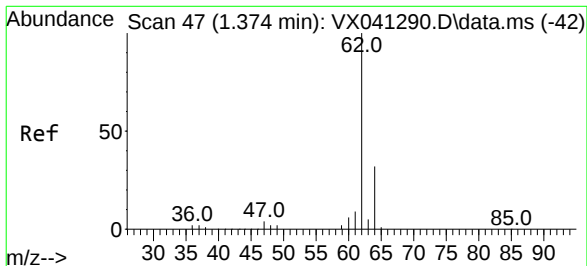
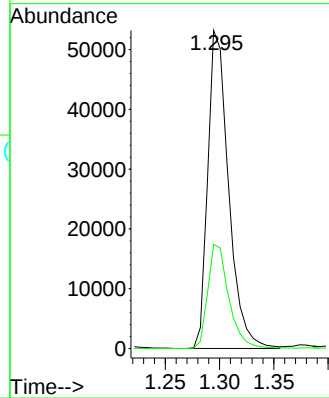
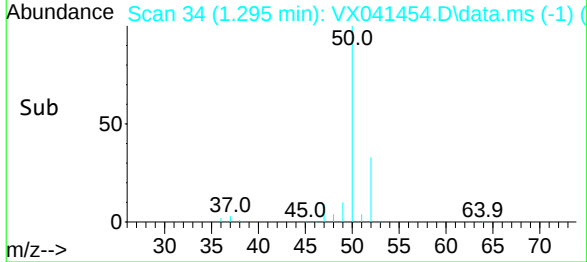
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 70960
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

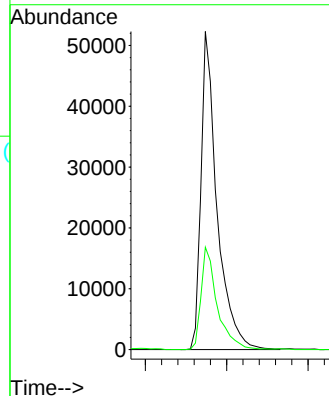
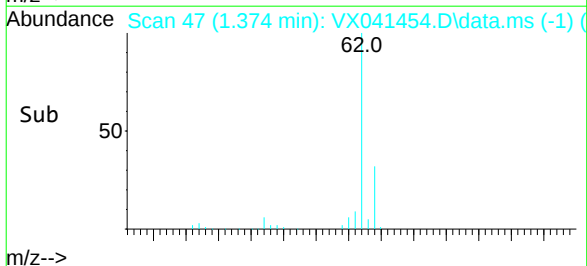
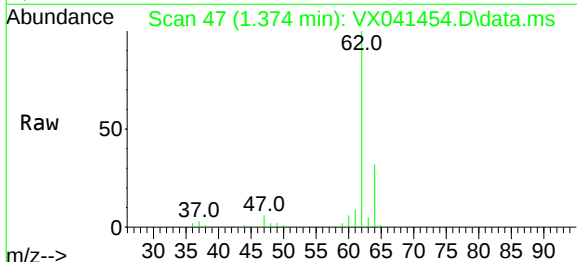
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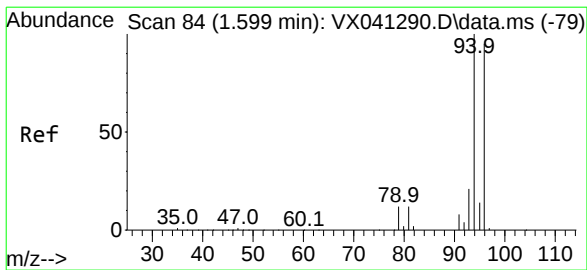
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#4
Vinyl Chloride
Concen: 53.316 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

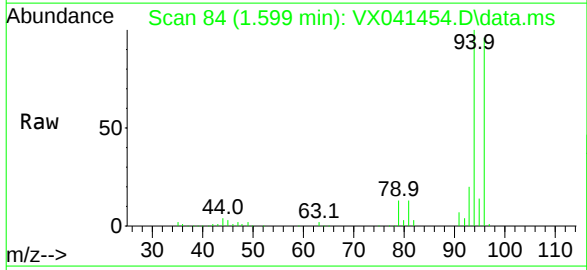
Tgt Ion: 62 Resp: 71260
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 64.839 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041454.D
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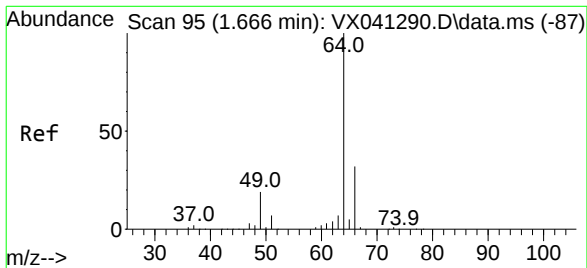
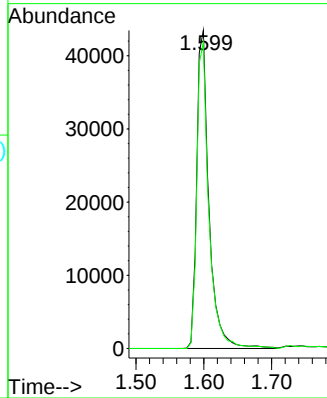
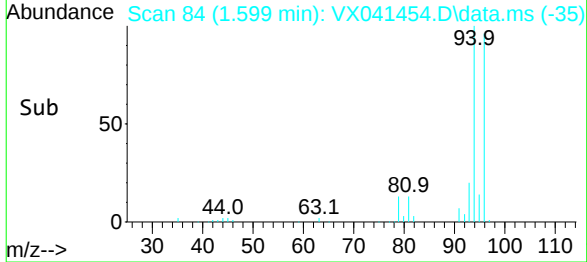
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Tgt Ion: 94 Resp: 54328
Ion Ratio Lower Upper
94 100
96 96.3 74.6 111.8

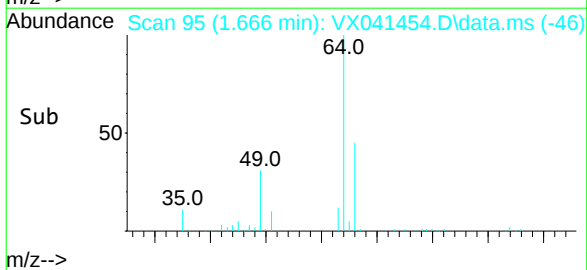
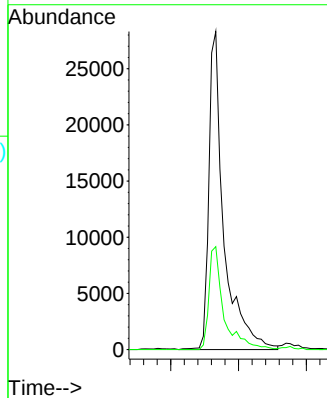
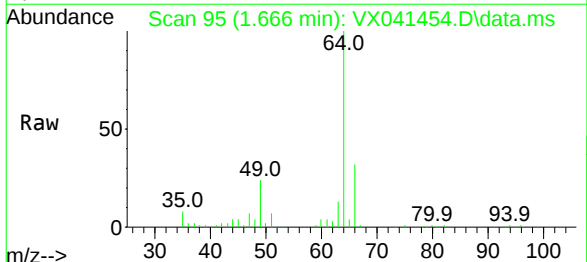
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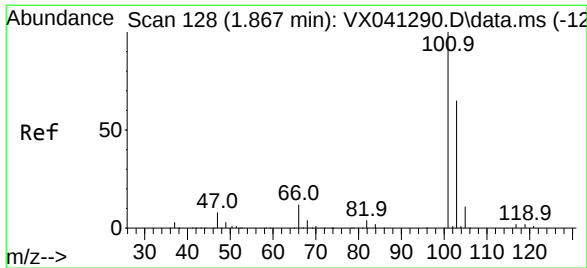
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#6
Chloroethane
Concen: 69.806 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 64 Resp: 43320
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





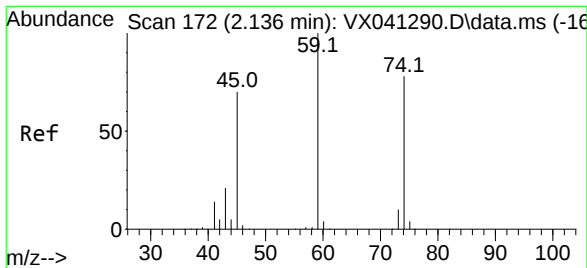
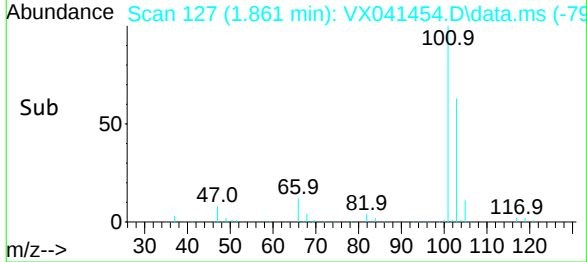
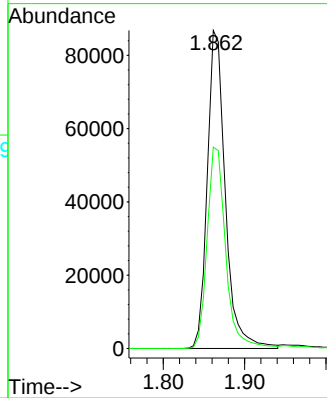
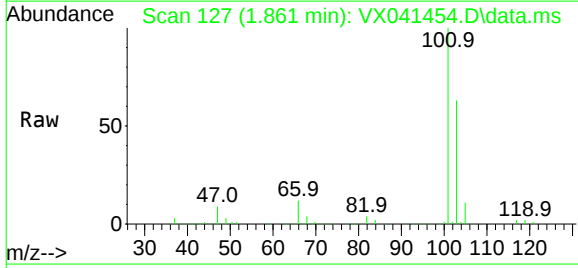
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 Trichlorofluoromethane
 Concen: 57.940 ug/l
 RT: 1.861 min Scan# 128
 Delta R.T. -0.006 min
 Lab File: VX041454.D
 Acq: 10 May 2024 12:49

Instrument :
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 VSTDCCC050

Tgt Ion:101 Resp: 133537
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.2

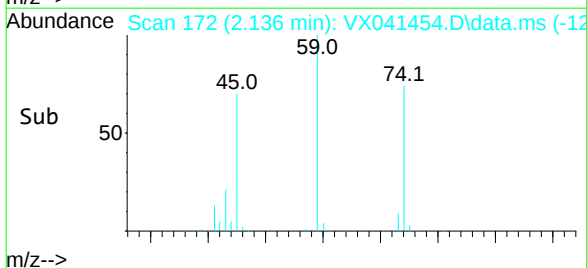
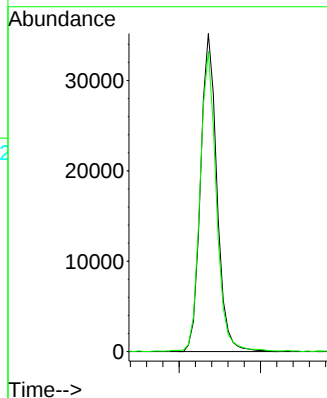
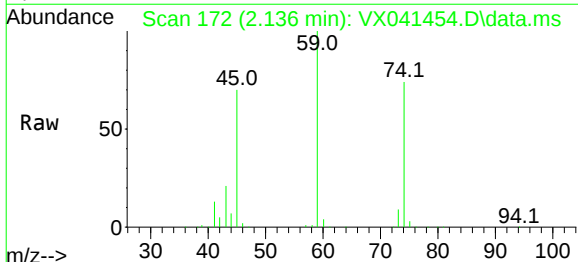
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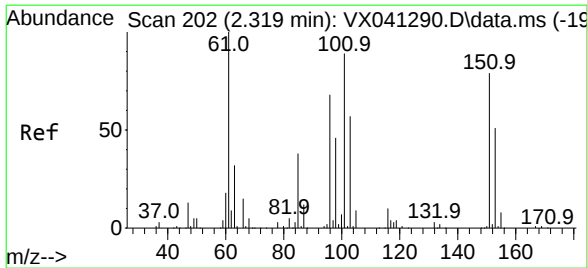
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#8
 Diethyl Ether
 Concen: 60.216 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041454.D
 Acq: 10 May 2024 12:49

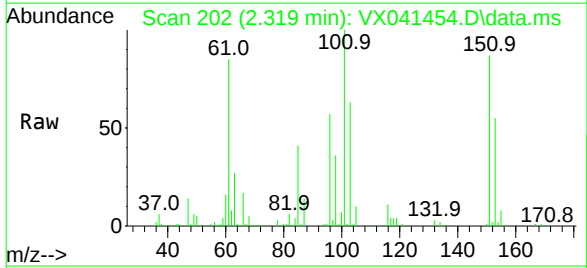
Tgt Ion: 74 Resp: 48916
 Ion Ratio Lower Upper
 74 100
 45 94.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.868 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

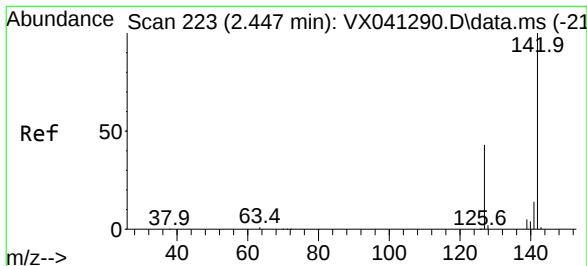
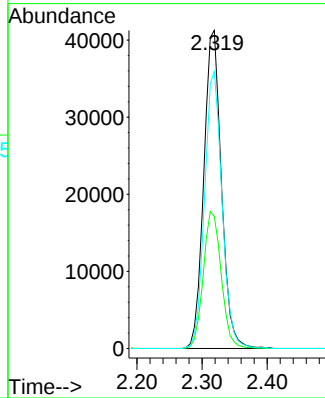
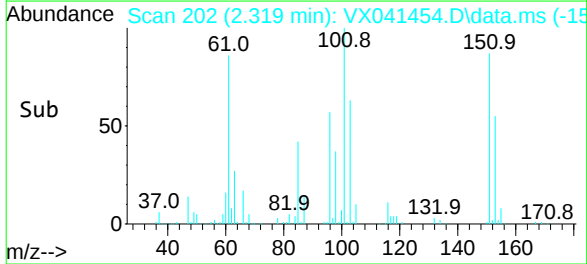
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



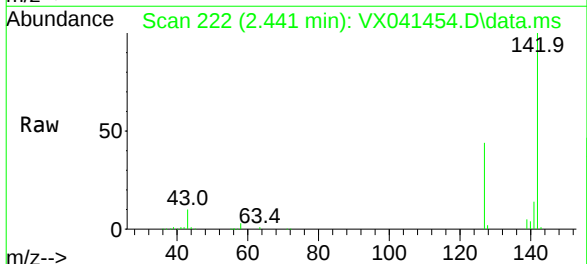
Tgt Ion:101 Resp: 77550
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 86.6 58.6 87.8

Manual Integrations
APPROVED

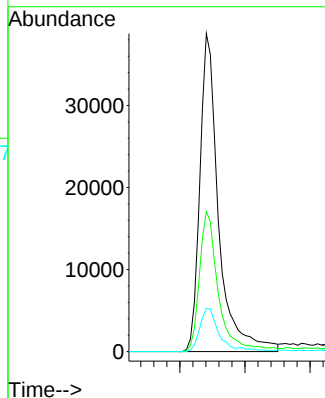
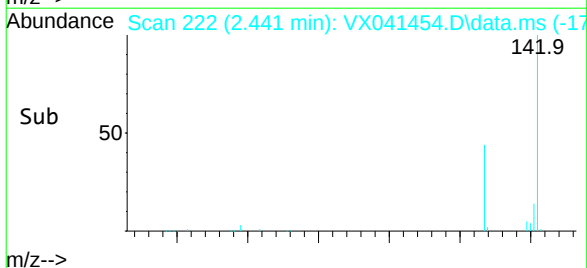
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

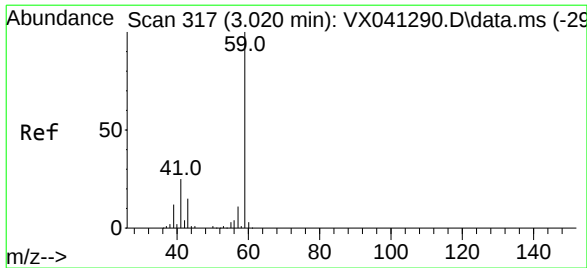


#10
Methyl Iodide
Concen: 55.556 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49



Tgt Ion:142 Resp: 77453
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 261.549 ug/l

RT: 3.008 min Scan# 317

Delta R.T. -0.012 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 93973

Ion Ratio Lower Upper

59 100

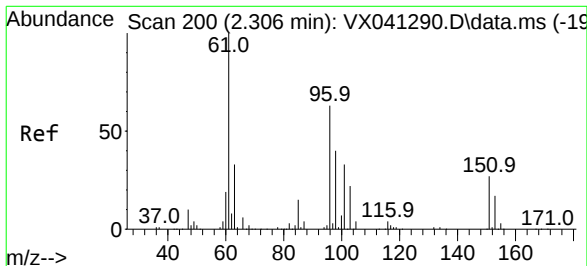
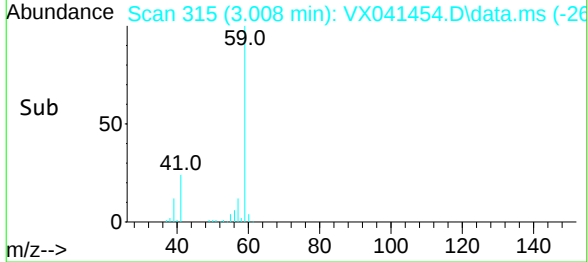
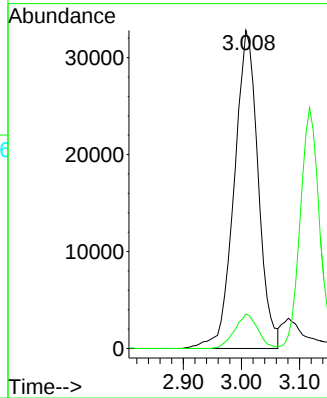
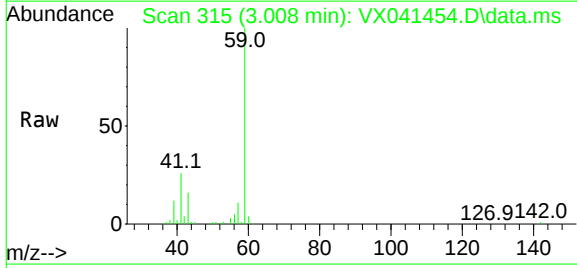
57 10.4 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#12

1,1-Dichloroethene

Concen: 54.966 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

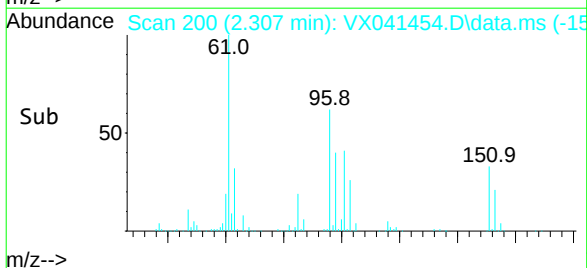
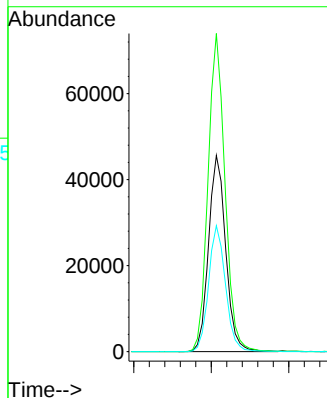
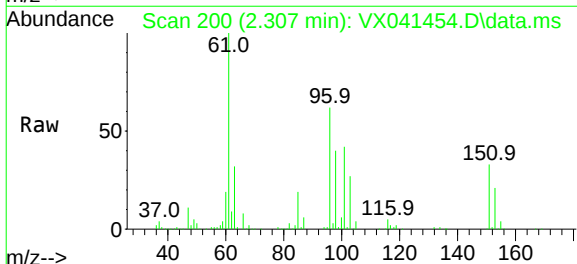
Tgt Ion: 96 Resp: 70235

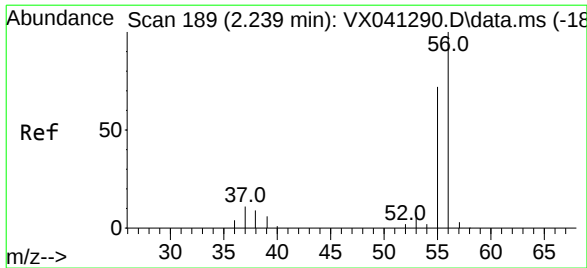
Ion Ratio Lower Upper

96 100

61 162.2 144.6 216.8

98 64.2 50.4 75.6





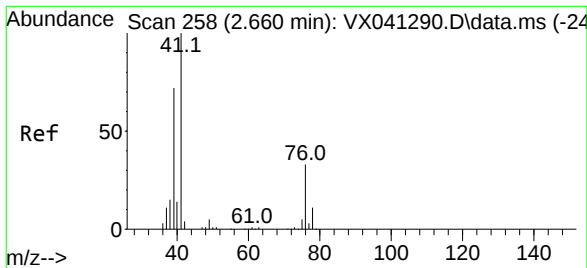
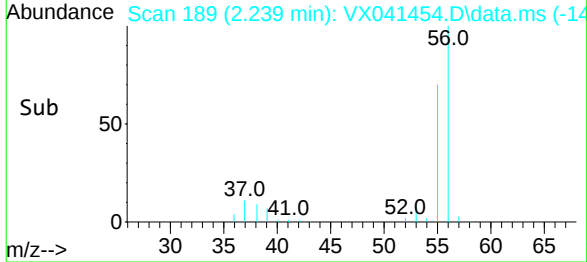
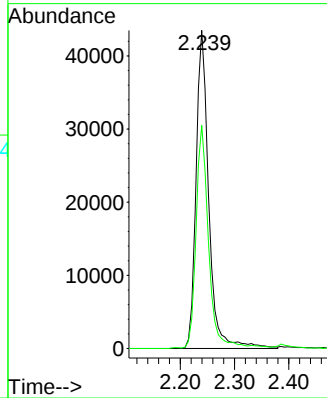
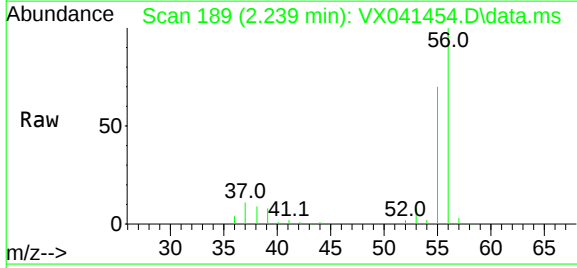
#13
Acrolein
Concen: 247.545 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 70559
Ion Ratio Lower Upper
56 100
55 67.9 57.1 85.7

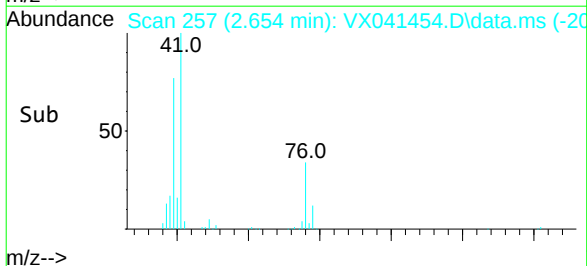
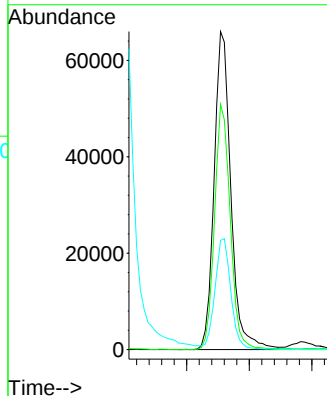
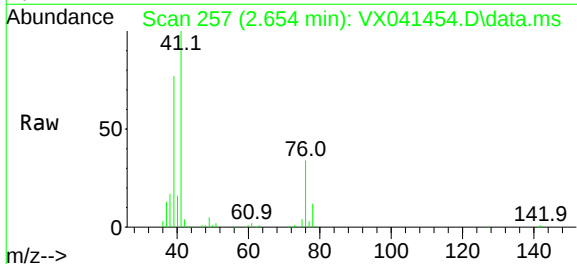
Manual Integrations
APPROVED

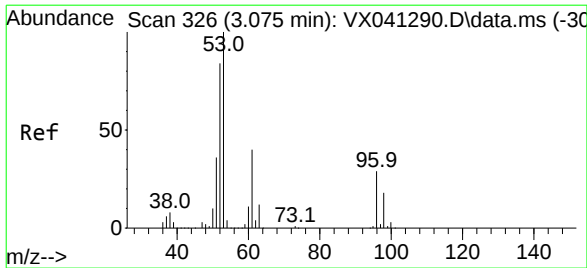
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#14
Allyl chloride
Concen: 57.090 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 41 Resp: 122560
Ion Ratio Lower Upper
41 100
39 72.5 55.8 83.6
76 33.2 24.3 36.5





#15

Acrylonitrile

Concen: 292.788 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

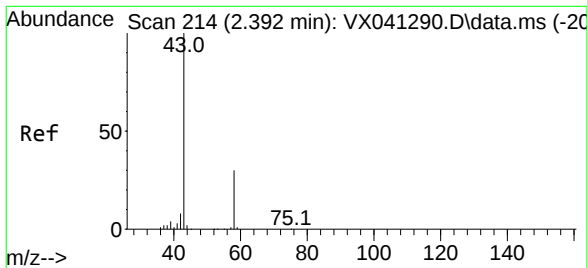
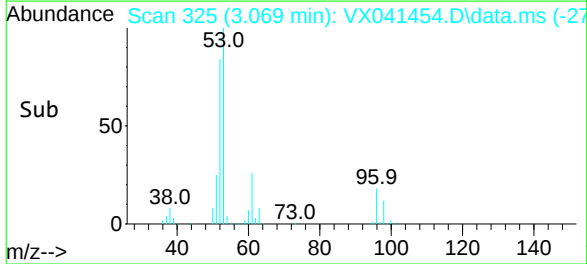
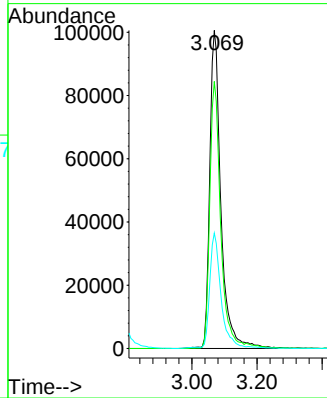
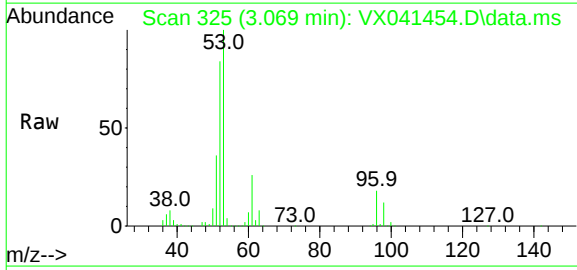
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	240091
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.0	99.0
51	36.6	29.8	44.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#16

Acetone

Concen: 311.474 ug/l

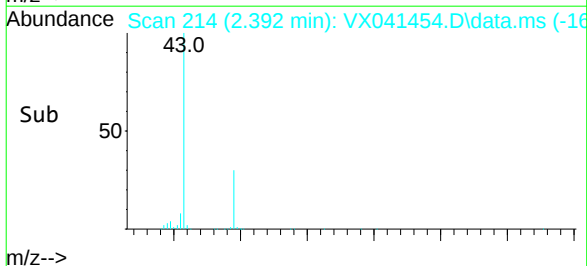
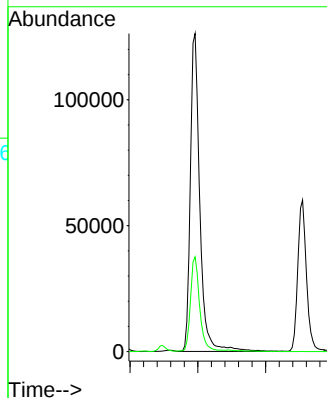
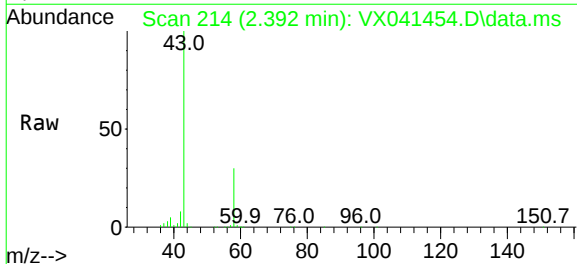
RT: 2.392 min Scan# 214

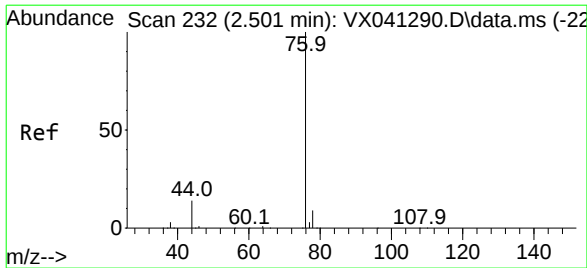
Delta R.T. -0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	43	Resp:	245459
Ion	Ratio	Lower	Upper
43	100		
58	29.7	21.9	32.9





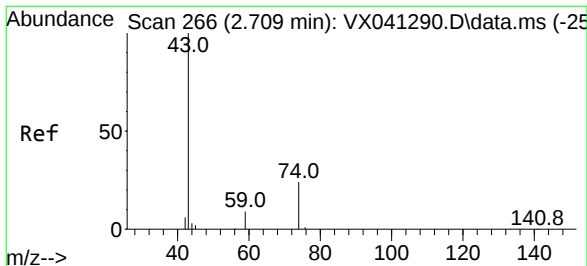
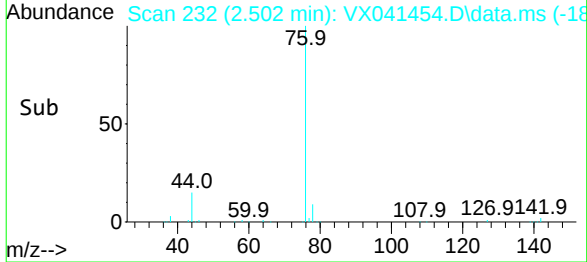
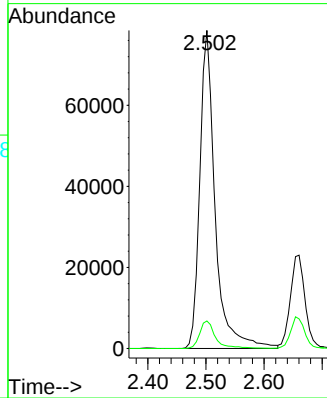
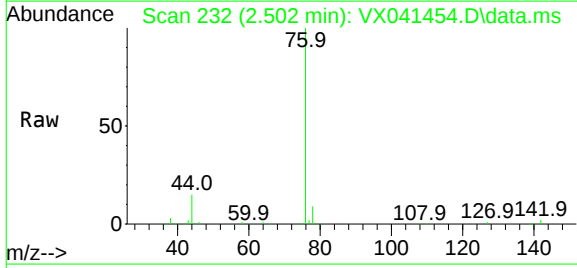
#17
Carbon Disulfide
Concen: 47.795 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 143564
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

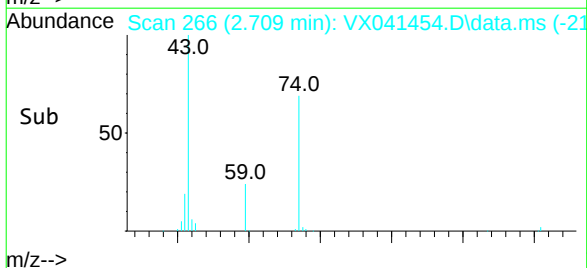
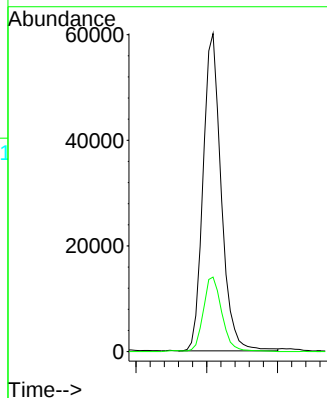
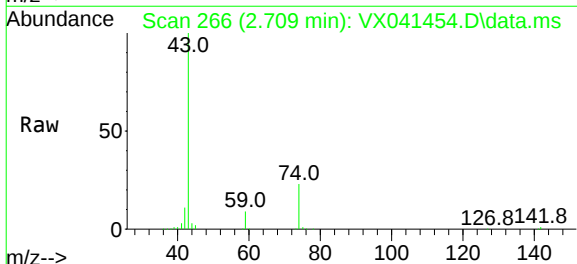
Manual Integrations
APPROVED

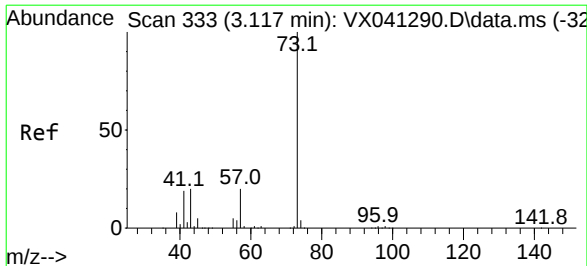
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#18
Methyl Acetate
Concen: 58.283 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 43 Resp: 107042
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8





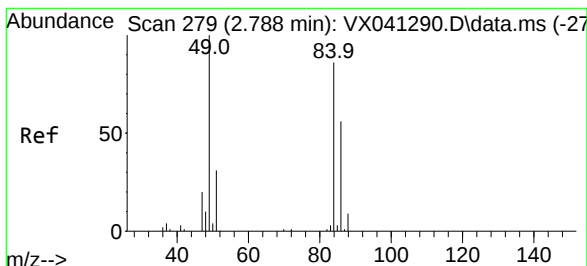
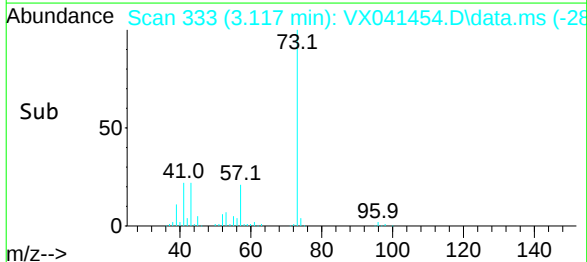
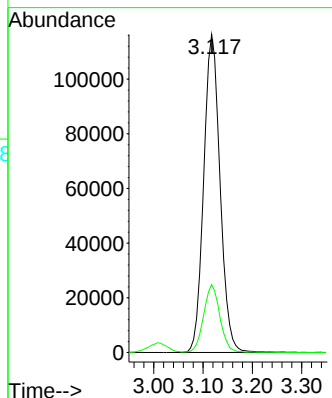
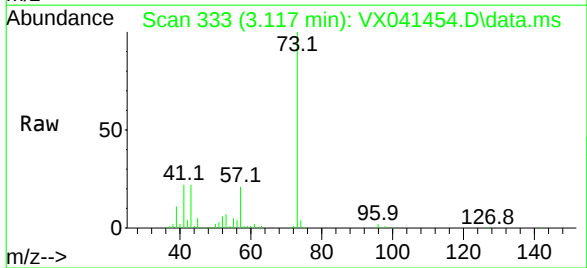
#19
Methyl tert-butyl Ether
Concen: 57.610 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 268351
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

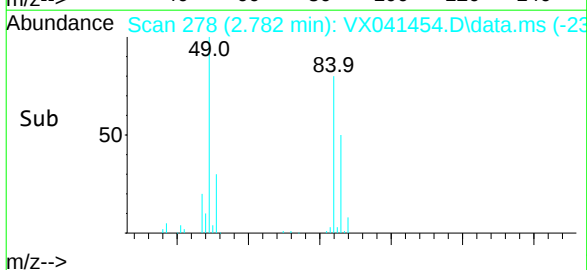
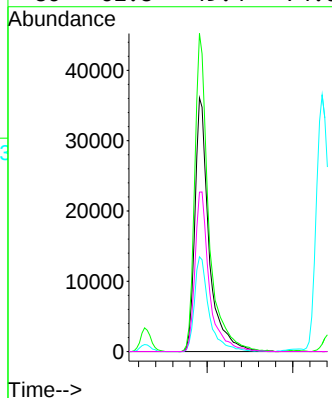
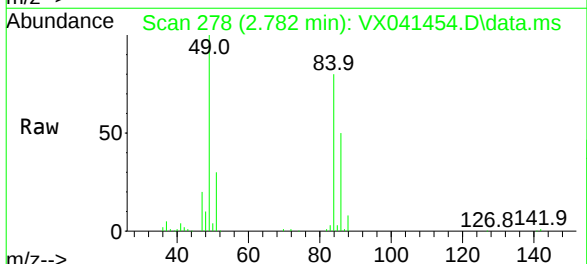
Manual Integrations
APPROVED

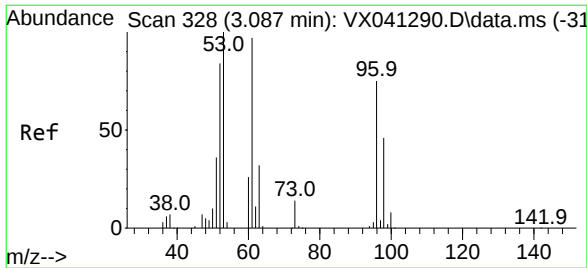
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#20
Methylene Chloride
Concen: 52.954 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

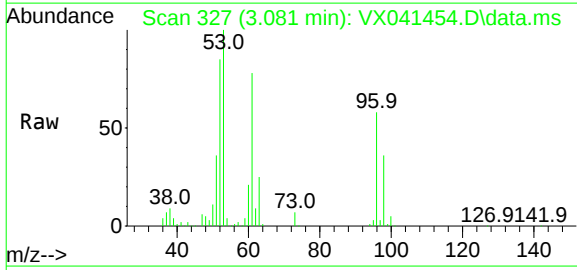
Tgt Ion: 84 Resp: 82523
Ion Ratio Lower Upper
84 100
49 125.4 103.6 155.4
51 37.3 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 54.643 ug/l
RT: 3.081 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

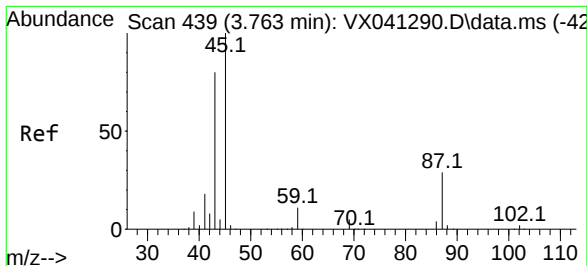
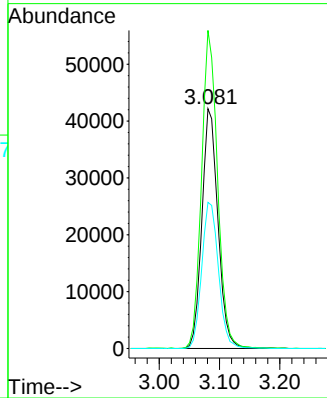
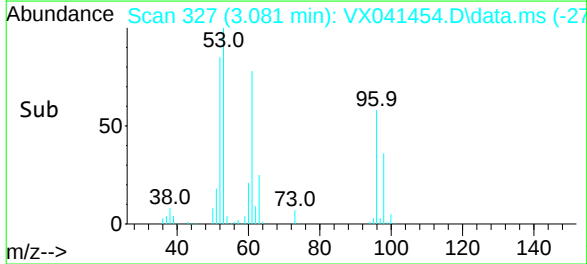
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



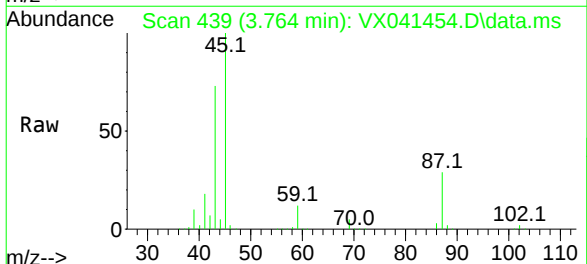
Tgt Ion: 96 Resp: 78030
Ion Ratio Lower Upper
96 100
61 132.6 119.2 178.8
98 60.9 48.7 73.1

Manual Integrations
APPROVED

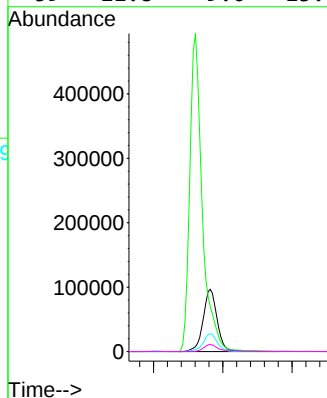
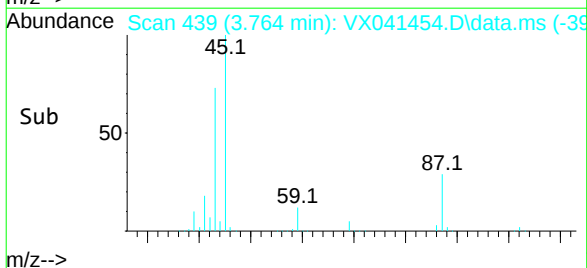
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

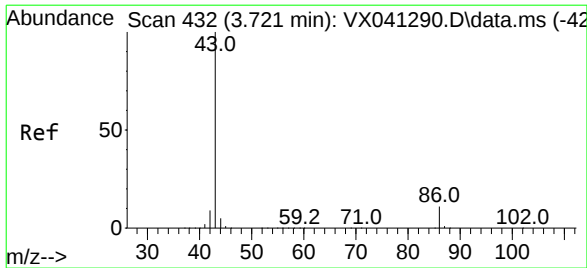


#22
Diisopropyl ether
Concen: 59.656 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49



Tgt Ion: 45 Resp: 271420
Ion Ratio Lower Upper
45 100
43 72.4 69.7 104.5
87 28.6 20.8 31.2
59 11.8 9.0 13.4





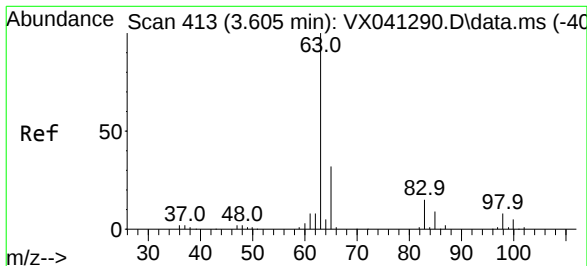
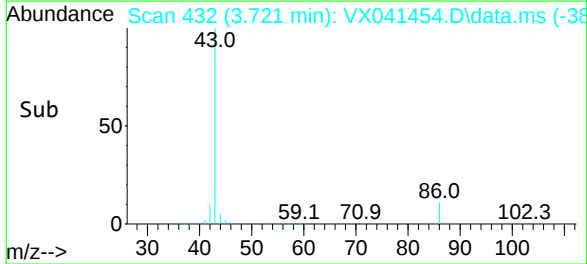
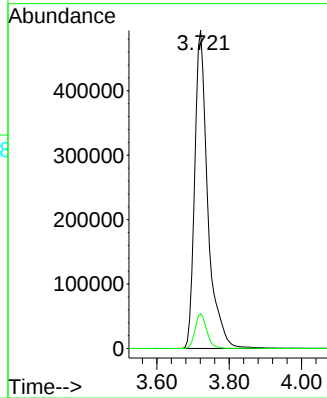
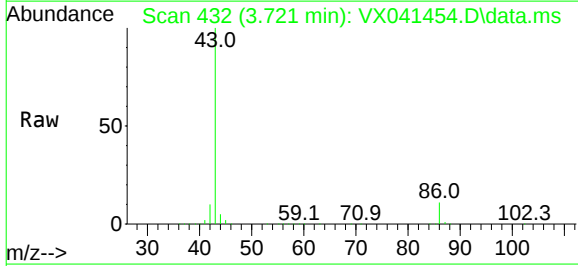
#23
 Vinyl Acetate
 Concen: 304.577 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VX041454.D
 Acq: 10 May 2024 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1239594
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

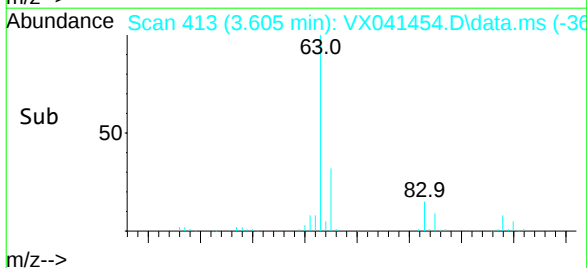
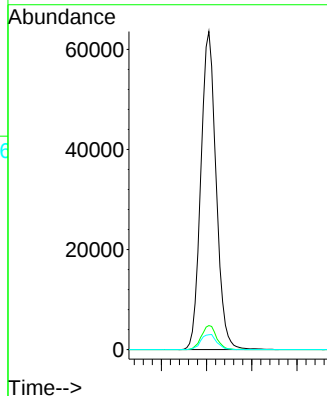
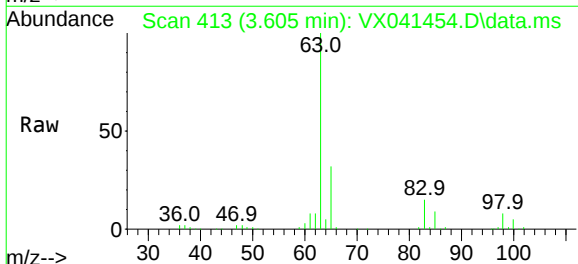
Manual Integrations
 APPROVED

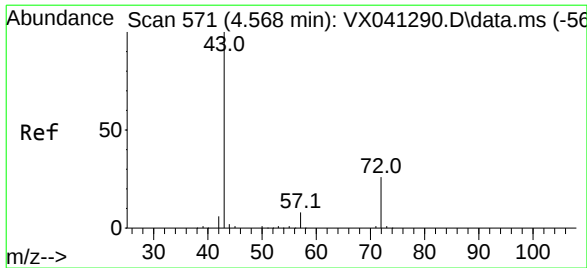
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#24
 1,1-Dichloroethane
 Concen: 58.140 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041454.D
 Acq: 10 May 2024 12:49

Tgt Ion: 63 Resp: 149441
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 311.042 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 361380

Ion Ratio Lower Upper

43 100

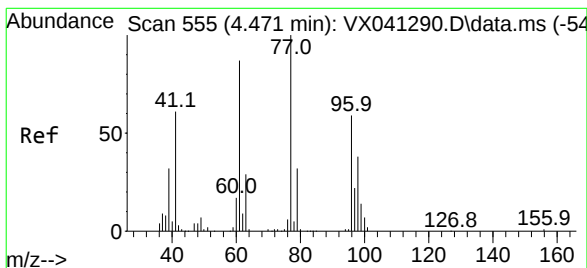
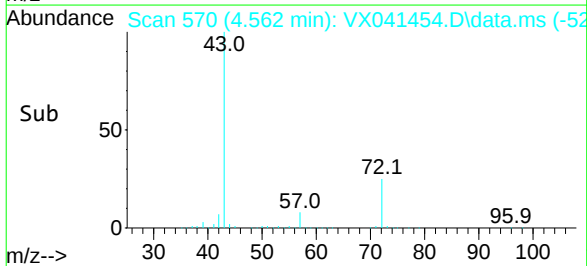
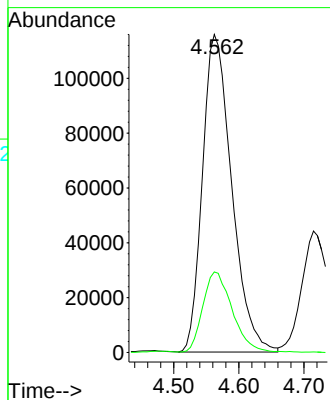
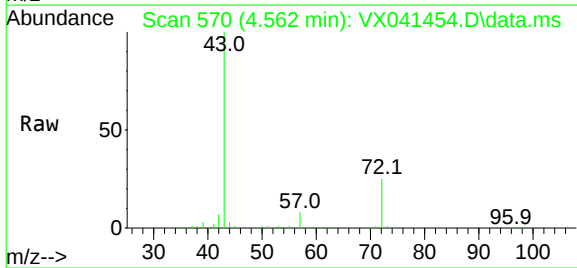
72 25.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#26

2,2-Dichloropropane

Concen: 58.638 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX041454.D

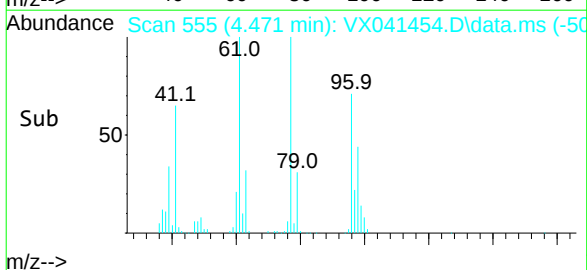
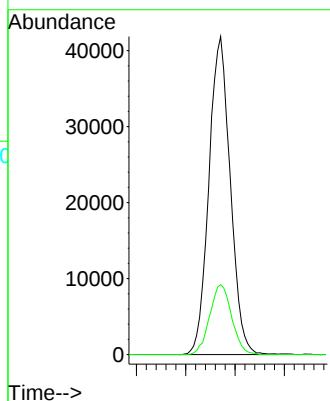
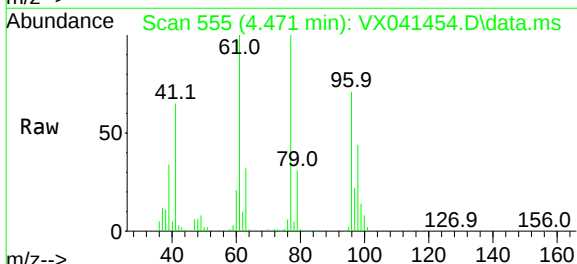
Acq: 10 May 2024 12:49

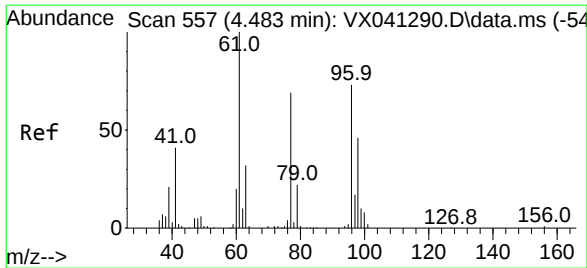
Tgt Ion: 77 Resp: 126018

Ion Ratio Lower Upper

77 100

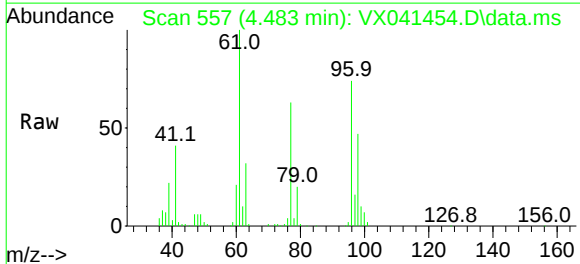
97 22.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 58.460 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX041454.D
 Acq: 10 May 2024 12:49

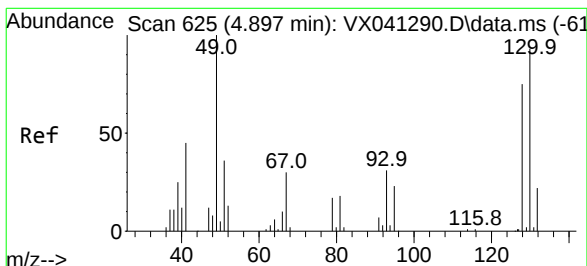
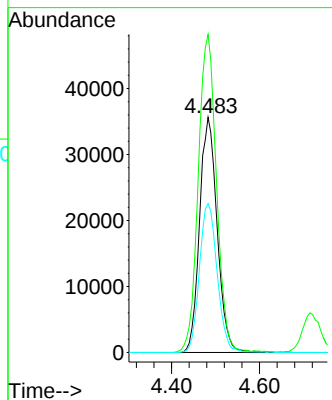
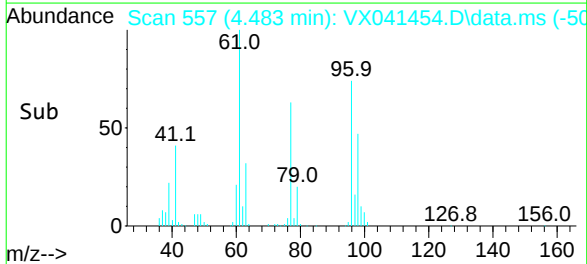
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 98842
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 312.2
 98 64.0 0.0 129.0

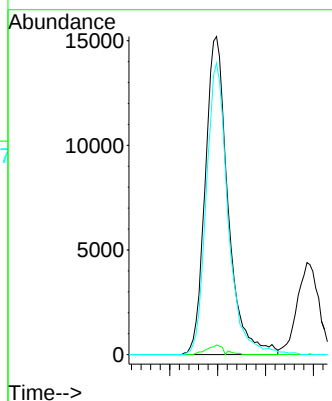
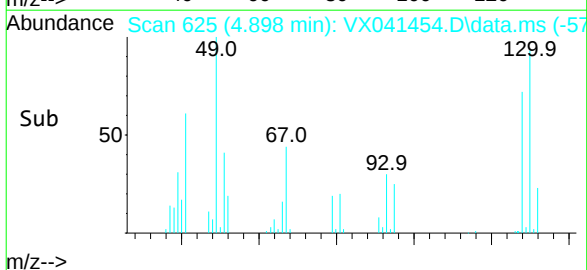
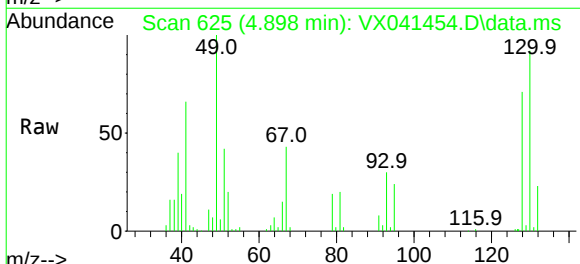
Manual Integrations
 APPROVED

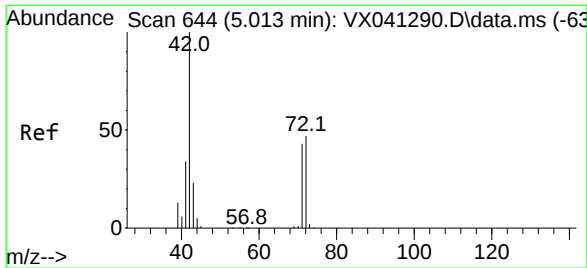
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#28
 Bromochloromethane
 Concen: 54.694 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX041454.D
 Acq: 10 May 2024 12:49

Tgt Ion: 49 Resp: 50173
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 88.0 57.5 86.3#





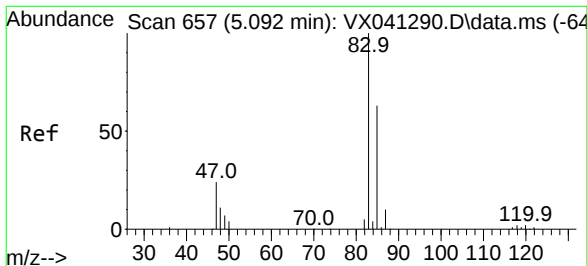
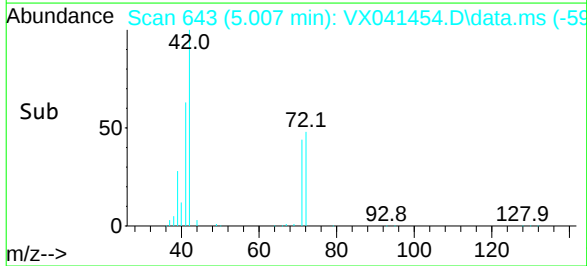
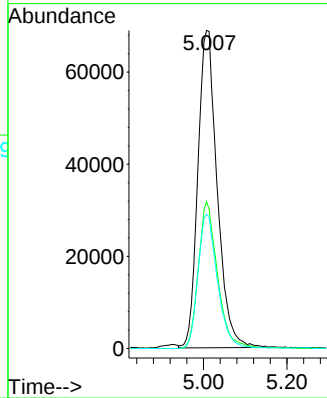
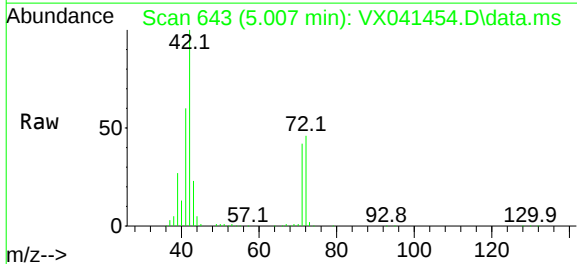
#29
Tetrahydrofuran
Concen: 291.402 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 221418
Ion Ratio Lower Upper
42 100
72 45.8 34.2 51.4
71 42.6 32.2 48.2

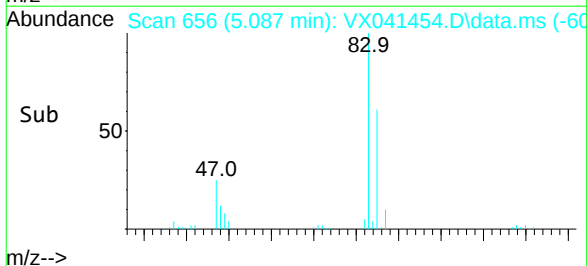
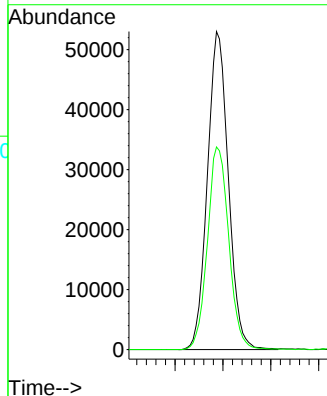
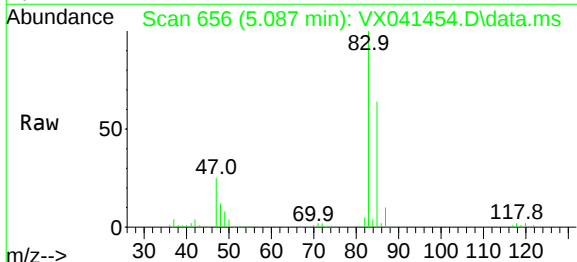
Manual Integrations
APPROVED

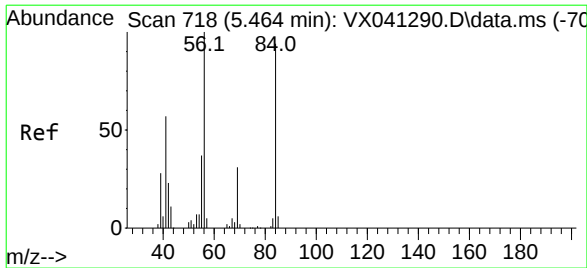
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#30
Chloroform
Concen: 60.262 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 83 Resp: 161149
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5





#31

Cyclohexane

Concen: 56.394 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 122180

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.2

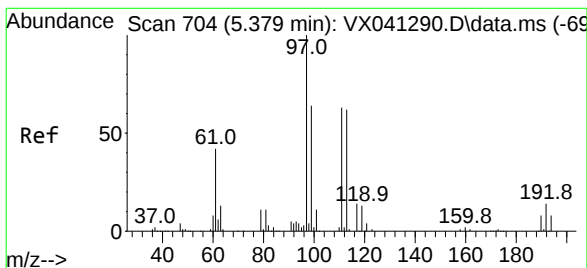
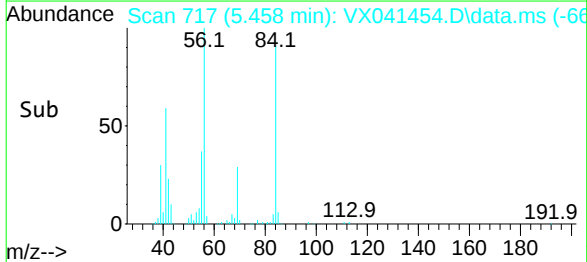
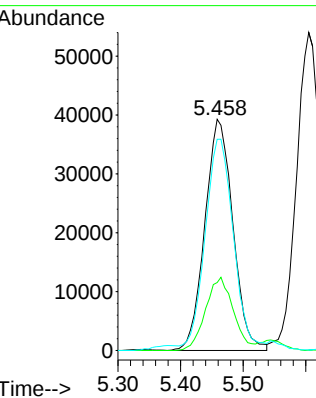
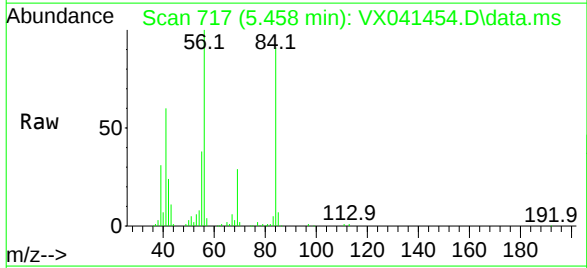
84 89.2 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#32

1,1,1-Trichloroethane

Concen: 58.979 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

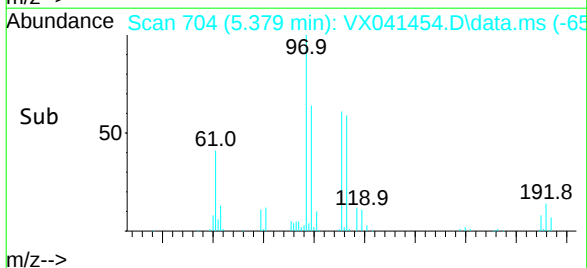
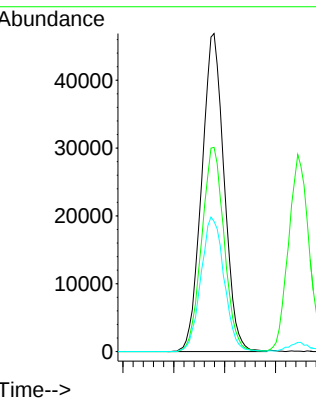
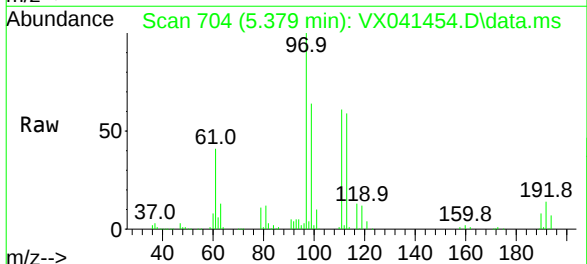
Tgt Ion: 97 Resp: 143492

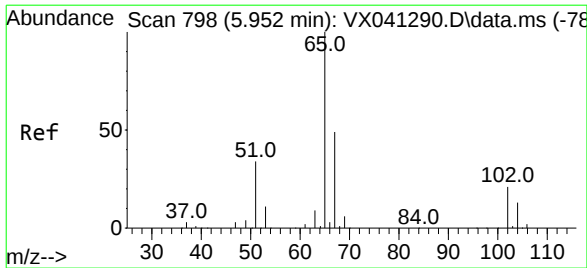
Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 43.7 36.4 54.6





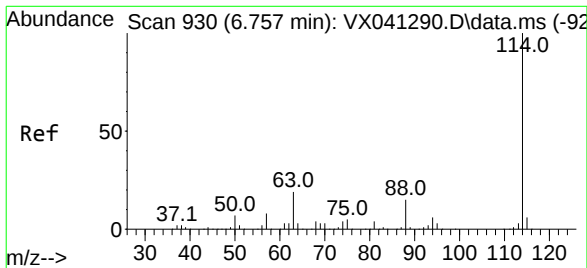
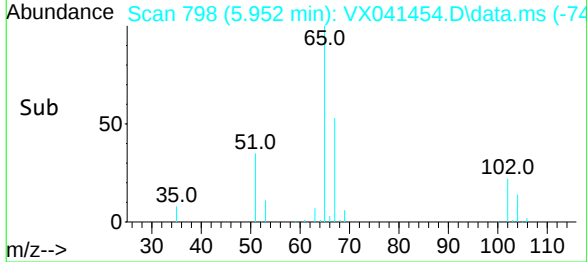
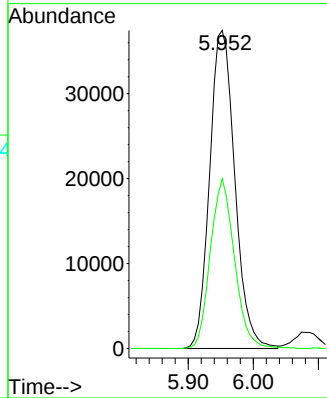
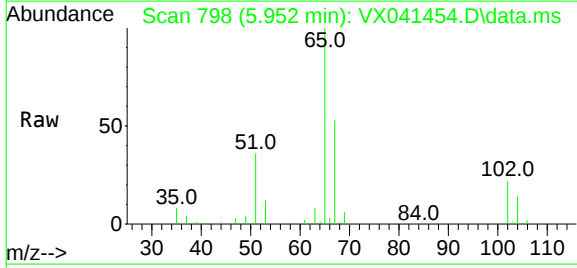
#33
1,2-Dichloroethane-d4
Concen: 56.073 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 100657
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

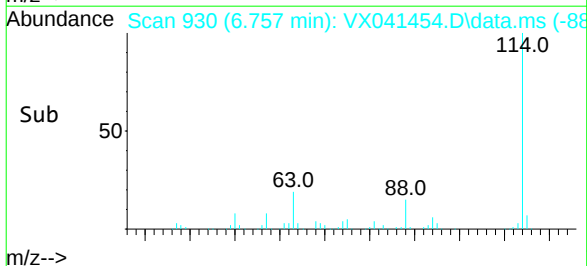
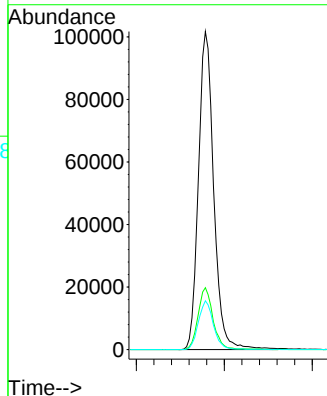
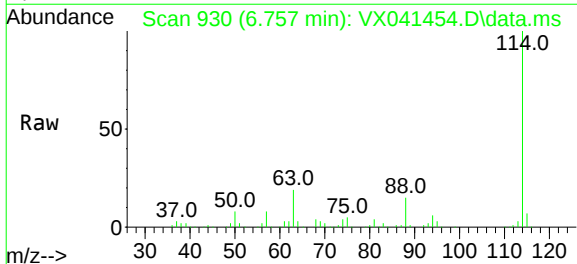
Manual Integrations
APPROVED

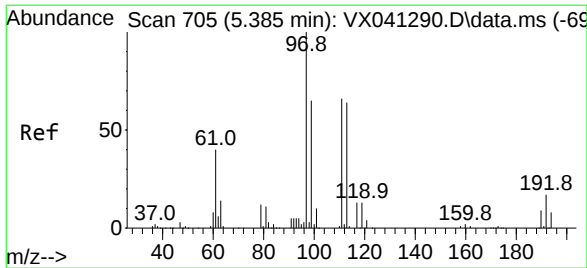
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion:114 Resp: 245368
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.632 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 82528

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

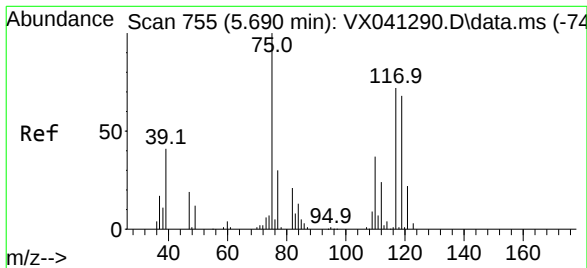
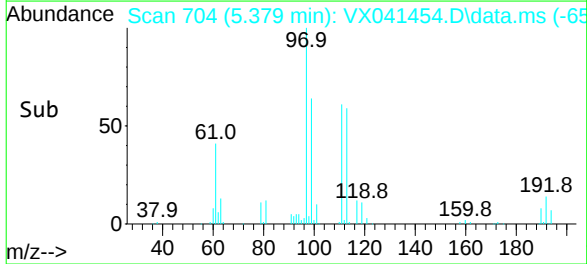
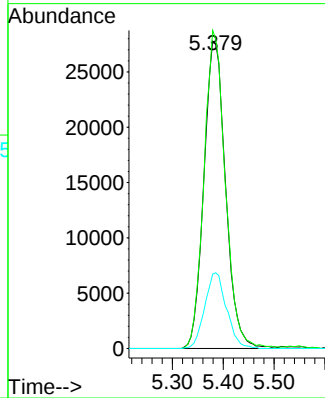
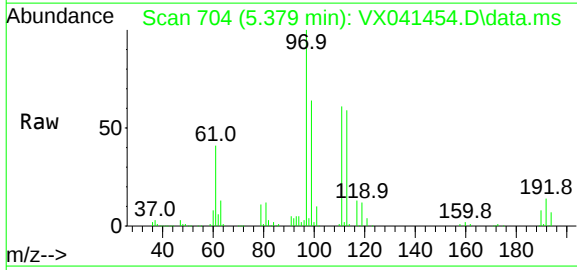
192 24.7 13.3 19.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#36

1,1-Dichloropropene

Concen: 51.622 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

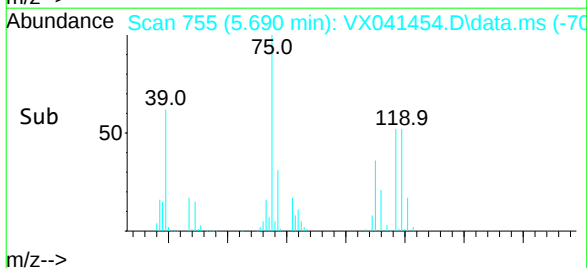
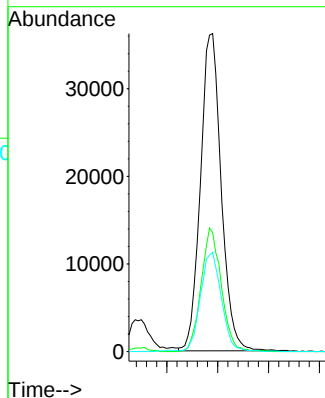
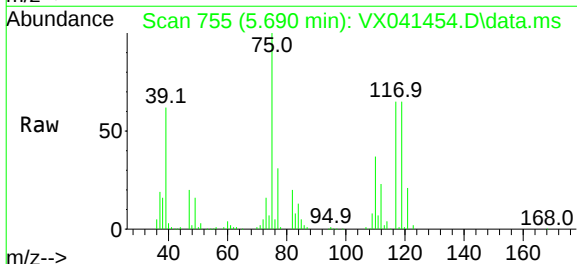
Tgt Ion: 75 Resp: 102639

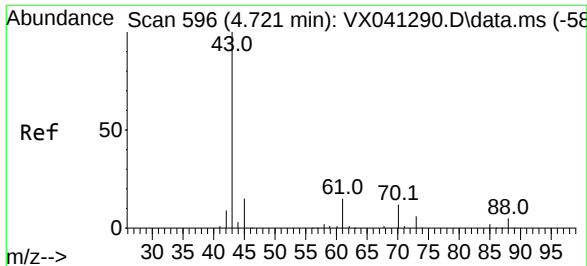
Ion Ratio Lower Upper

75 100

110 37.8 17.0 50.9

77 31.4 24.7 37.1





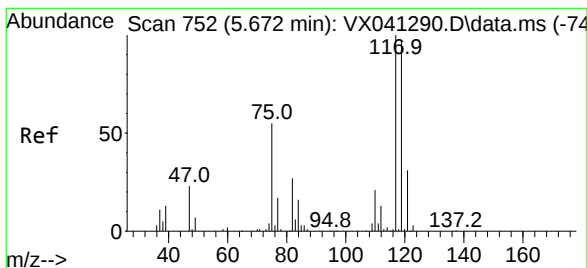
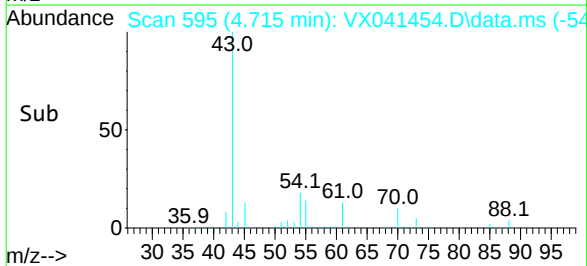
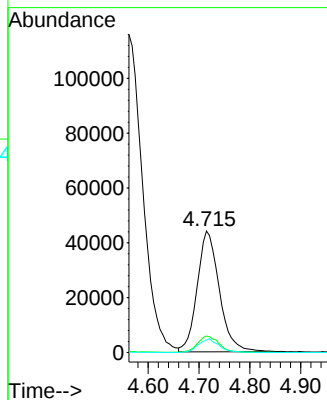
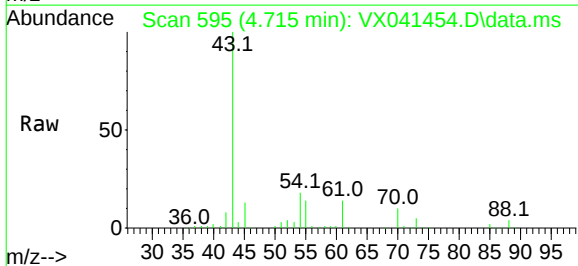
#37
Ethyl Acetate
Concen: 53.762 ug/l
RT: 4.715 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.6	16.0
70	10.4	8.3	12.5

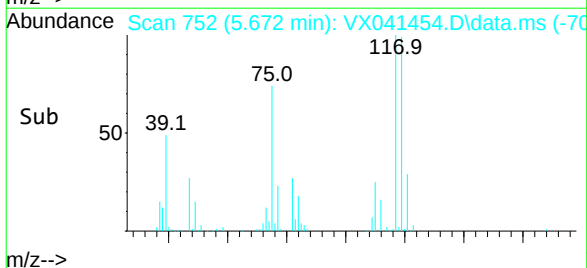
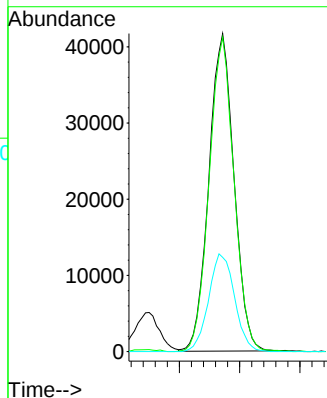
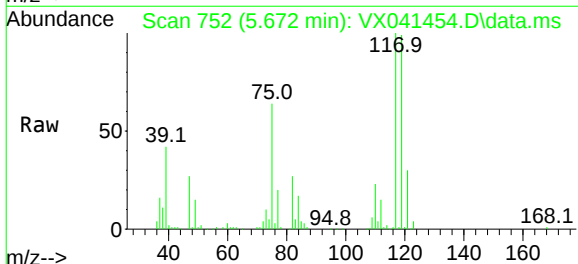
Manual Integrations
APPROVED

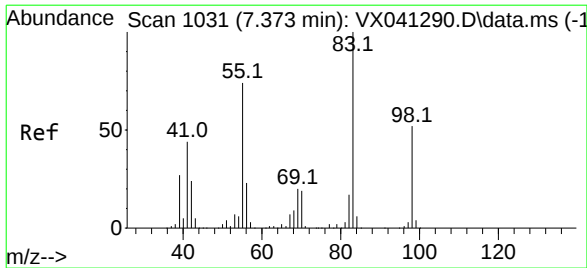
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#38
Carbon Tetrachloride
Concen: 53.026 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.2	117.2
121	29.7	24.4	36.6





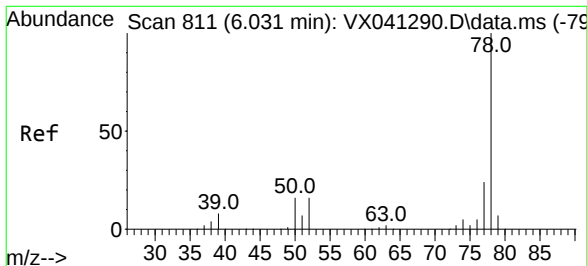
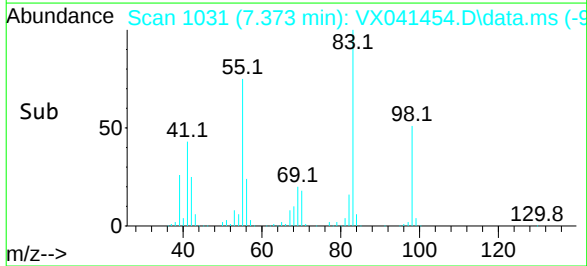
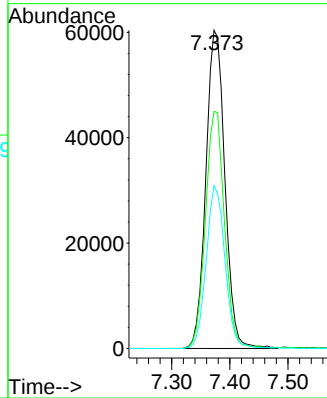
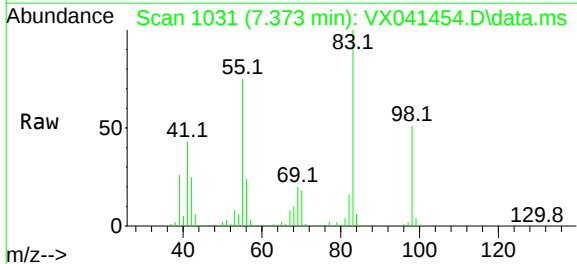
#39
Methylcyclohexane
Concen: 58.738 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 137205
Ion Ratio Lower Upper
83 100
55 74.5 64.6 97.0
98 51.2 36.7 55.1

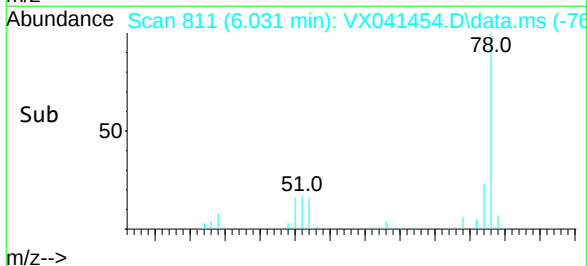
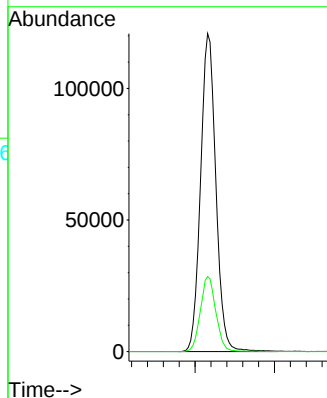
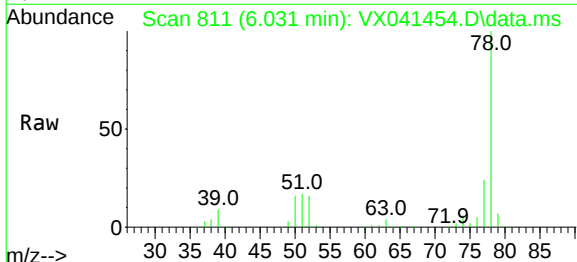
Manual Integrations
APPROVED

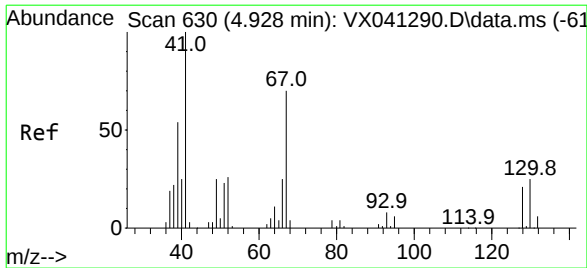
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#40
Benzene
Concen: 52.702 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 78 Resp: 323029
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





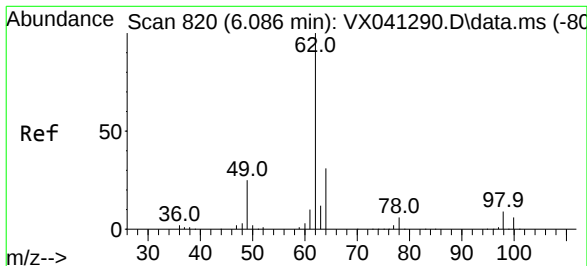
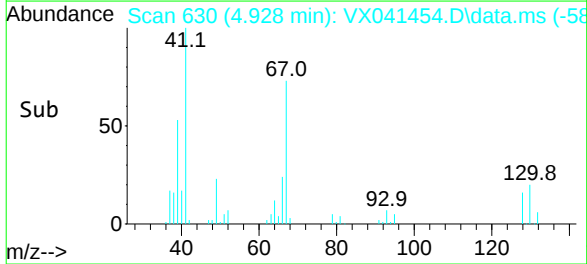
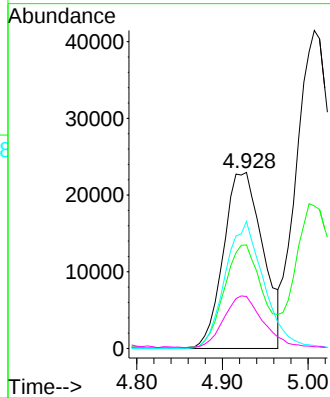
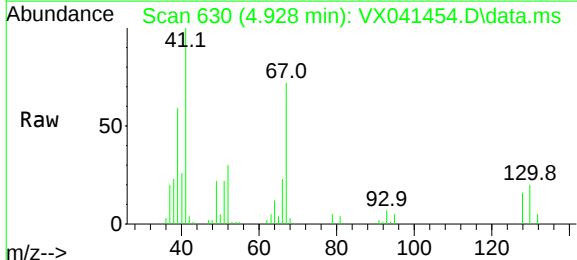
#41
Methacrylonitrile
Concen: 57.581 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	73523
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.2	67.8
67	70.8	52.6	78.8
52	29.8	22.7	34.1

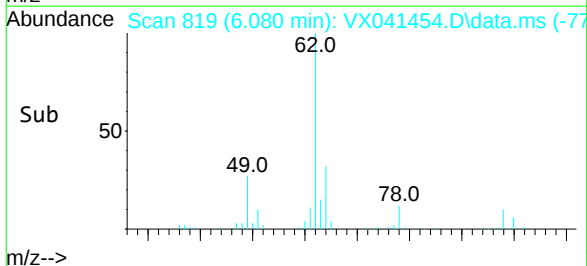
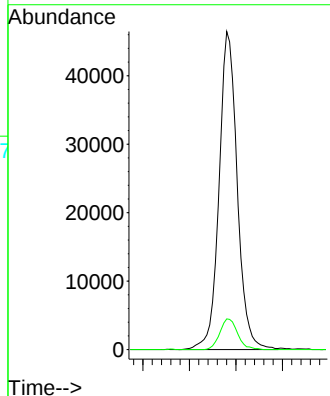
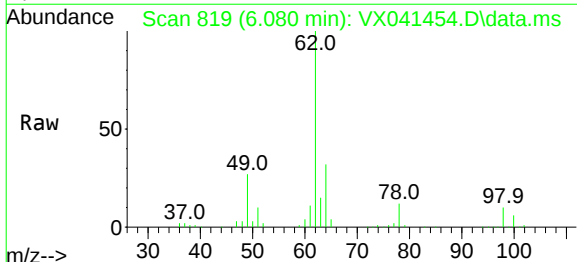
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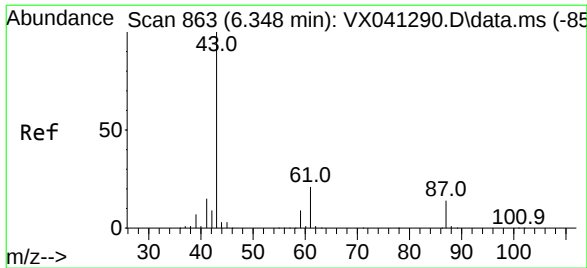
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#42
1,2-Dichloroethane
Concen: 56.195 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion:	62	Resp:	126234
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 55.613 ug/l

RT: 6.342 min Scan# 863

Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 207443

Ion Ratio Lower Upper

43 100

61 19.1 15.2 22.8

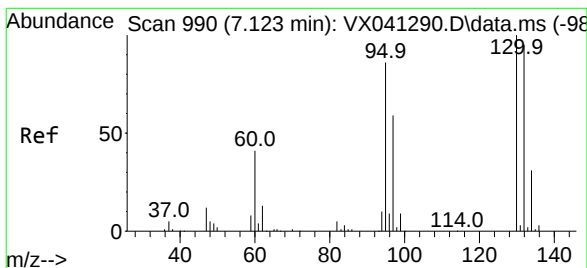
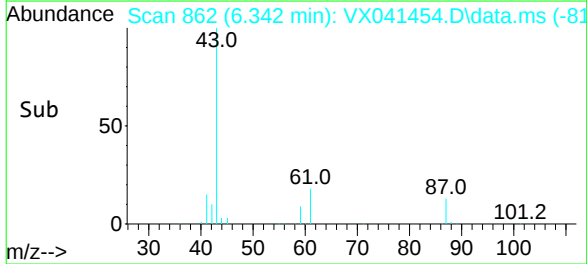
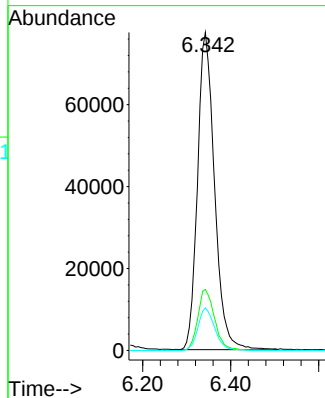
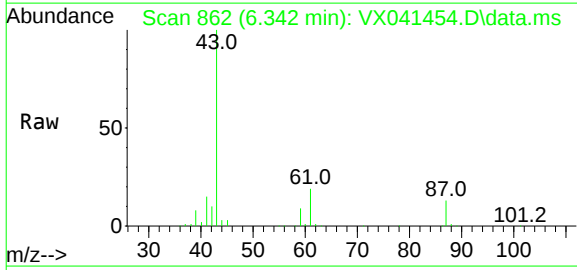
87 13.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#44

Trichloroethene

Concen: 56.932 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041454.D

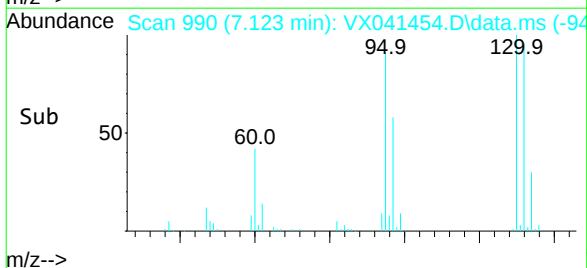
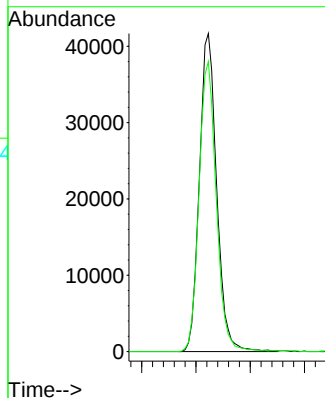
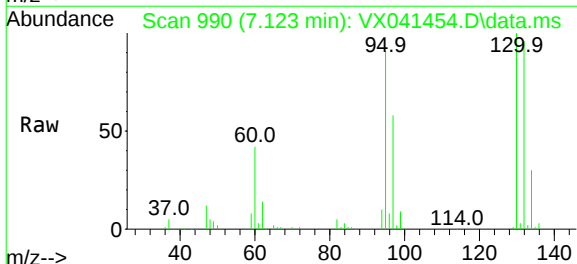
Acq: 10 May 2024 12:49

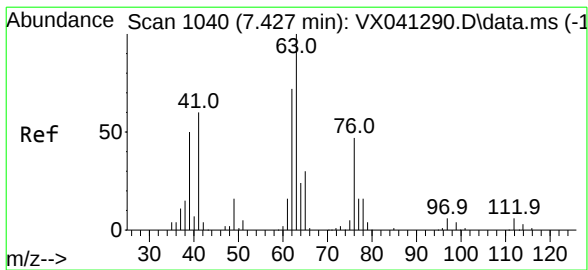
Tgt Ion:130 Resp: 92146

Ion Ratio Lower Upper

130 100

95 91.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 60.379 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 82687

Ion Ratio Lower Upper

63 100

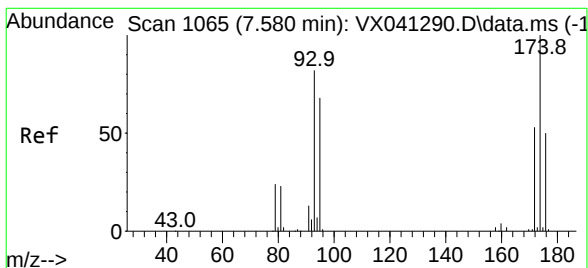
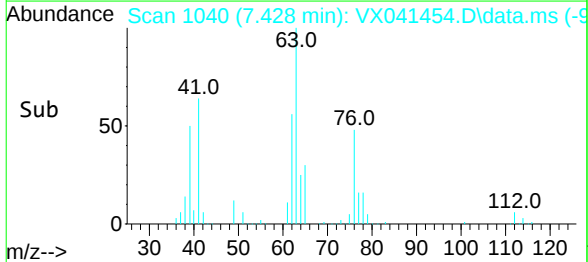
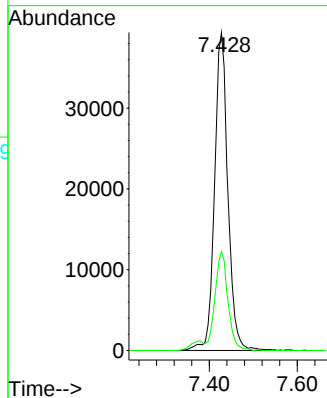
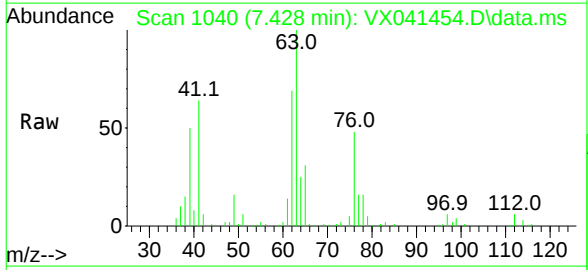
65 31.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#46

Dibromomethane

Concen: 56.113 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

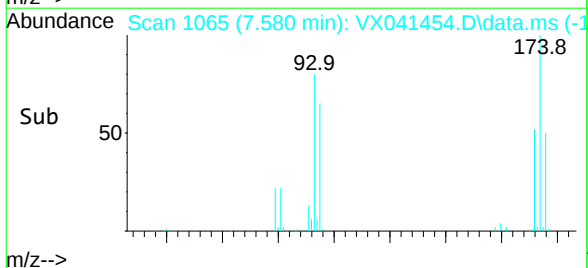
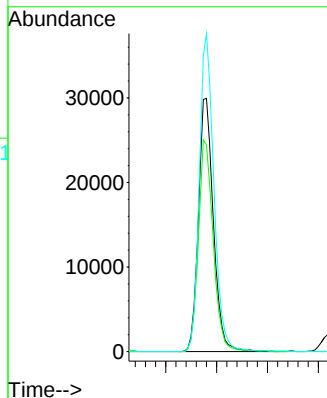
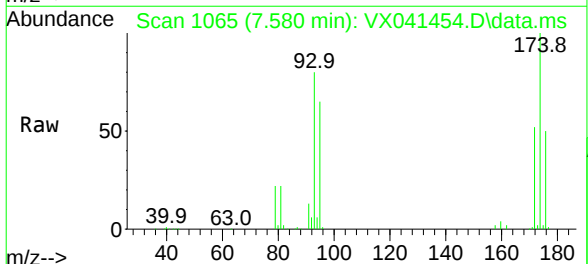
Tgt Ion: 93 Resp: 61174

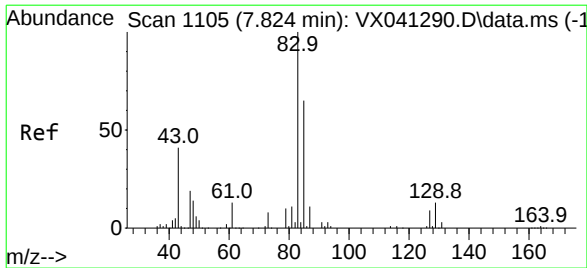
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 121.9 69.4 104.0#





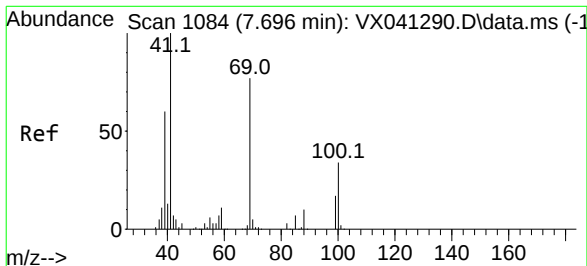
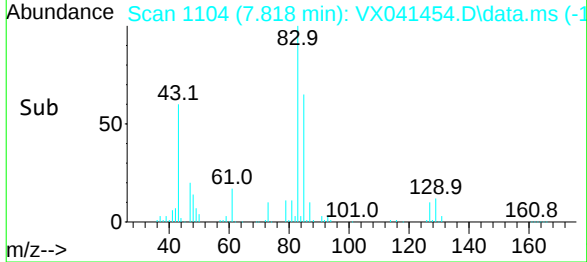
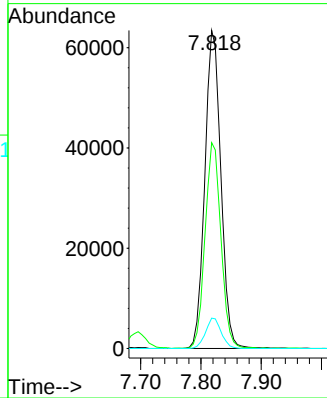
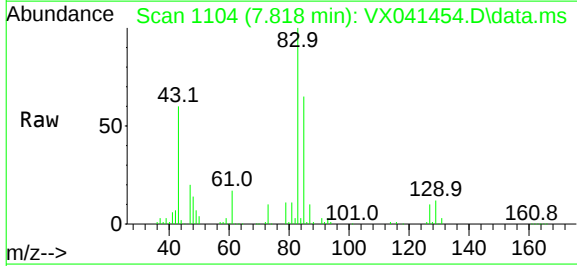
#47
Bromodichloromethane
Concen: 60.411 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 117362
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 9.5 7.1 10.7

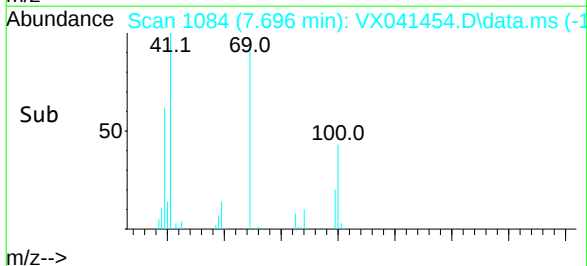
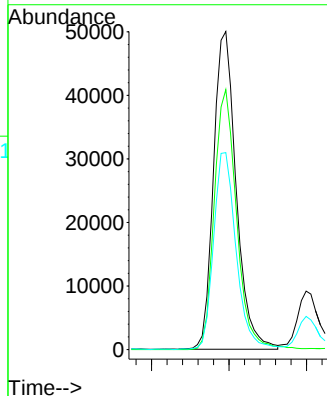
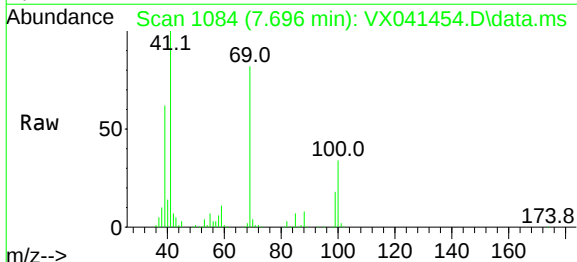
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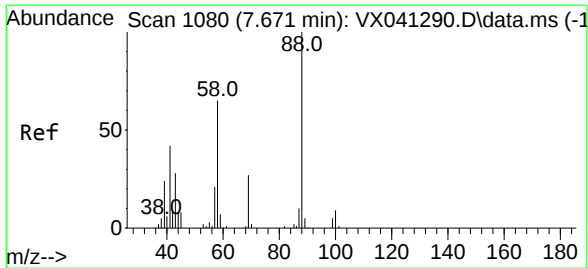
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#48
Methyl methacrylate
Concen: 59.473 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

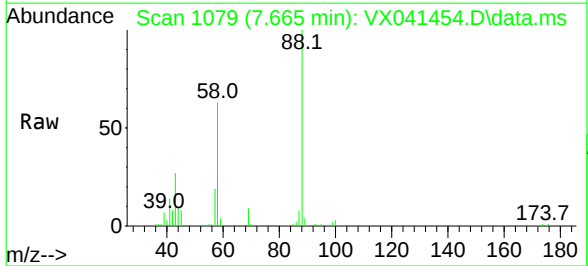
Tgt Ion: 41 Resp: 101694
Ion Ratio Lower Upper
41 100
69 80.4 59.2 88.8
39 61.8 47.7 71.5





#49
1,4-Dioxane
Concen: 1129.971 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

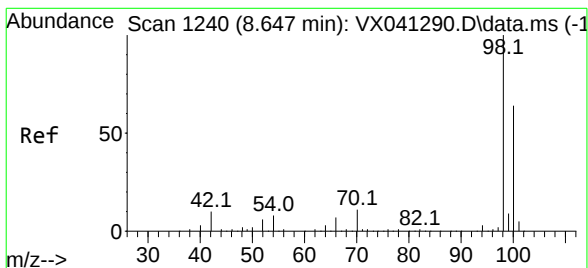
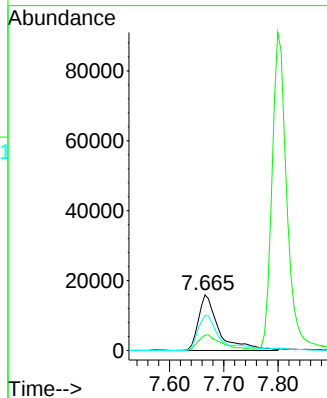
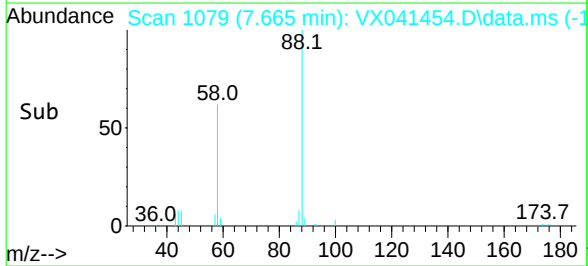
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 88 Resp: 41774
Ion Ratio Lower Upper
88 100
43 33.0 0.0 0.0#
58 67.2 60.1 90.1

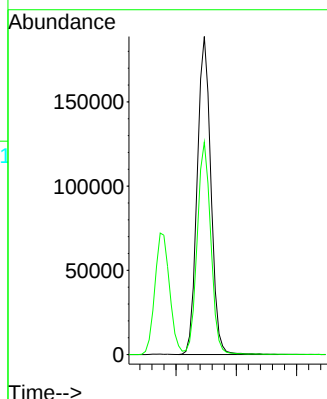
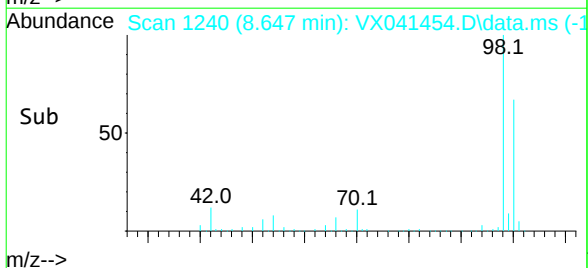
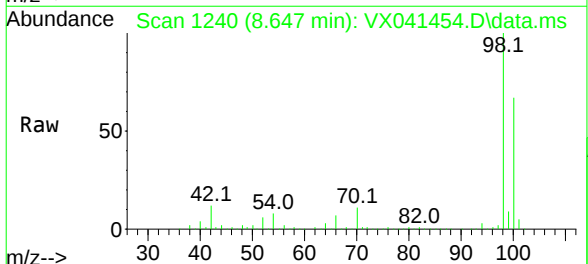
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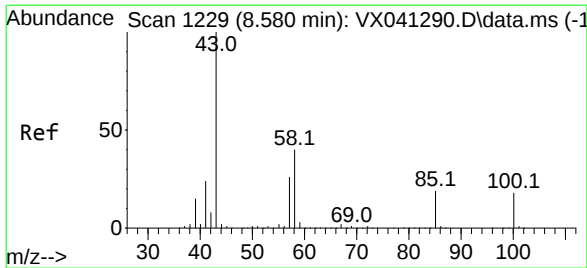
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#50
Toluene-d8
Concen: 56.560 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 98 Resp: 297670
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





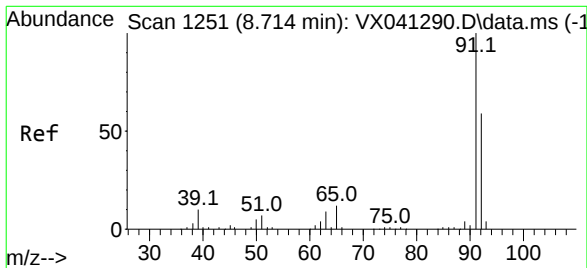
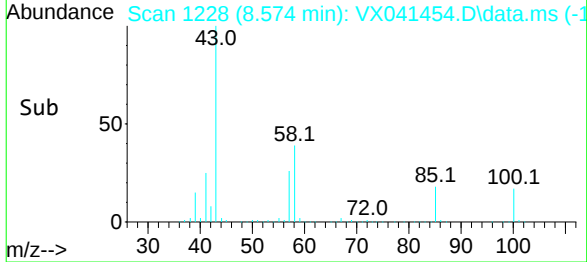
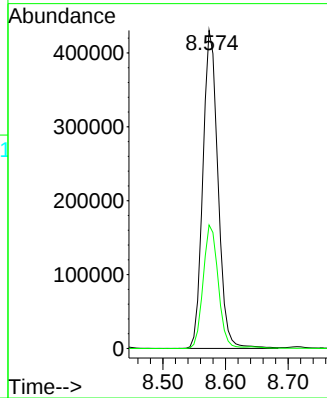
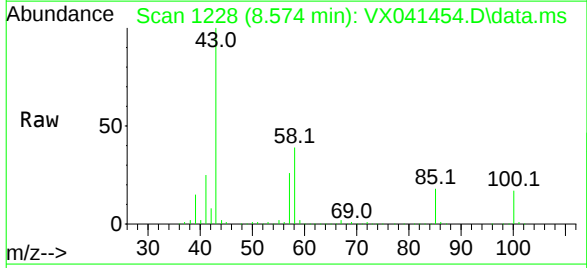
#51
4-Methyl-2-Pentanone
Concen: 322.854 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 722632
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

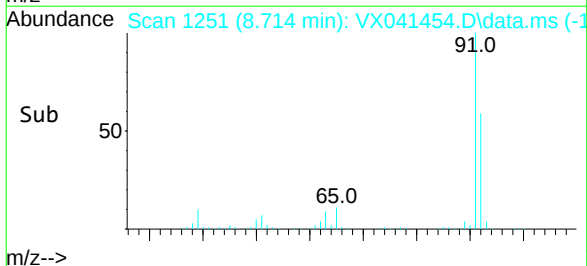
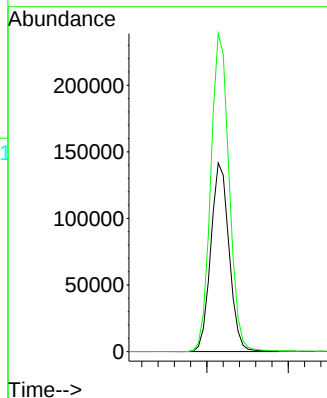
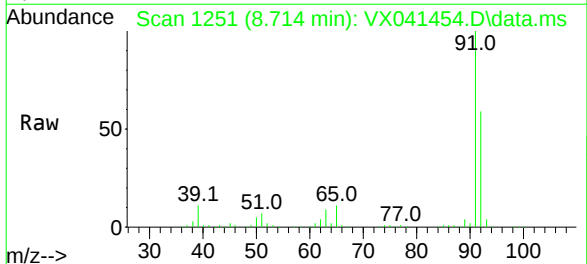
Manual Integrations
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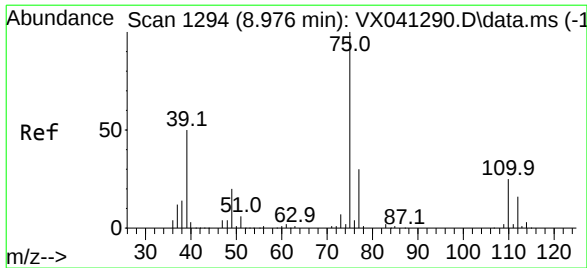
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#52
Toluene
Concen: 59.074 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 92 Resp: 221499
Ion Ratio Lower Upper
92 100
91 169.4 134.2 201.2





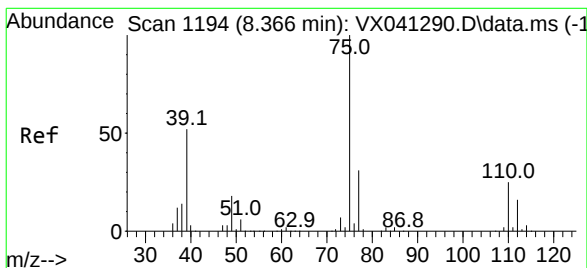
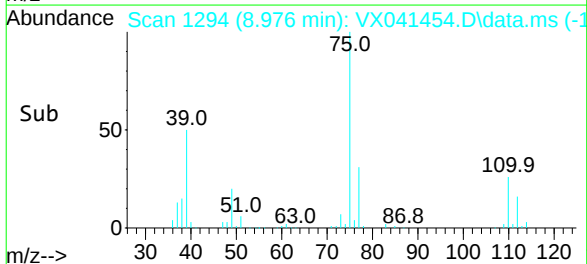
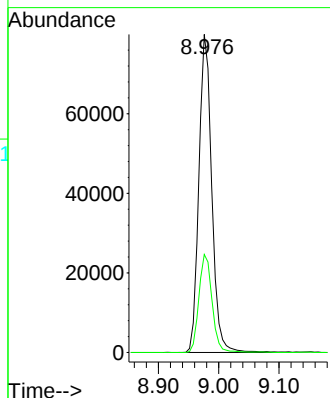
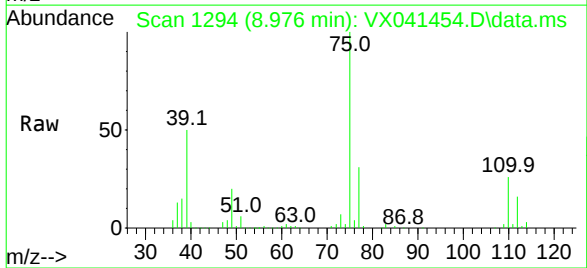
#53
t-1,3-Dichloropropene
Concen: 52.356 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 118513
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

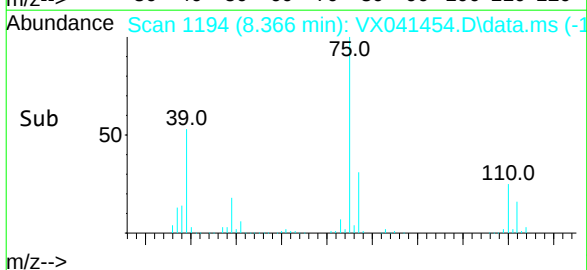
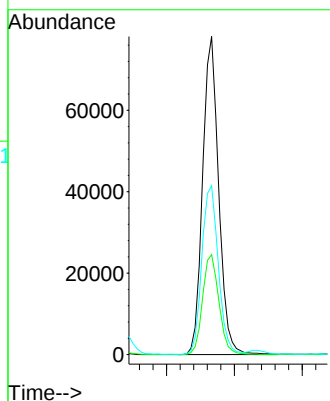
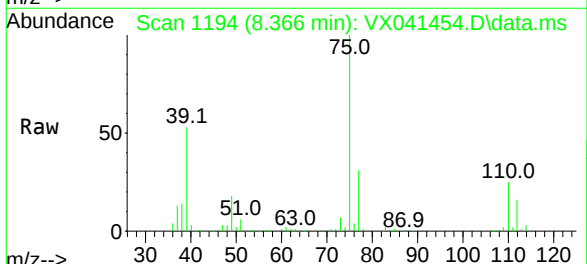
Manual Integrations
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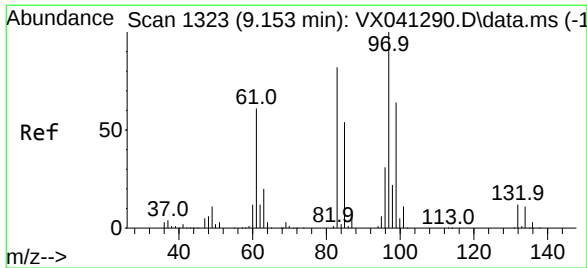
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#54
cis-1,3-Dichloropropene
Concen: 60.139 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

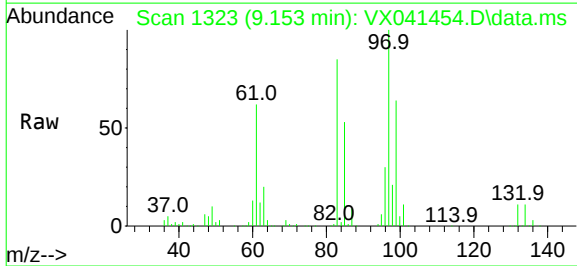
Tgt Ion: 75 Resp: 128444
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 53.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 61.135 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

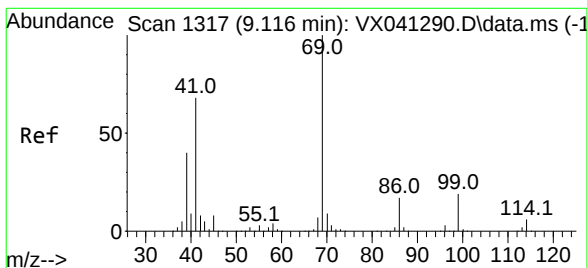
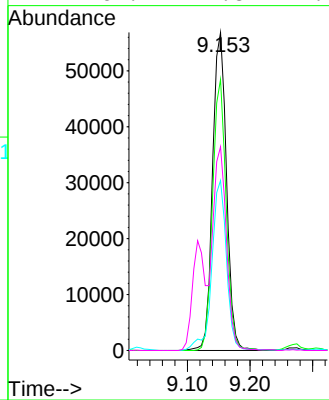
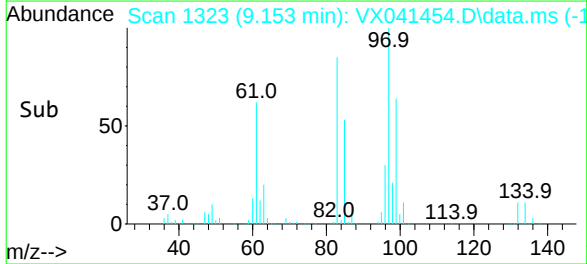
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	88276
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.8	98.8
85	53.4	41.6	62.4
99	64.1	47.8	71.8

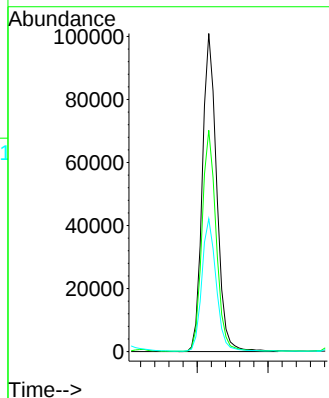
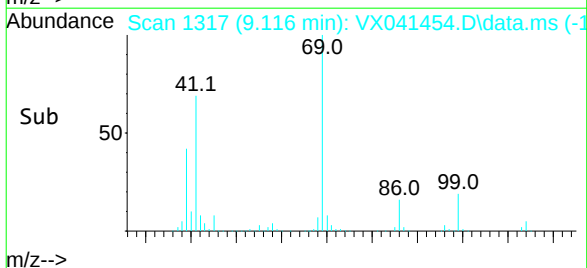
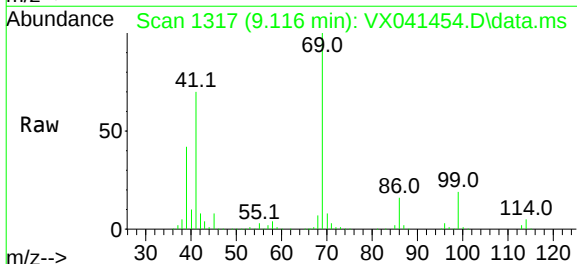
Manual Integrations
APPROVED

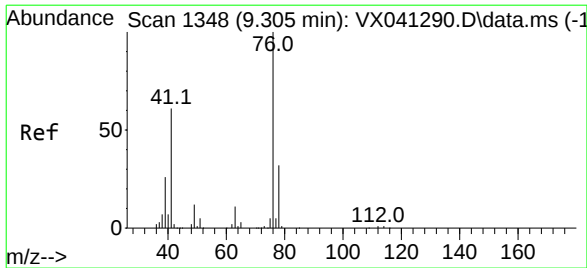
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#56
Ethyl methacrylate
Concen: 63.898 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion:	69	Resp:	142795
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.8	85.2
39	41.6	32.0	48.0





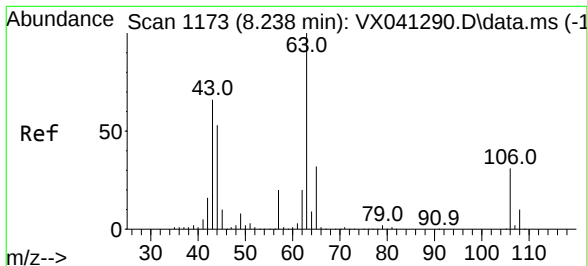
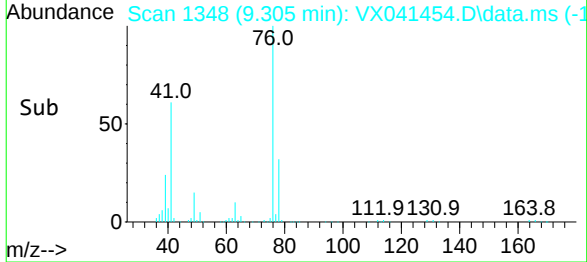
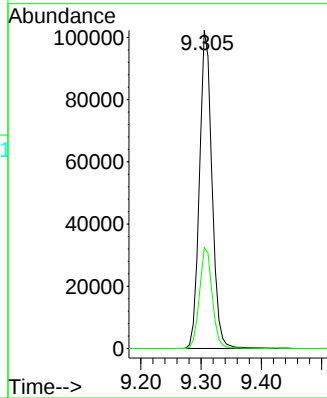
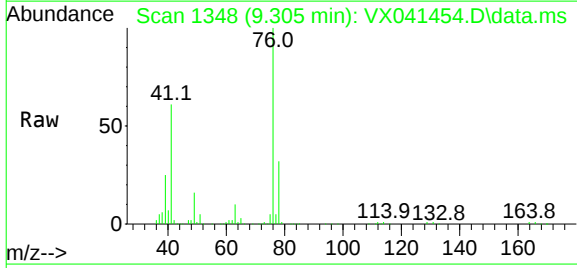
#57
1,3-Dichloropropane
Concen: 61.044 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 147109
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

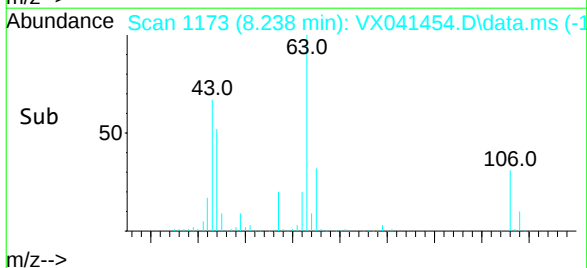
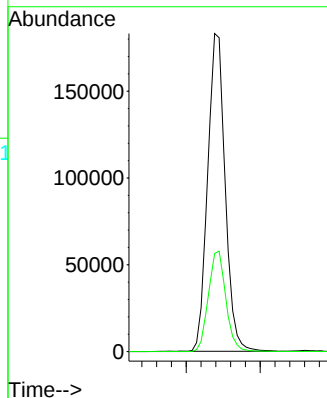
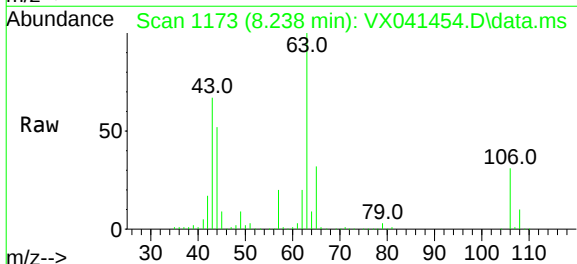
Manual Integrations
APPROVED

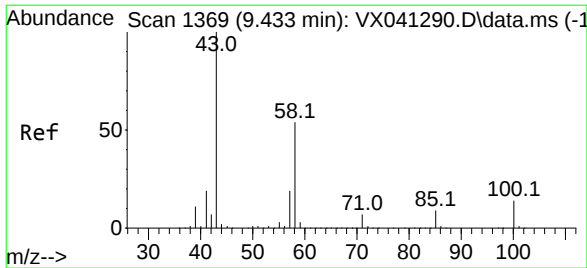
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 277.596 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 63 Resp: 300795
Ion Ratio Lower Upper
63 100
106 31.7 22.5 33.7





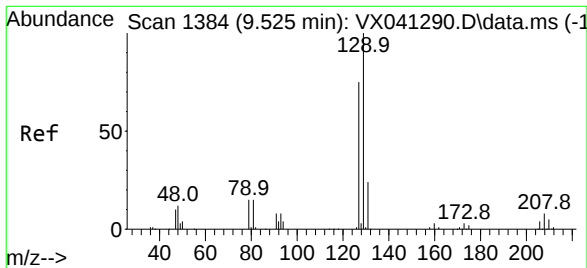
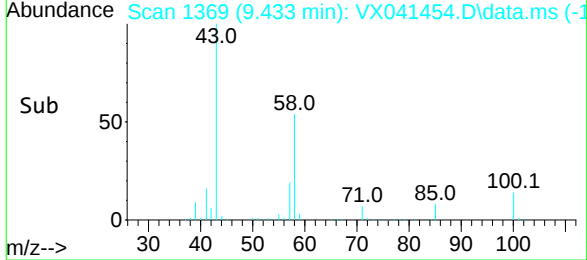
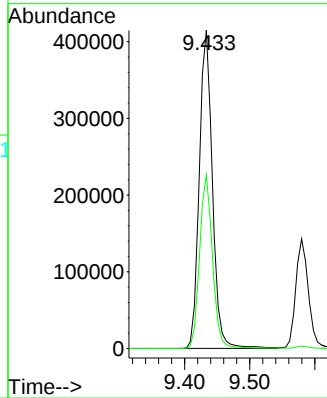
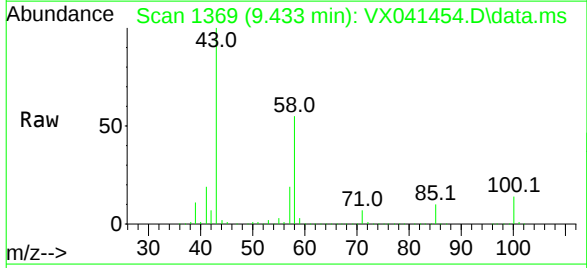
#59
2-Hexanone
Concen: 324.071 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 580019
Ion Ratio Lower Upper
43 100
58 53.9 26.2 78.5

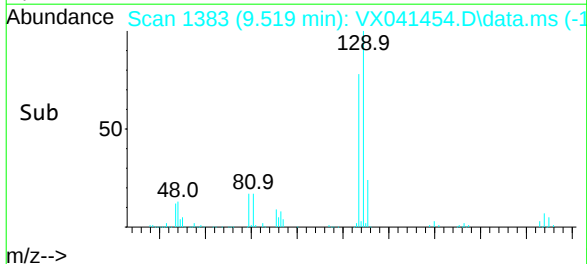
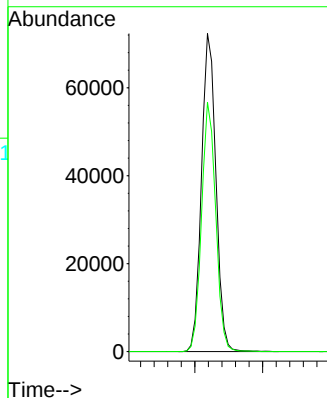
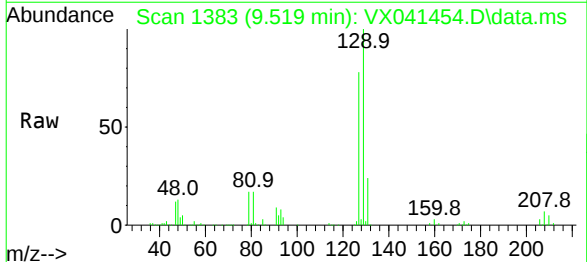
Manual Integrations
APPROVED

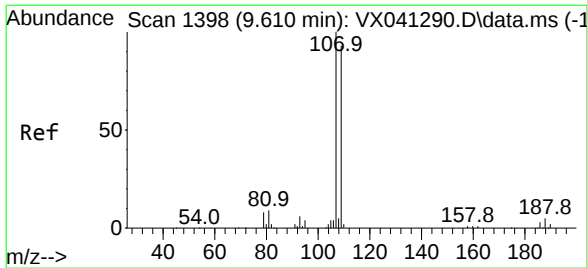
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#60
Dibromochloromethane
Concen: 62.851 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion:129 Resp: 106840
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





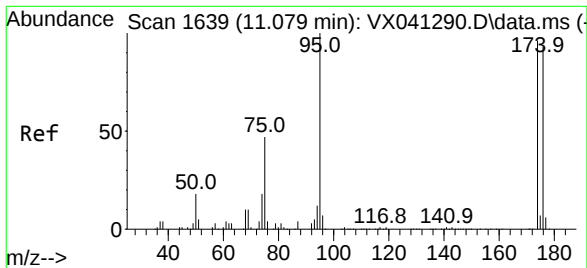
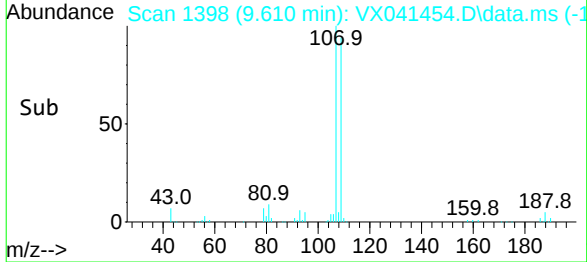
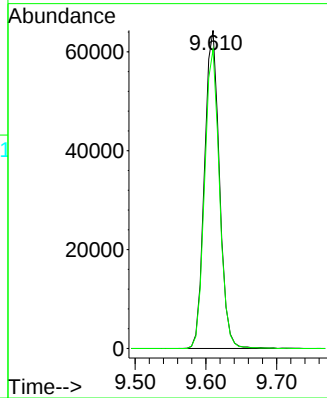
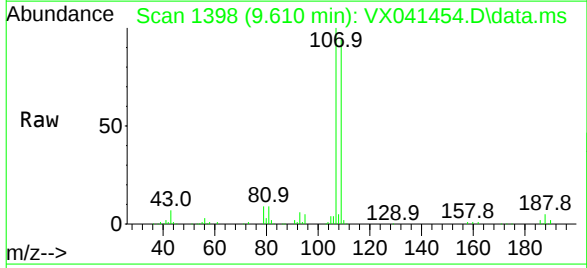
#61
1,2-Dibromoethane
Concen: 59.523 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 94557
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

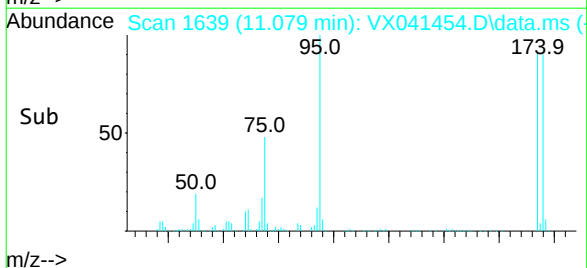
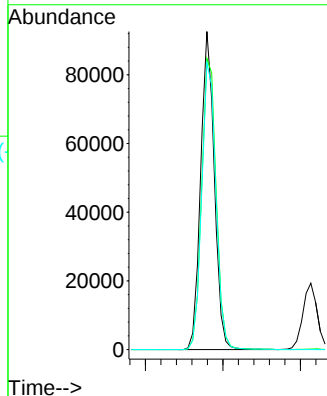
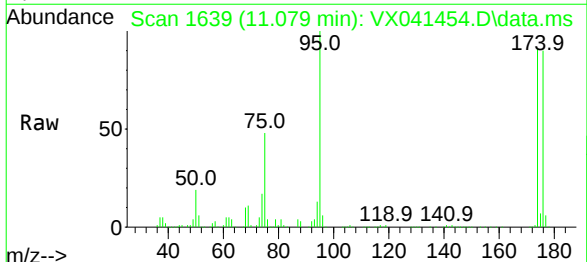
Manual Integrations
APPROVED

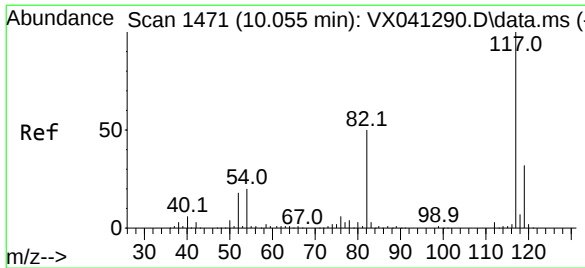
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#62
4-Bromofluorobenzene
Concen: 55.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 95 Resp: 113187
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 94.1 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: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

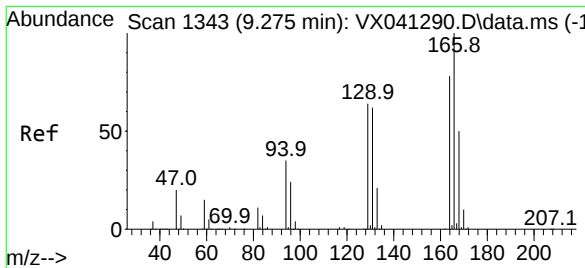
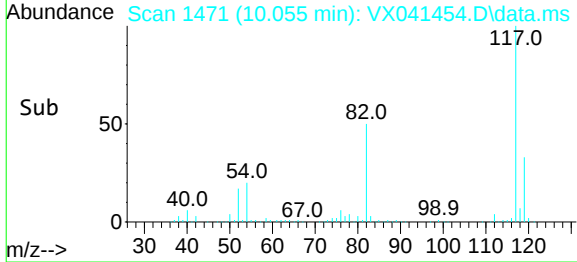
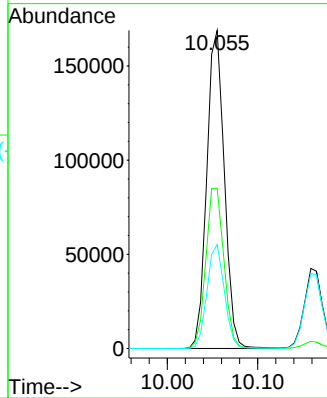
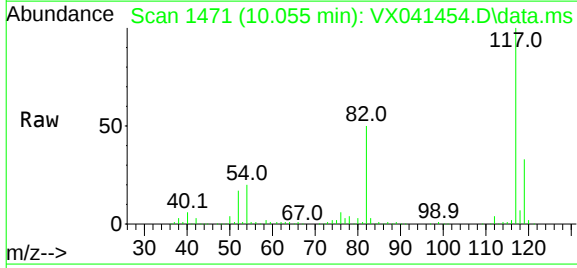
Tgt Ion:	117	Resp:	228082
Ion	Ratio	Lower	Upper
117	100		
82	50.4	46.2	69.4
119	32.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#64

Tetrachloroethene

Concen: 54.785 ug/l

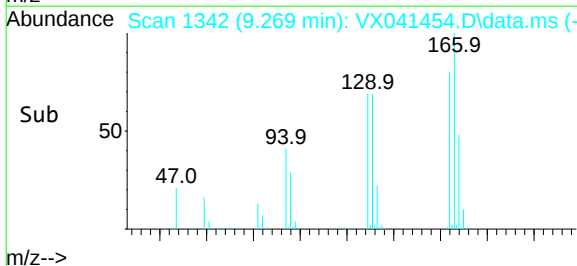
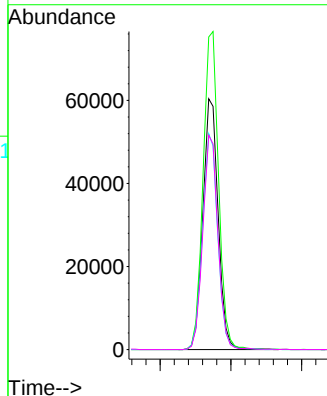
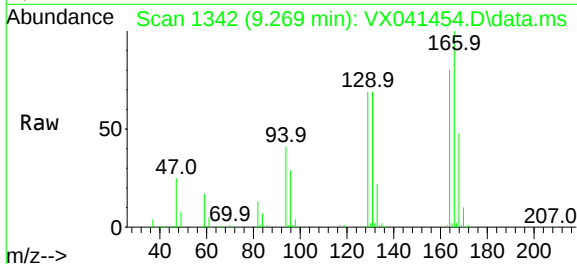
RT: 9.269 min Scan# 1342

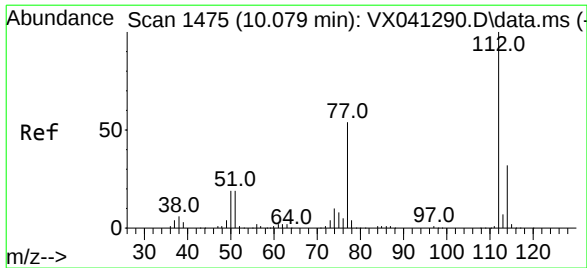
Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	164	Resp:	90484
Ion	Ratio	Lower	Upper
164	100		
166	124.7	102.7	154.1
129	86.1	80.4	120.6
131	85.4	76.5	114.7





#65

Chlorobenzene

Concen: 54.132 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 250640

Ion Ratio Lower Upper

112 100

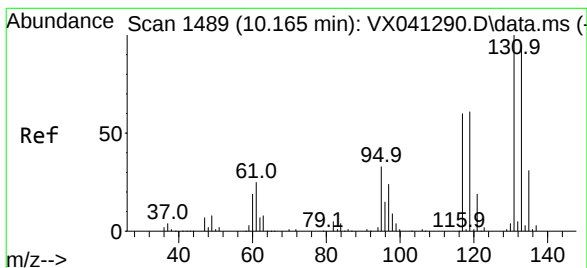
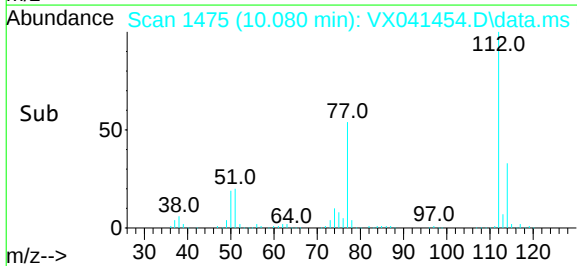
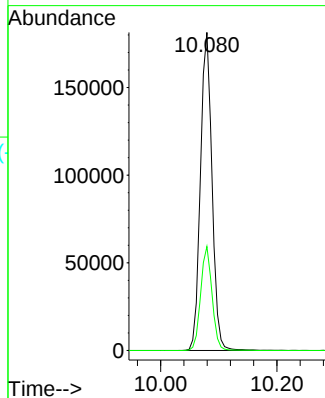
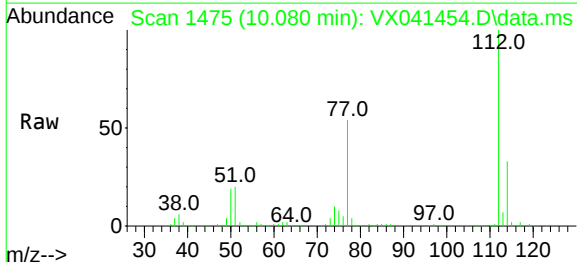
114 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 55.249 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

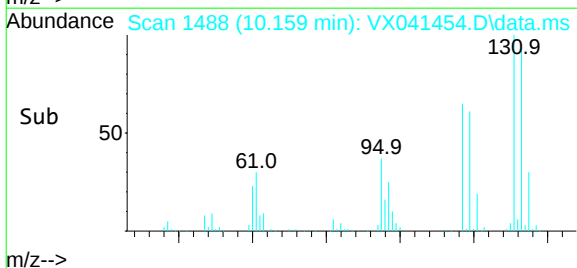
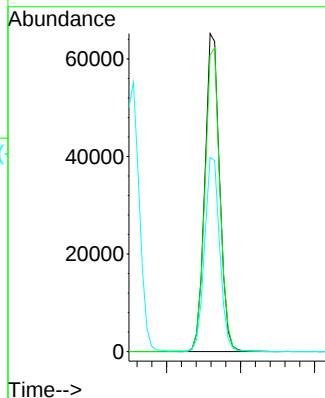
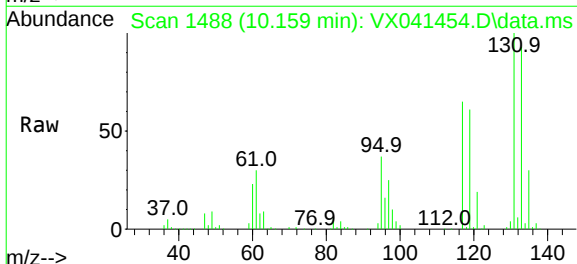
Tgt Ion:131 Resp: 90388

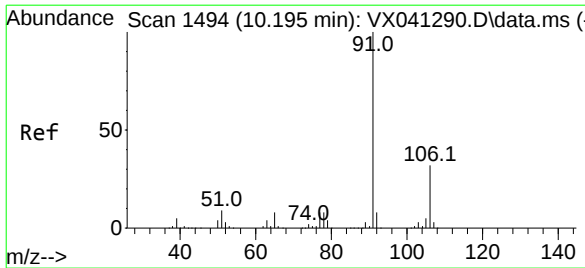
Ion Ratio Lower Upper

131 100

133 96.5 47.1 141.4

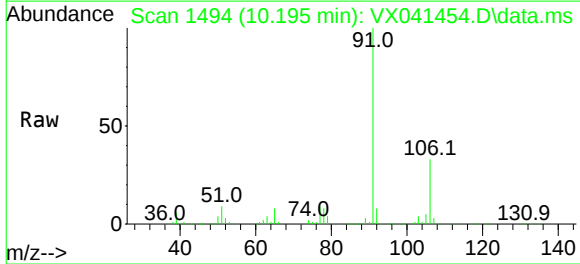
119 62.6 32.2 96.6





#67
Ethyl Benzene
Concen: 53.372 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

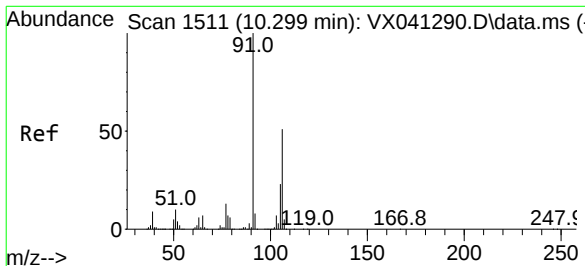
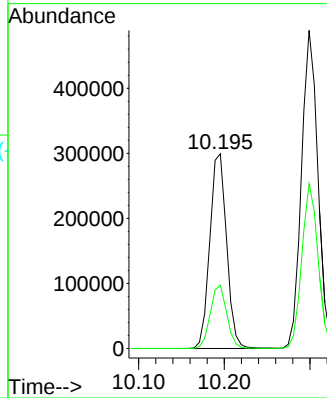
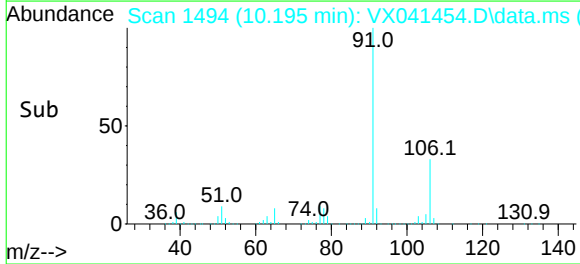
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



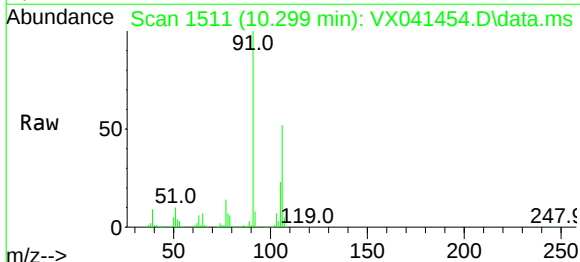
Tgt Ion: 91 Resp: 407710
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

Manual Integrations
APPROVED

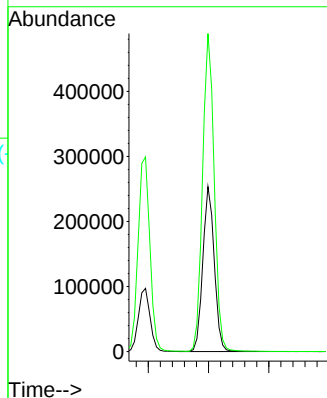
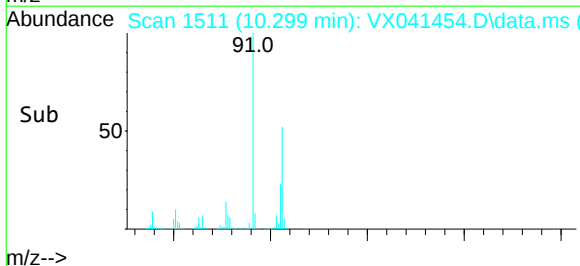
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

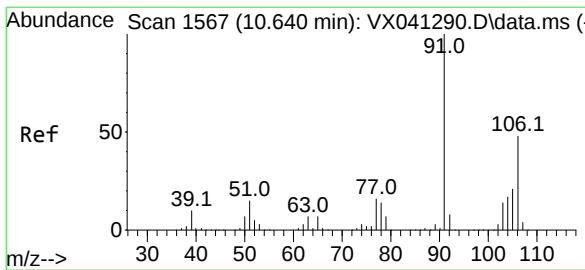


#68
m/p-Xylenes
Concen: 109.438 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49



Tgt Ion:106 Resp: 334782
Ion Ratio Lower Upper
106 100
91 195.5 165.5 248.3





#69

o-Xylene

Concen: 56.739 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 166191

Ion Ratio Lower Upper

106 100

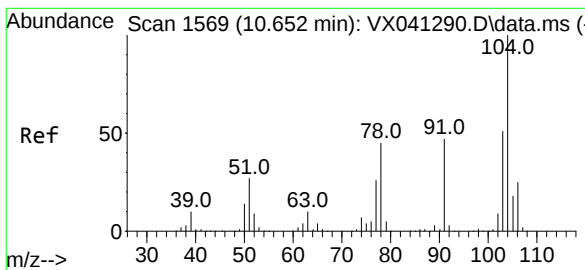
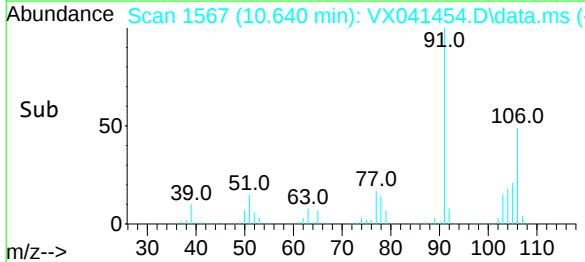
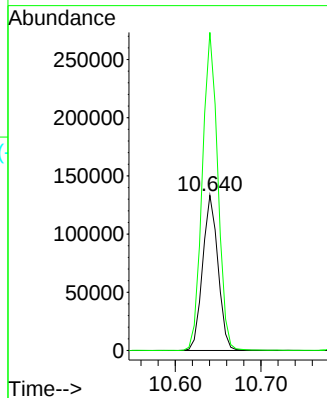
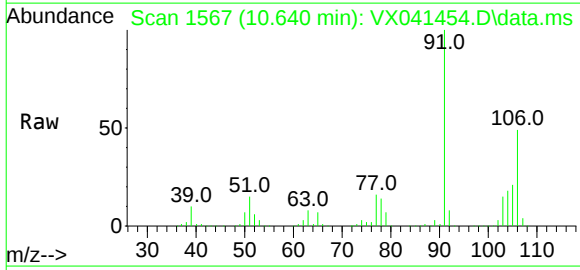
91 206.7 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#70

Styrene

Concen: 58.545 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

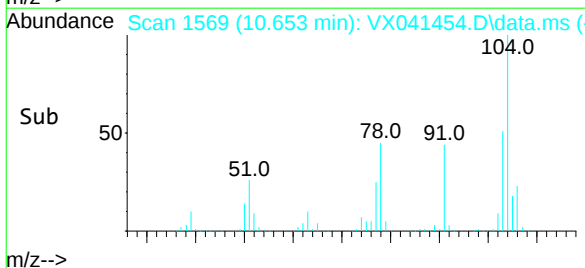
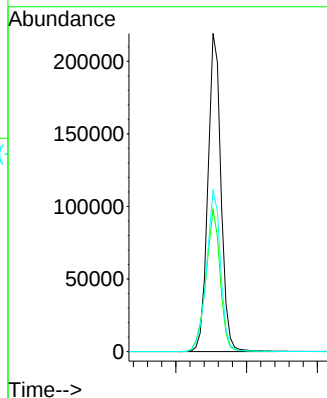
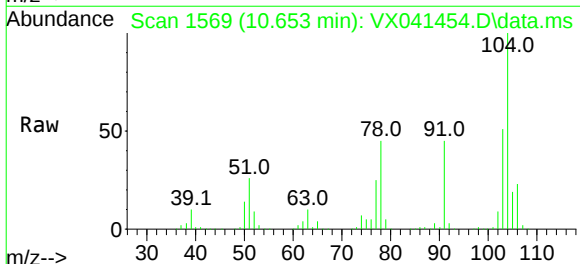
Tgt Ion:104 Resp: 281385

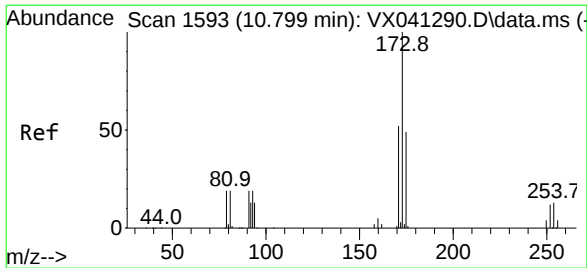
Ion Ratio Lower Upper

104 100

78 48.7 43.6 65.4

103 54.7 43.6 65.4





#71

Bromoform

Concen: 57.672 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

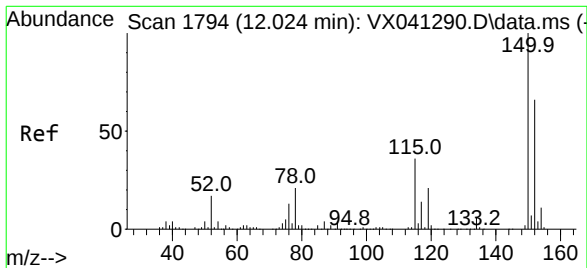
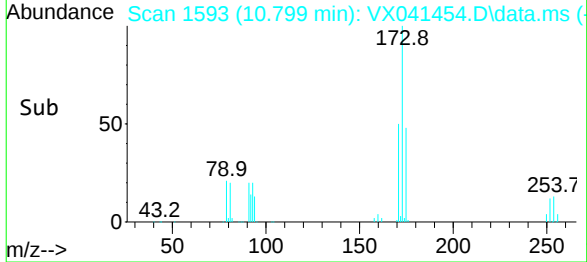
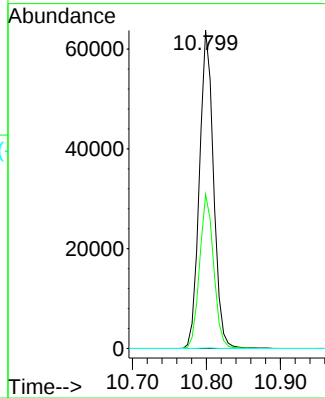
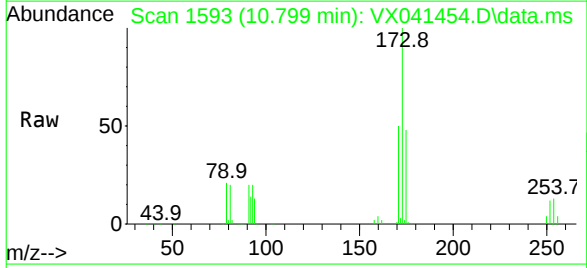
Tgt Ion:	173	Resp:	84439
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

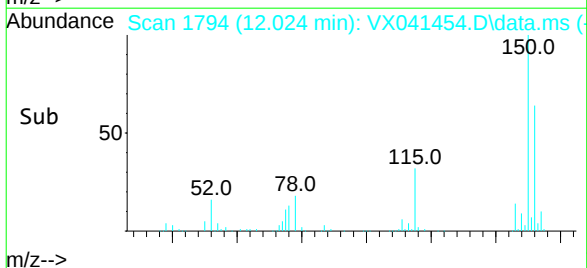
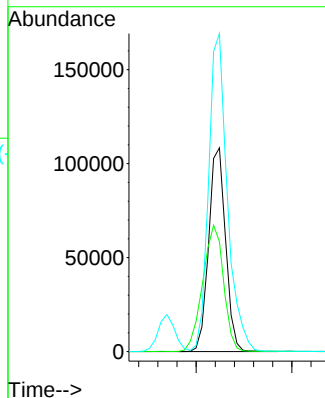
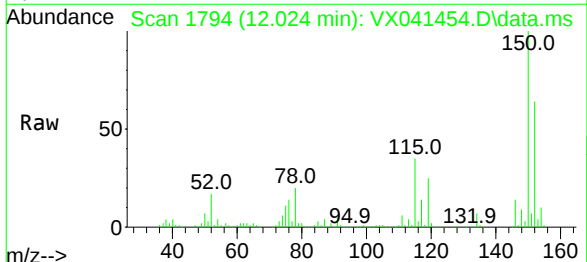
RT: 12.024 min Scan# 1794

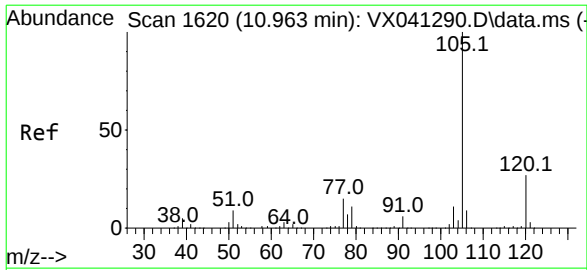
Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	152	Resp:	133301
Ion Ratio	Lower	Upper	
152	100		
115	76.2	43.3	129.9
150	173.0	0.0	345.0





#73

Isopropylbenzene

Concen: 49.651 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 404011

Ion Ratio Lower Upper

105 100

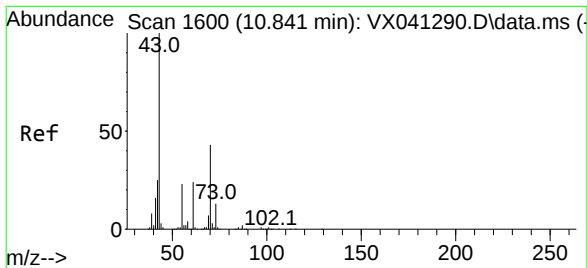
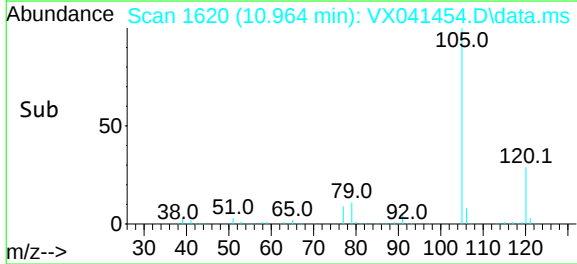
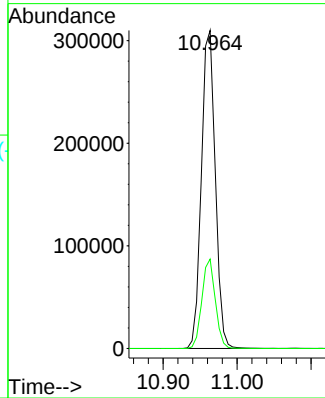
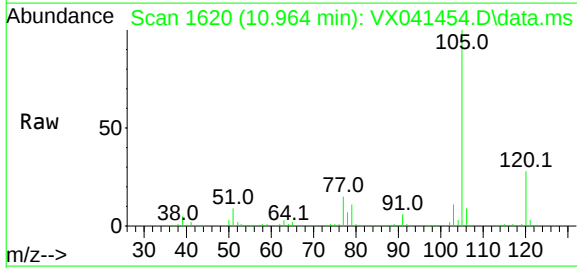
120 27.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#74

N-ethyl acetate

Concen: 54.962 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion: 43 Resp: 195389

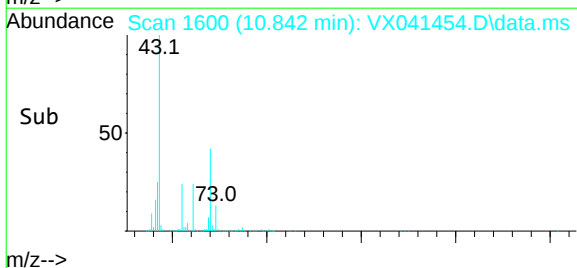
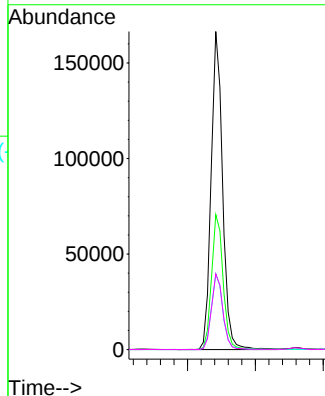
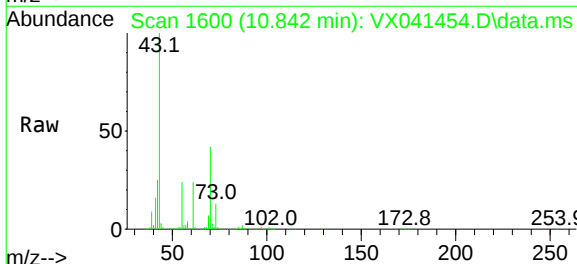
Ion Ratio Lower Upper

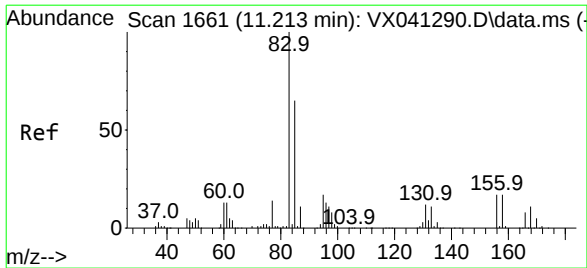
43 100

70 43.0 32.9 49.3

55 23.9 19.3 28.9

61 23.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.996 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

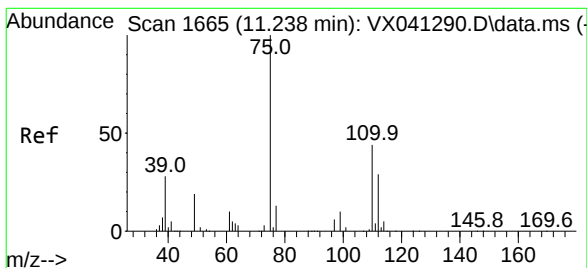
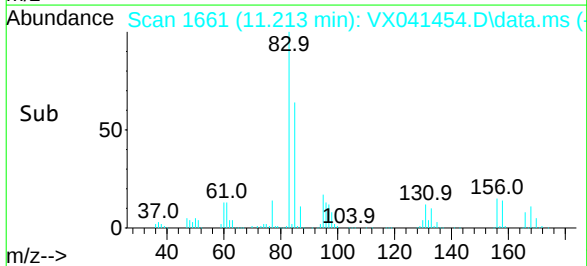
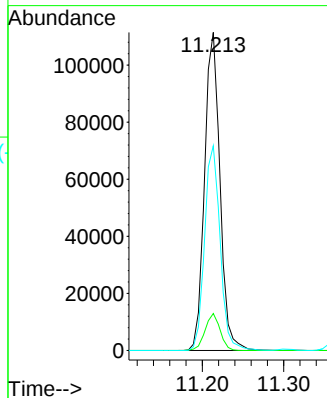
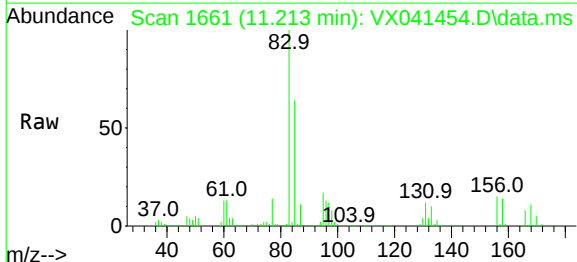
Tgt Ion:	83	Resp:	146636
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	65.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#76

1,2,3-Trichloropropane

Concen: 55.488 ug/l m

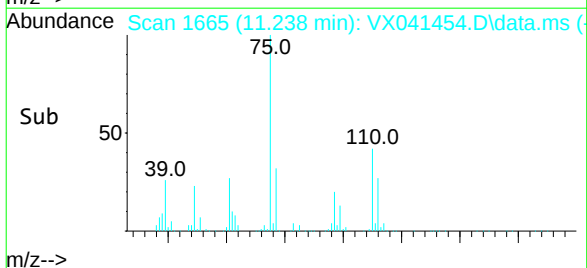
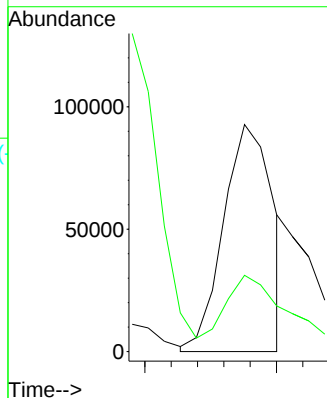
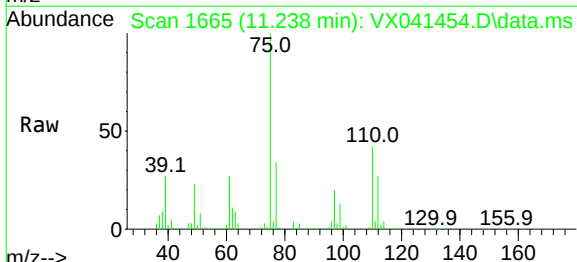
RT: 11.238 min Scan# 1665

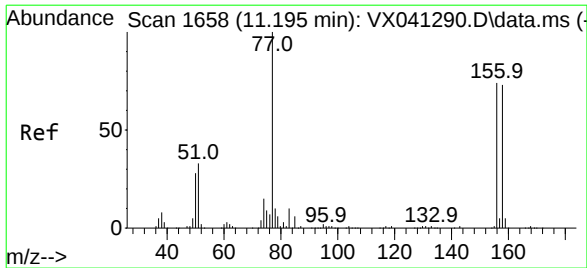
Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	75	Resp:	120541
Ion	Ratio	Lower	Upper
75	100		
77	44.3	19.1	57.5





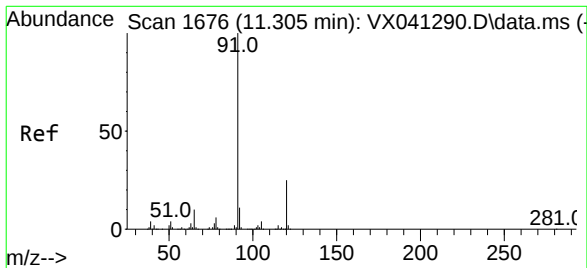
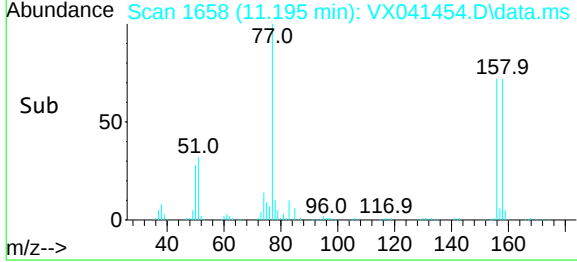
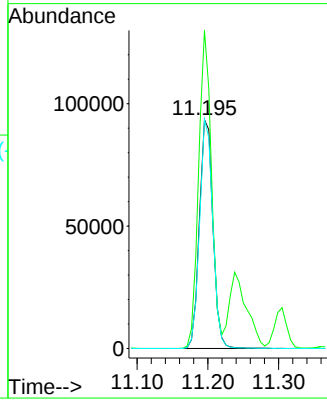
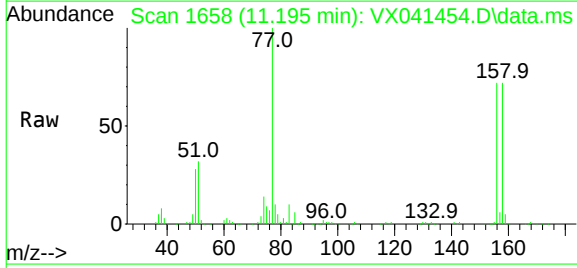
#77
Bromobenzene
Concen: 53.994 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 124001
Ion Ratio Lower Upper
156 100
77 132.2 88.4 265.3
158 97.7 48.0 144.0

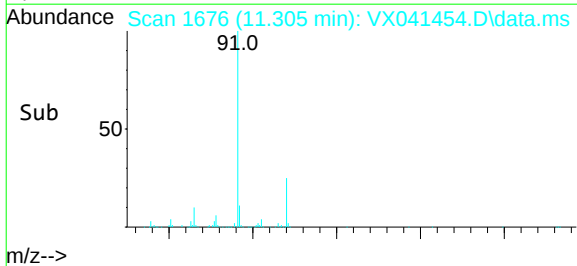
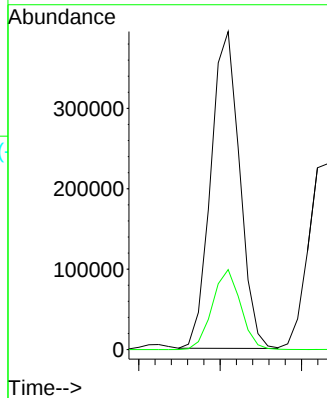
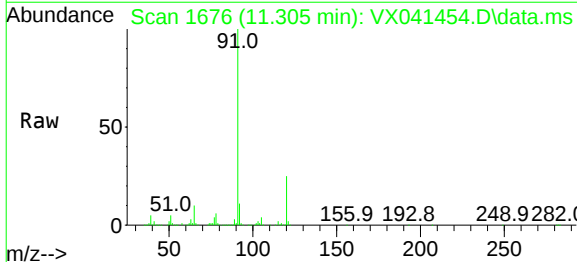
Manual Integrations
APPROVED

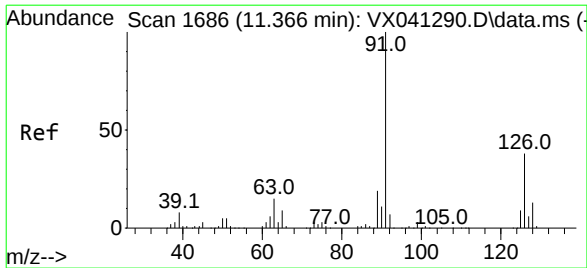
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#78
n-propylbenzene
Concen: 56.896 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 91 Resp: 486246
Ion Ratio Lower Upper
91 100
120 24.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.339 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 299265

Ion Ratio Lower Upper

91 100

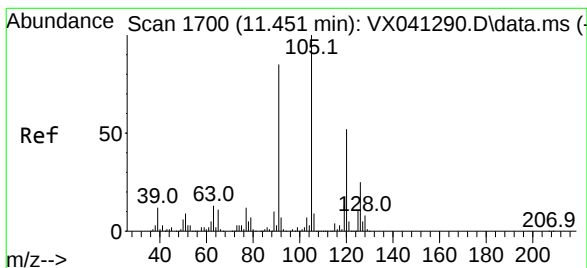
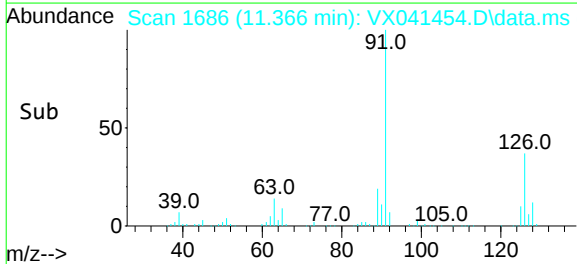
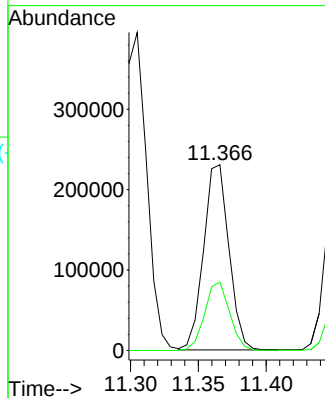
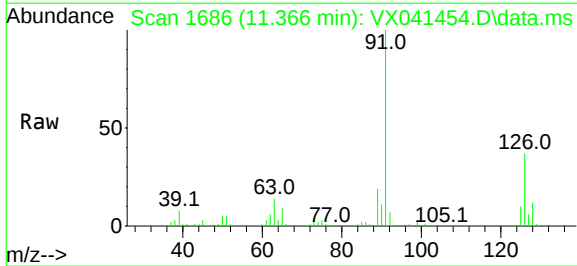
126 36.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.712 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041454.D

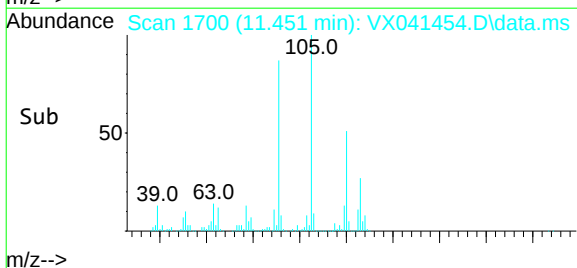
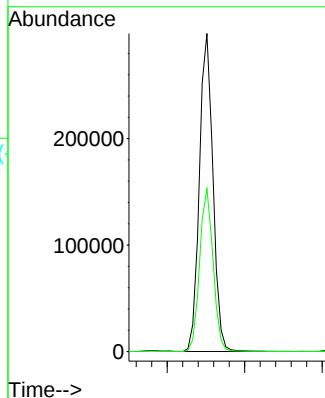
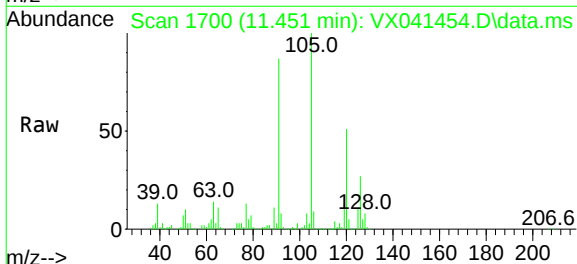
Acq: 10 May 2024 12:49

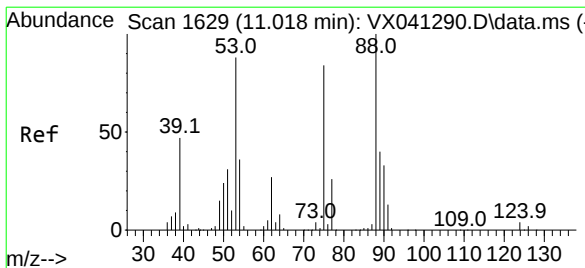
Tgt Ion:105 Resp: 362914

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3





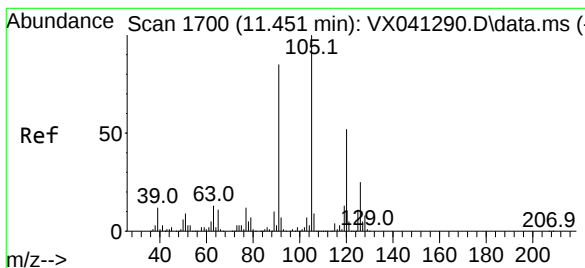
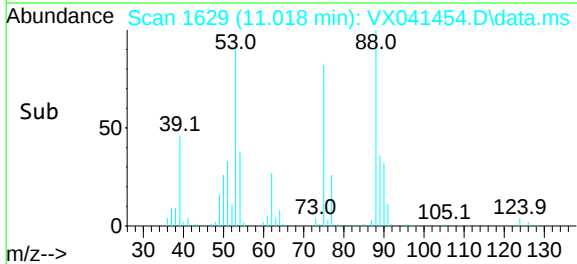
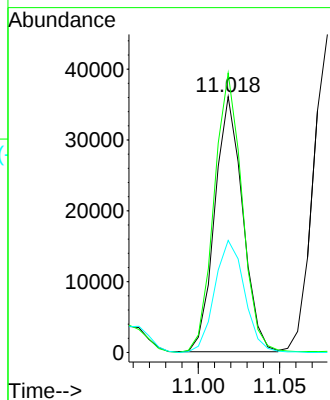
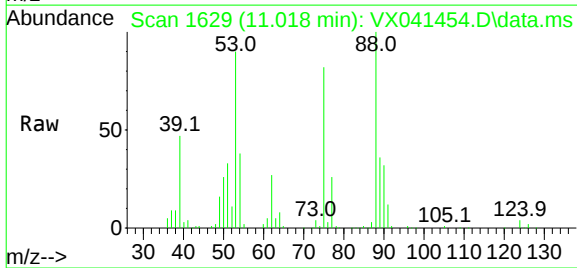
#81
trans-1,4-Dichloro-2-butene
Concen: 53.742 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 42861
Ion Ratio Lower Upper
75 100
53 110.5 90.5 135.7
89 47.1 36.9 55.3

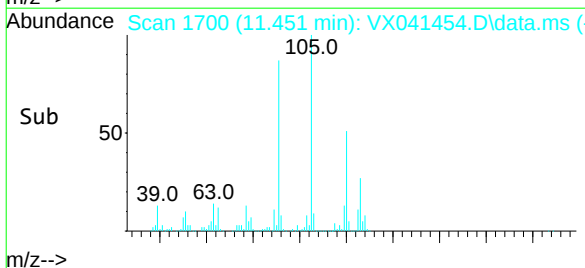
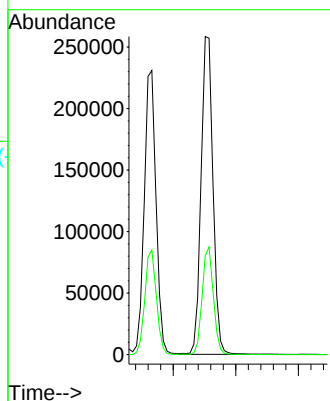
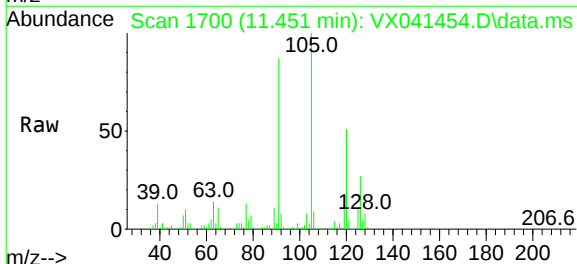
Manual Integrations
APPROVED

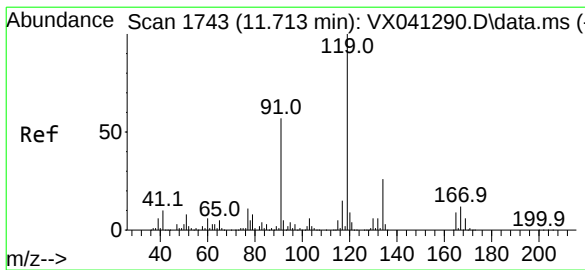
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#82
4-Chlorotoluene
Concen: 54.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion: 91 Resp: 341453
Ion Ratio Lower Upper
91 100
126 31.7 14.2 42.6





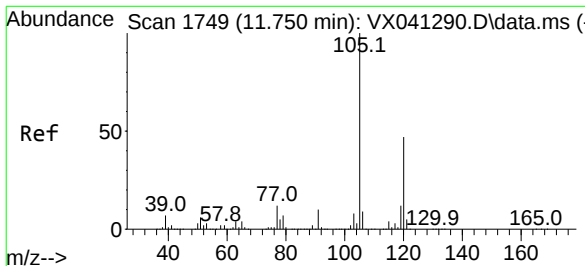
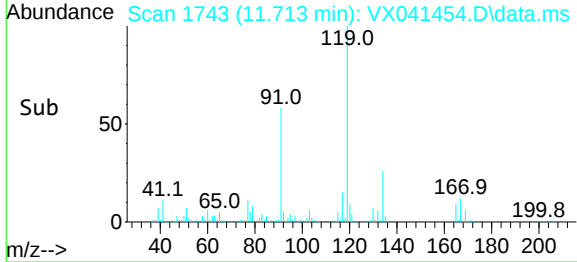
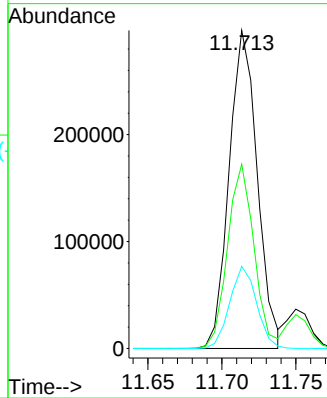
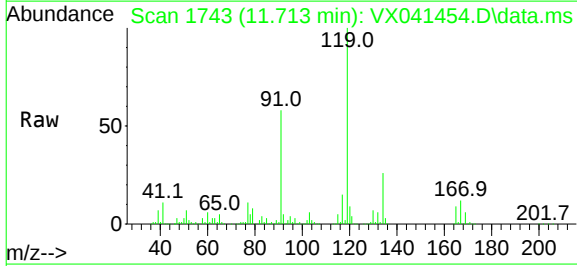
#83
tert-Butylbenzene
Concen: 55.264 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 392552
Ion Ratio Lower Upper
119 100
91 54.6 31.2 93.6
134 24.7 11.7 35.0

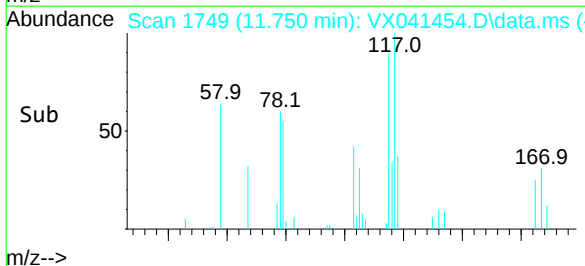
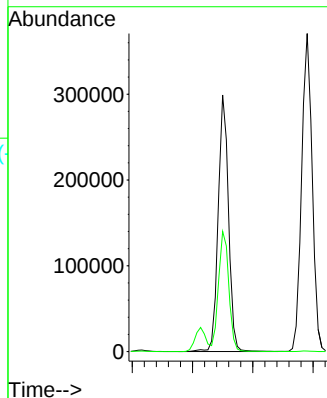
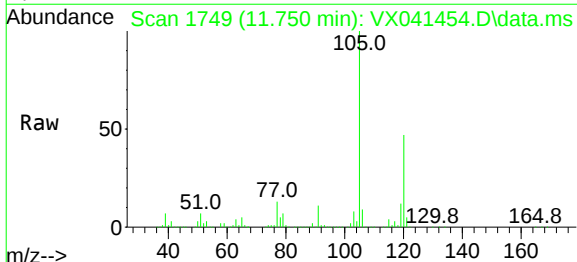
Manual Integrations
APPROVED

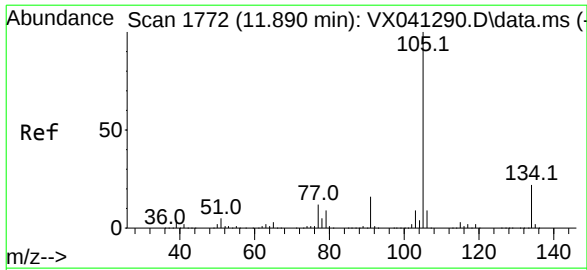
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.245 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion:105 Resp: 355377
Ion Ratio Lower Upper
105 100
120 46.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 55.396 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 450941

Ion Ratio Lower Upper

105 100

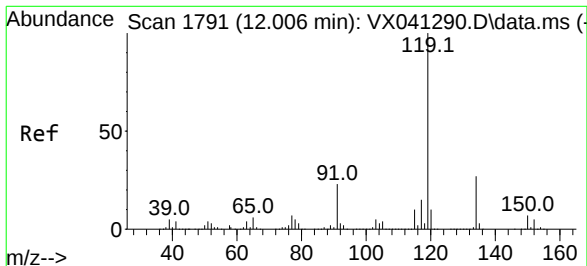
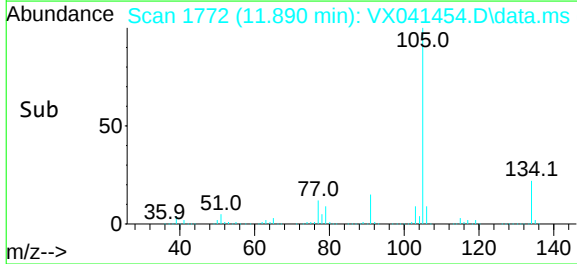
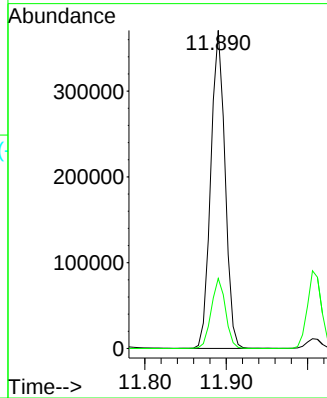
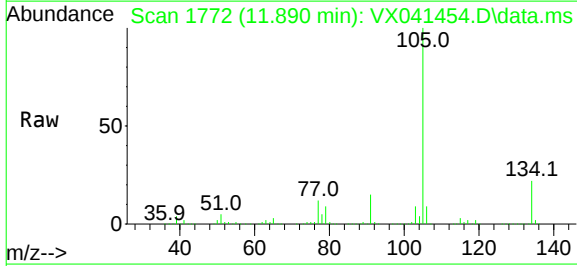
134 22.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#86

p-Isopropyltoluene

Concen: 55.191 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

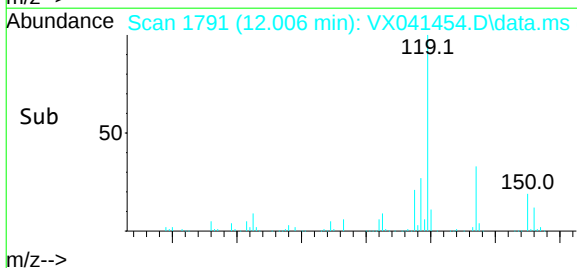
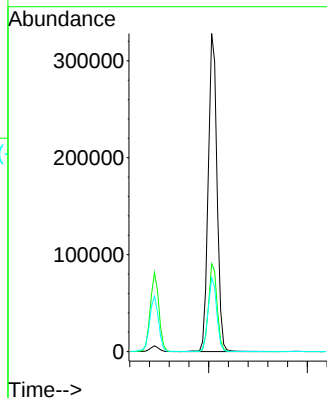
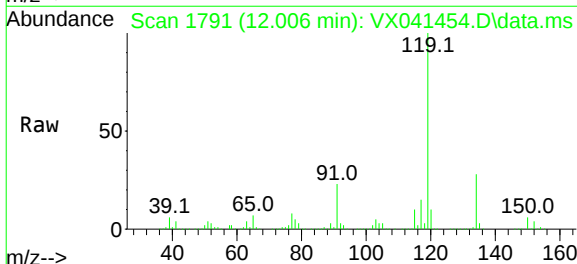
Tgt Ion:119 Resp: 403494

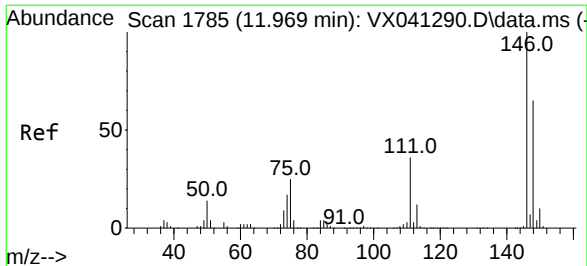
Ion Ratio Lower Upper

119 100

134 27.1 12.8 38.3

91 22.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.180 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

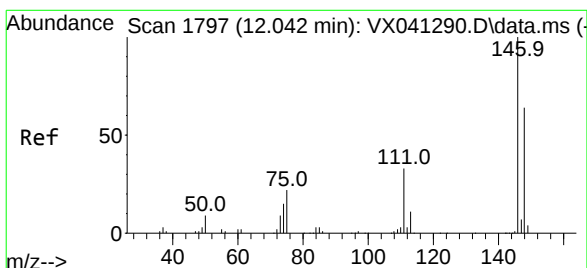
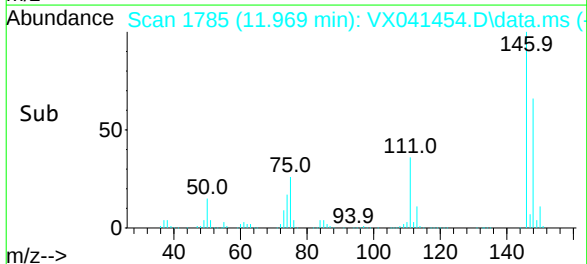
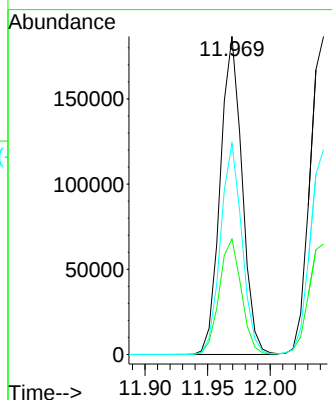
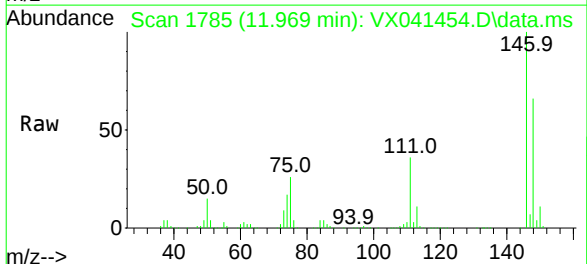
Tgt Ion:	146	Resp:	226165
Ion Ratio	Lower	Upper	
146	100		
111	37.0	22.1	66.1
148	65.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#88

1,4-Dichlorobenzene

Concen: 53.531 ug/l

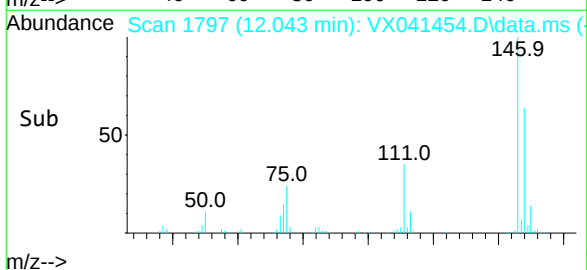
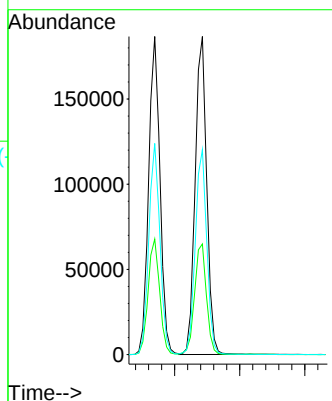
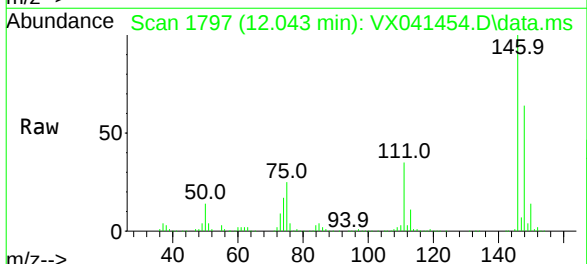
RT: 12.043 min Scan# 1797

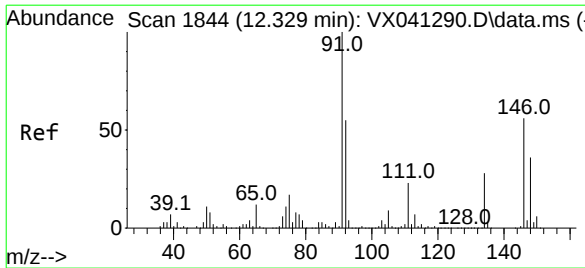
Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	146	Resp:	230223
Ion Ratio	Lower	Upper	
146	100		
111	35.7	21.3	63.7
148	64.0	31.8	95.4





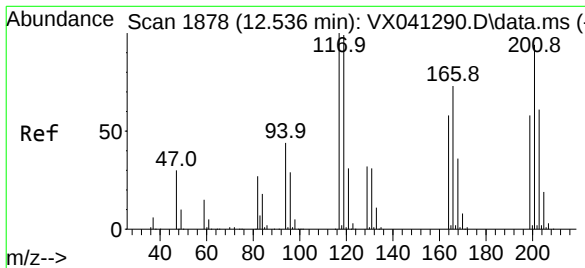
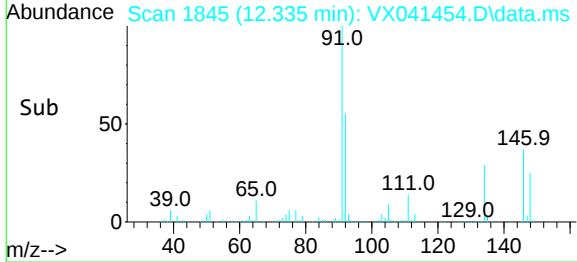
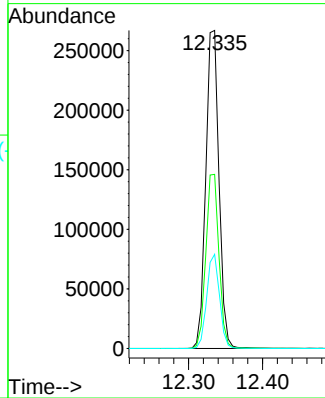
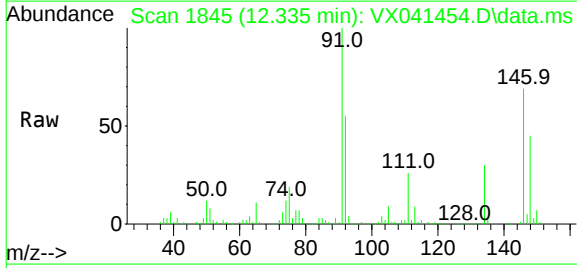
#89
n-Butylbenzene
Concen: 56.175 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 330239
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 28.7 12.6 37.8

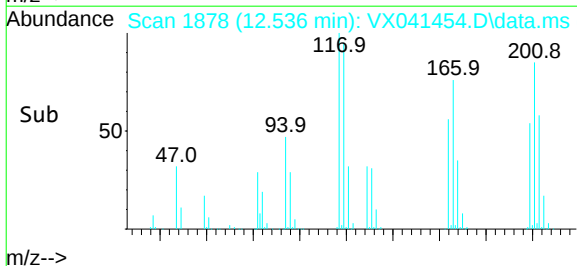
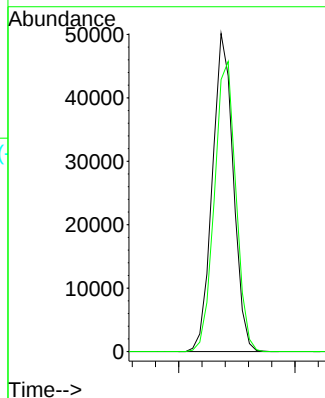
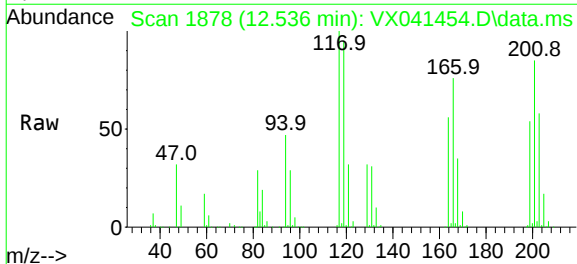
Manual Integrations
APPROVED

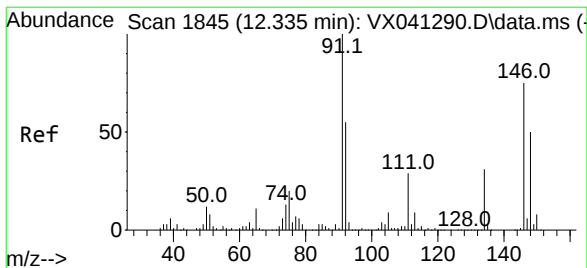
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#90
Hexachloroethane
Concen: 51.323 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041454.D
Acq: 10 May 2024 12:49

Tgt Ion:117 Resp: 62749
Ion Ratio Lower Upper
117 100
201 93.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 52.013 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041454.D

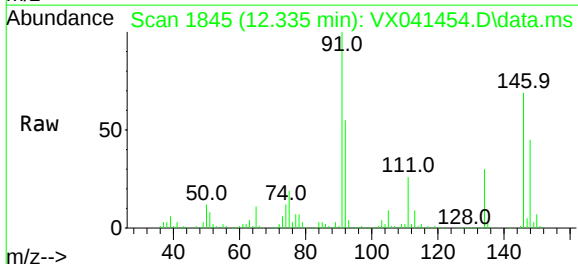
Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 229329

Ion Ratio Lower Upper

146 100

111 38.0 22.4 67.0

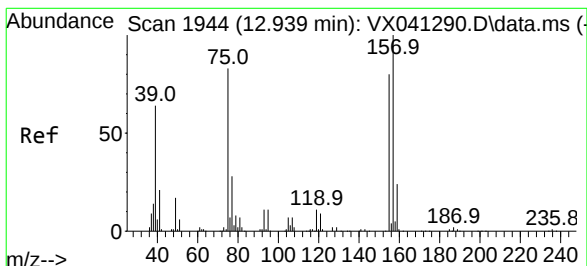
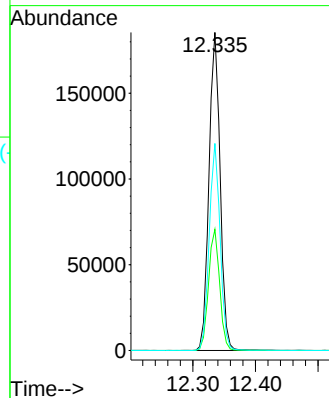
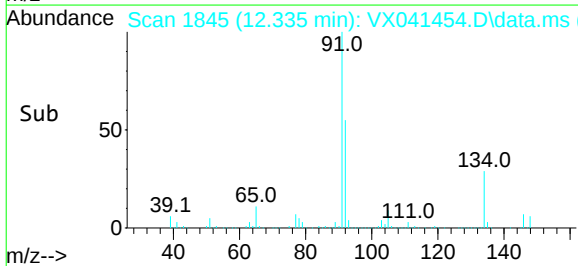
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.566 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

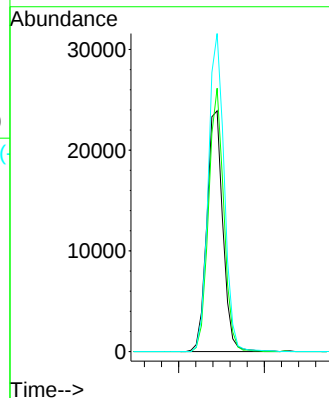
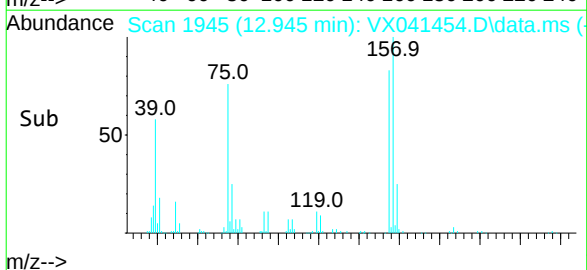
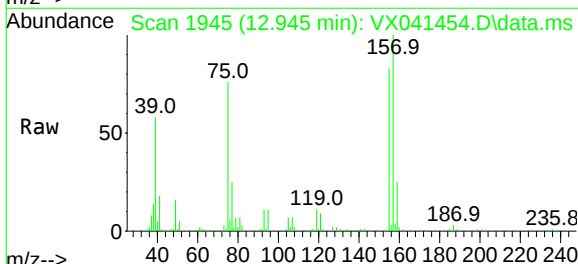
Tgt Ion: 75 Resp: 31155

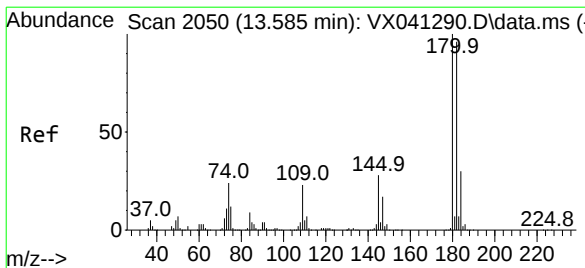
Ion Ratio Lower Upper

75 100

155 103.2 36.1 108.5

157 130.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.571 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

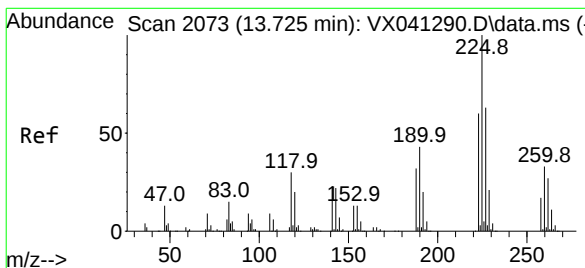
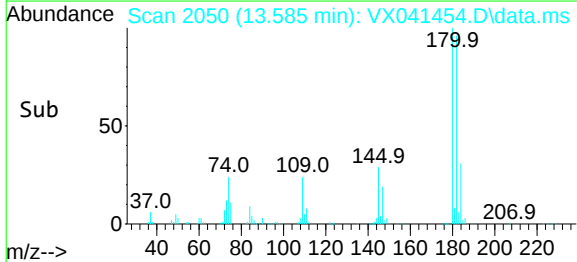
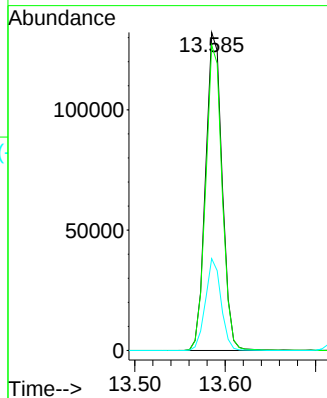
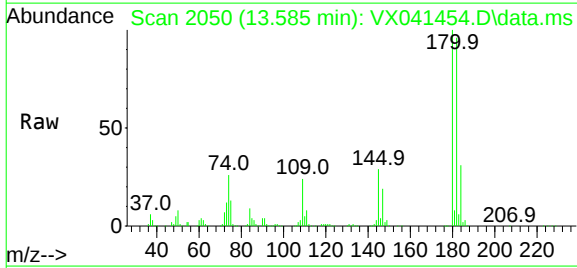
Tgt Ion:	180	Resp:	168185
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.3	144.8
145	27.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#94

Hexachlorobutadiene

Concen: 54.205 ug/l

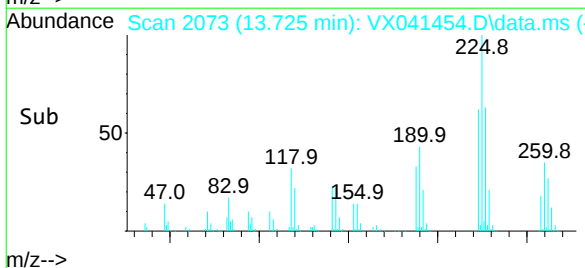
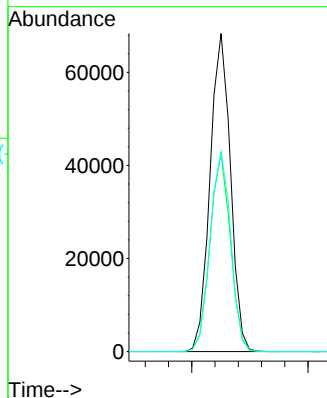
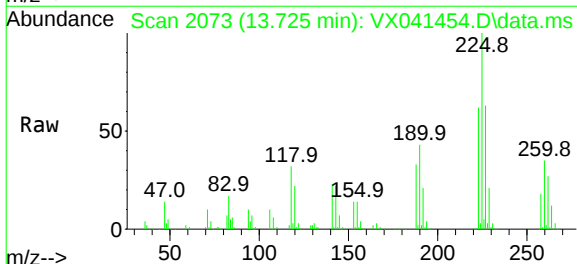
RT: 13.725 min Scan# 2073

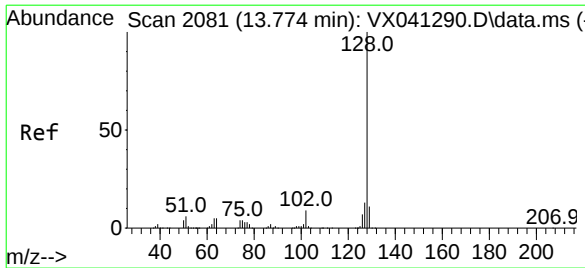
Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	225	Resp:	83423
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.1	93.2
227	63.4	32.5	97.5





#95

Naphthalene

Concen: 55.482 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

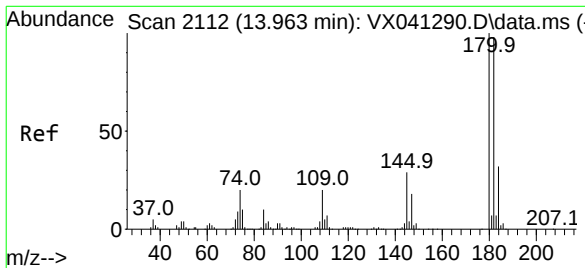
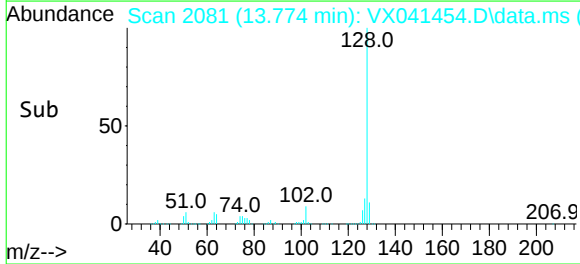
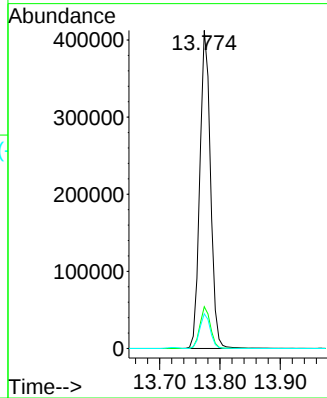
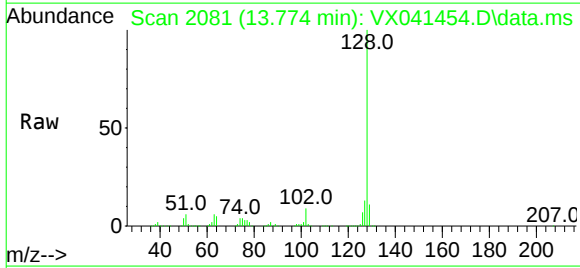
Tgt Ion:	128	Resp:	506727
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.256 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041454.D

Acq: 10 May 2024 12:49

Tgt Ion:	180	Resp:	174045
Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.9	140.6
145	29.1	17.8	53.5

