

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041506.D
 Acq On : 14 May 2024 09:37
 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 15 00:54:07 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 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	195130	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	275774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112124	52.783	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	105.560%		
35) Dibromofluoromethane	5.385	113	92815	49.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.320%		
50) Toluene-d8	8.647	98	322068	54.449	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	108.900%		
62) 4-Bromofluorobenzene	11.079	95	128332	56.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	72945	45.494	ug/l	98
3) Chloromethane	1.295	50	69823	42.084	ug/l	100
4) Vinyl Chloride	1.374	62	82801	52.351	ug/l	99
5) Bromomethane	1.599	94	54520	54.986	ug/l	98
6) Chloroethane	1.666	64	44961	61.224	ug/l	98
7) Trichlorofluoromethane	1.868	101	133983	49.126	ug/l	99
8) Diethyl Ether	2.136	74	49802	51.807	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	86227	56.252	ug/l	89
10) Methyl Iodide	2.447	142	93246	56.520	ug/l	90
11) Tert butyl alcohol	2.995	59	110715	260.398	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	78651	52.014	ug/l	89
13) Acrolein	2.240	56	104163	308.813	ug/l	98
14) Allyl chloride	2.660	41	141234	55.594	ug/l	99
15) Acrylonitrile	3.069	53	252915	260.635	ug/l	99
16) Acetone	2.386	43	276651	296.469	ug/l	97
17) Carbon Disulfide	2.502	76	159043	44.744	ug/l	98
18) Methyl Acetate	2.703	43	121612	55.956	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	285570	51.807	ug/l	99
20) Methylene Chloride	2.788	84	89664	48.621	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	81416	48.179	ug/l	88
22) Diisopropyl ether	3.758	45	281264	52.241	ug/l	97
23) Vinyl Acetate	3.721	43	1294691	268.822	ug/l	96
24) 1,1-Dichloroethane	3.605	63	154893	50.923	ug/l	97
25) 2-Butanone	4.556	43	384803	279.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	135945	53.455	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	102198	51.078	ug/l	92
28) Bromochloromethane	4.898	49	55013	50.678	ug/l	# 80
29) Tetrahydrofuran	5.007	42	230282	256.107	ug/l	96
30) Chloroform	5.087	83	166782	52.704	ug/l	96
31) Cyclohexane	5.458	56	123649	48.229	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	147864	51.358	ug/l	98
36) 1,1-Dichloropropene	5.684	75	106863	47.820	ug/l	97
37) Ethyl Acetate	4.715	43	140106	50.248	ug/l	100
38) Carbon Tetrachloride	5.672	117	129858	50.725	ug/l	98
39) Methylcyclohexane	7.373	83	134822	51.354	ug/l	94
40) Benzene	6.032	78	336734	48.881	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76913	53.595	ug/l	96
42) 1,2-Dichloroethane	6.086	62	128886	51.050	ug/l	96
43) Isopropyl Acetate	6.336	43	220474	52.590	ug/l	98
44) Trichloroethene	7.123	130	94445	51.919	ug/l	87
45) 1,2-Dichloropropane	7.428	63	83167	54.033	ug/l	99
46) Dibromomethane	7.580	93	64589	52.713	ug/l #	79
47) Bromodichloromethane	7.818	83	126308	57.847	ug/l	98
48) Methyl methacrylate	7.690	41	109935	57.204	ug/l	97
49) 1,4-Dioxane	7.659	88	45729	1100.570	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	742273	295.065	ug/l	99
52) Toluene	8.714	92	222111	52.706	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128775	50.698	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	136739	56.964	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	92744	57.147	ug/l	98
56) Ethyl methacrylate	9.116	69	150171	59.790	ug/l	99
57) 1,3-Dichloropropane	9.305	76	148559	54.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	343039	281.677	ug/l	94
59) 2-Hexanone	9.433	43	592361	294.476	ug/l	98
60) Dibromochloromethane	9.519	129	110748	57.967	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96751	54.189	ug/l	99
64) Tetrachloroethene	9.269	164	90446	53.151	ug/l	91
65) Chlorobenzene	10.080	112	243117	50.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	89945	53.361	ug/l	98
67) Ethyl Benzene	10.195	91	391714	49.769	ug/l	98
68) m/p-Xylenes	10.299	106	308049	97.736	ug/l	92
69) o-Xylene	10.640	106	151563	50.222	ug/l	94
70) Styrene	10.653	104	263043	53.118	ug/l	96
71) Bromoform	10.799	173	88959	58.971	ug/l #	98
73) Isopropylbenzene	10.964	105	443797	50.019	ug/l	97
74) N-amyl acetate	10.842	43	203262	52.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	151907	52.249	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125635m	53.038	ug/l	
77) Bromobenzene	11.195	156	128009	51.118	ug/l	79
78) n-propylbenzene	11.305	91	495389	53.160	ug/l	97
79) 2-Chlorotoluene	11.360	91	304561	50.716	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	374107	51.723	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47306	54.398	ug/l	94
82) 4-Chlorotoluene	11.451	91	353654	51.874	ug/l	93
83) tert-Butylbenzene	11.713	119	406544	52.488	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	376708	51.762	ug/l	92
85) sec-Butylbenzene	11.890	105	479914	54.067	ug/l	96
86) p-Isopropyltoluene	12.006	119	425629	53.392	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	232314	51.039	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	236857	50.508	ug/l	95
89) n-Butylbenzene	12.329	91	348051	54.296	ug/l	98
90) Hexachloroethane	12.536	117	71624	53.725	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	235882	49.063	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34858	51.886	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	170501	50.736	ug/l	96
94) Hexachlorobutadiene	13.725	225	83111	49.525	ug/l	99
95) Naphthalene	13.774	128	506570	50.867	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	173989	50.658	ug/l	95

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ClientSampleId :
VSTDCCC050

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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

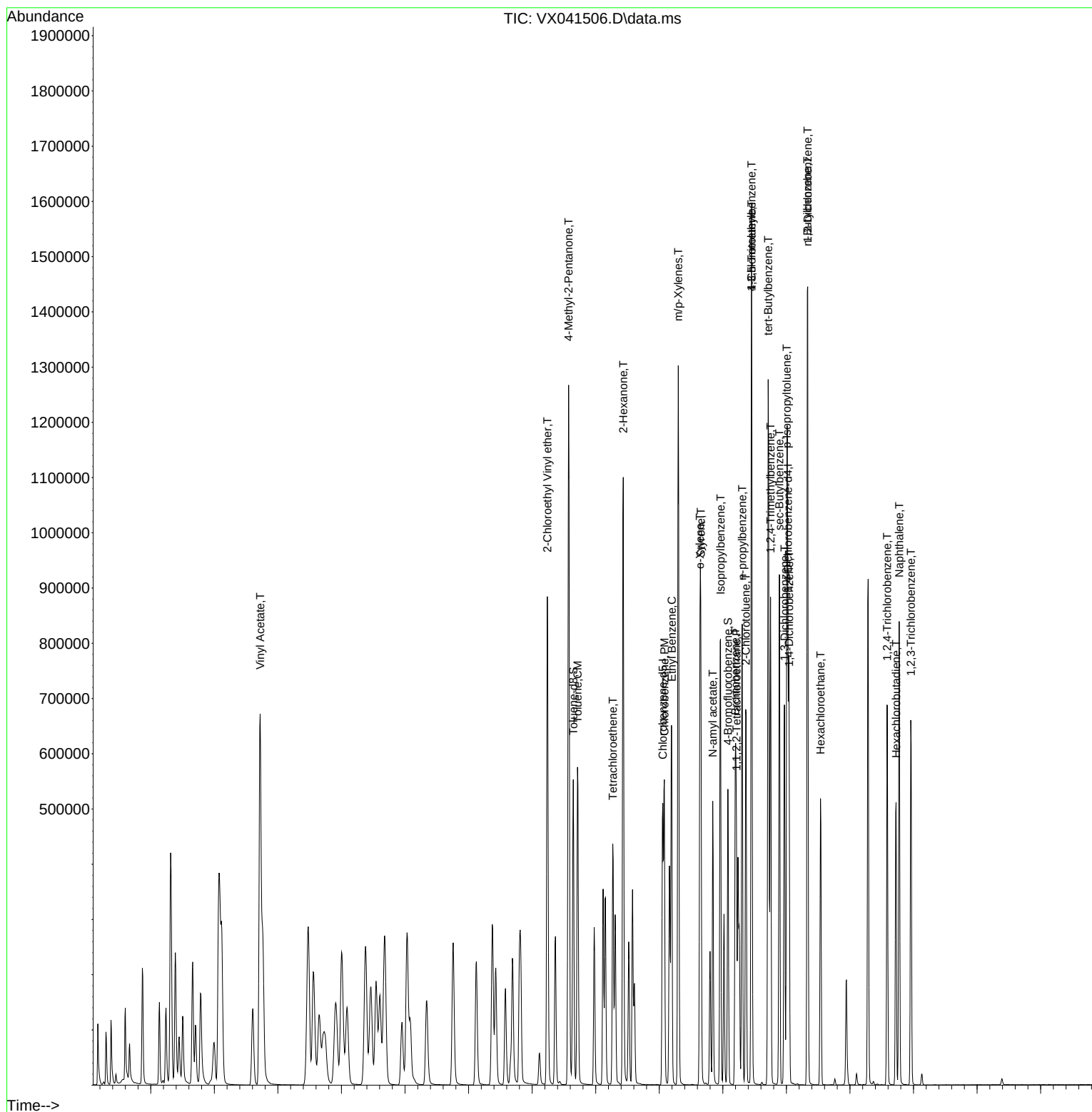
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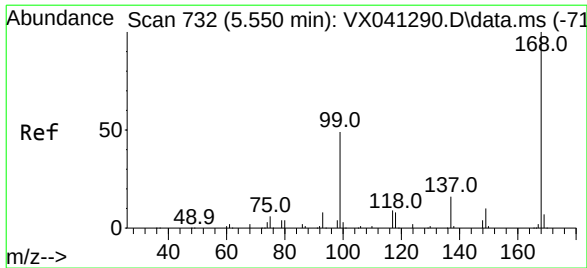
Instrument :
MSVOA_X
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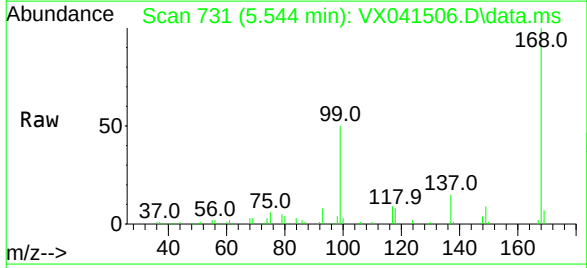
Reviewed By :John Carlone 05/15/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

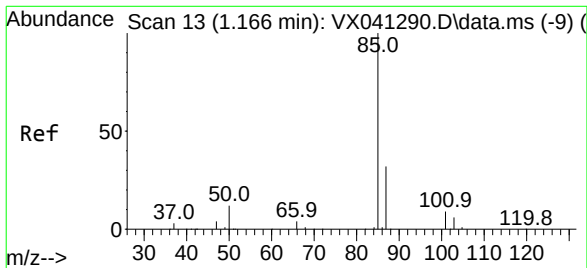
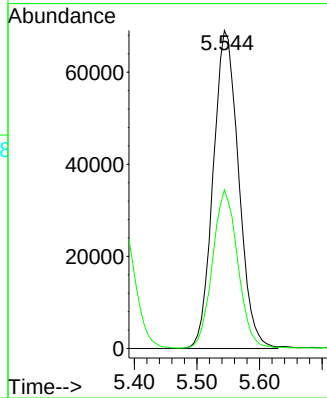
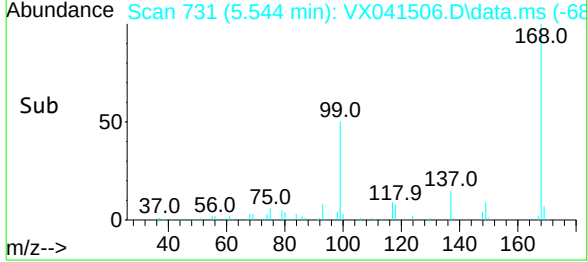
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 195130
Ion Ratio Lower Upper
168 100
99 49.8 56.6 85.0#

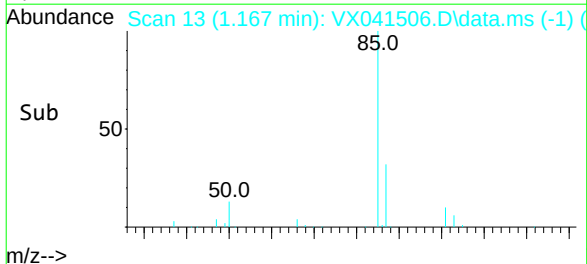
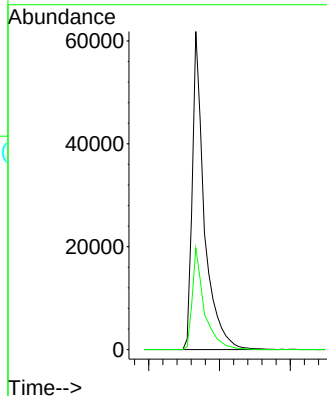
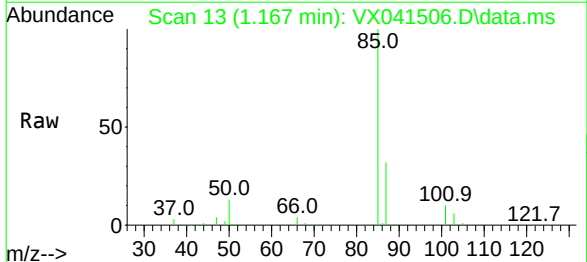
Manual Integrations
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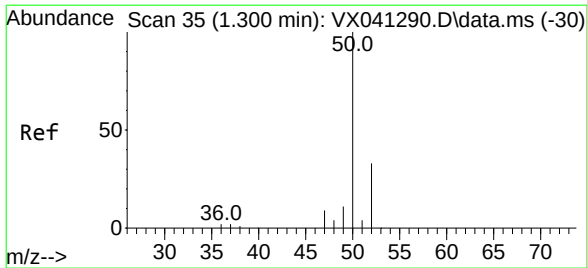
Reviewed By :John Carlone 05/15/2024
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#2
Dichlorodifluoromethane
Concen: 45.494 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 85 Resp: 72945
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





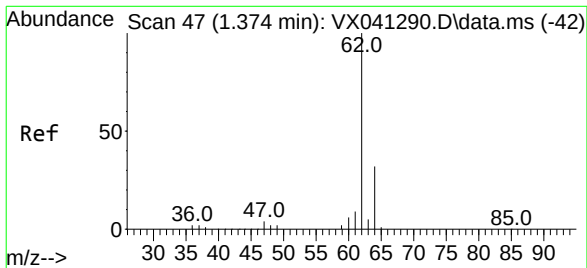
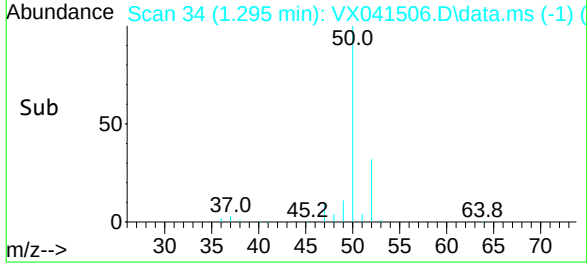
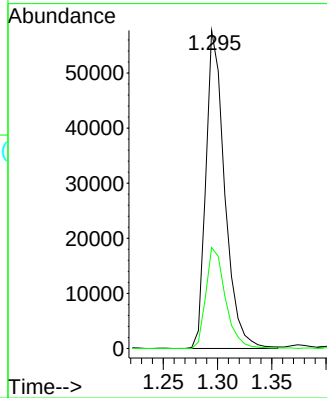
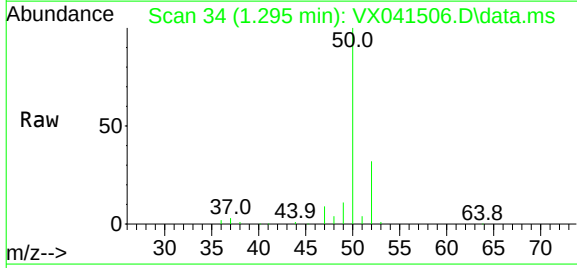
#3
Chloromethane
Concen: 42.084 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 69823
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

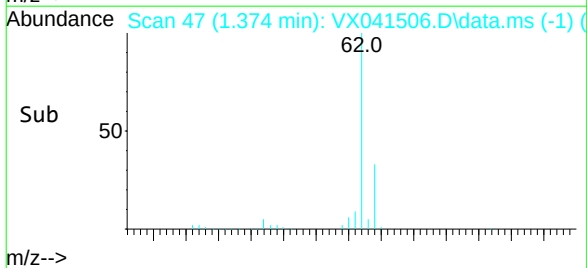
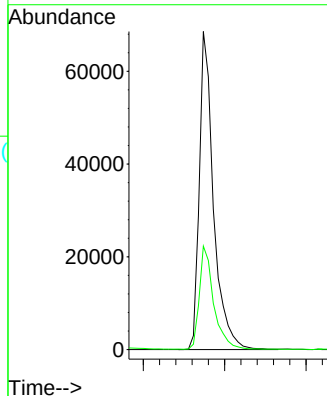
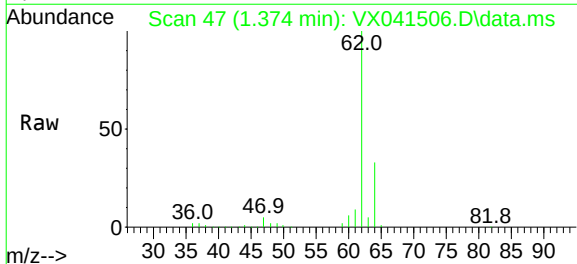
Manual Integrations
APPROVED

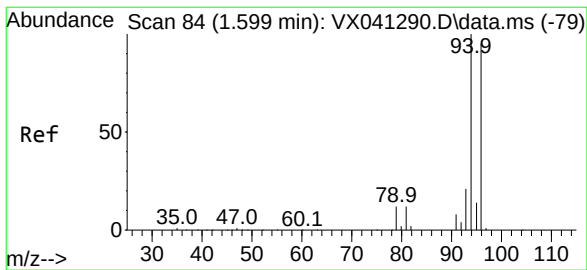
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 52.351 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 62 Resp: 82801
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5

Bromomethane

Concen: 54.986 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 54520

Ion Ratio Lower Upper

94 100

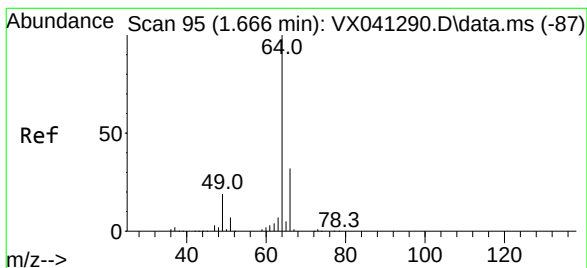
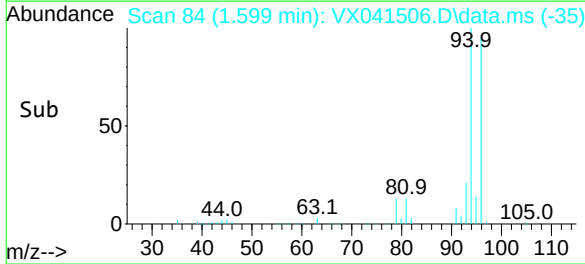
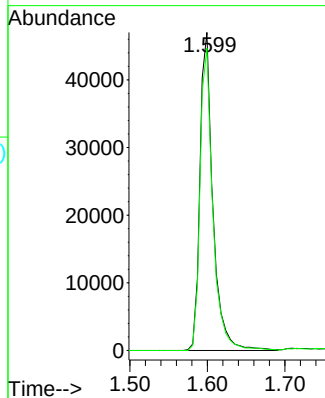
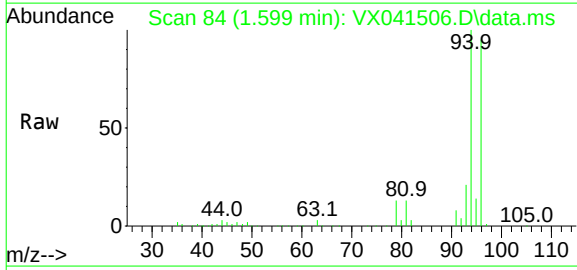
96 95.1 74.6 111.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/15/2024



#6

Chloroethane

Concen: 61.224 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041506.D

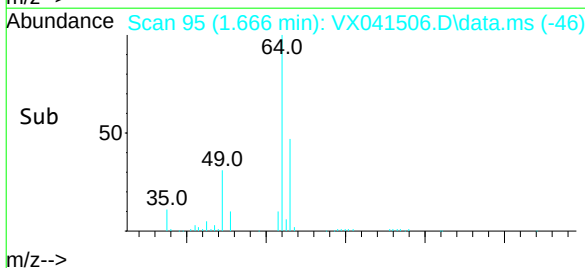
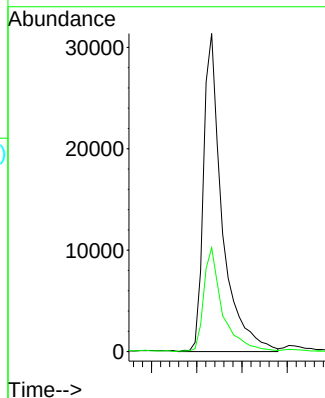
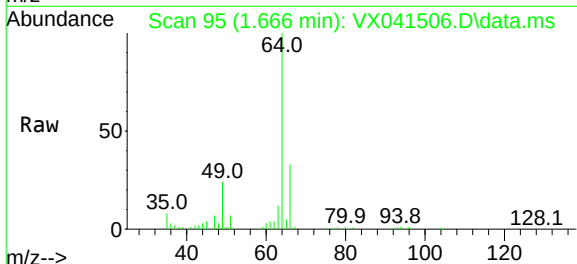
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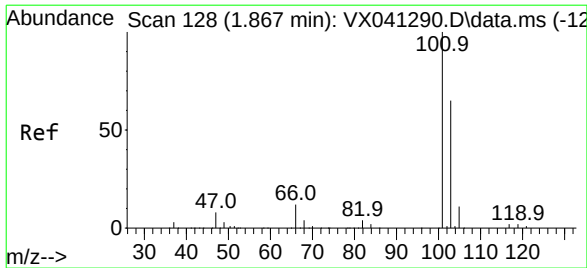
Tgt Ion: 64 Resp: 44961

Ion Ratio Lower Upper

64 100

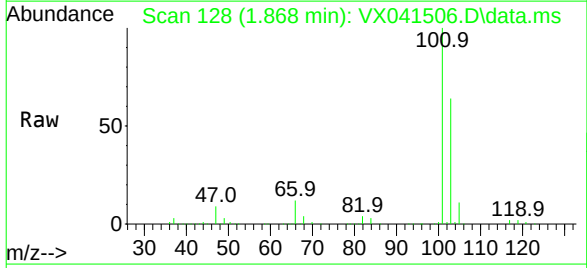
66 32.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 49.126 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041506.D
 Acq: 14 May 2024 09:37

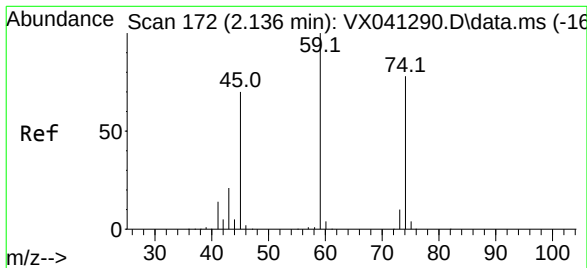
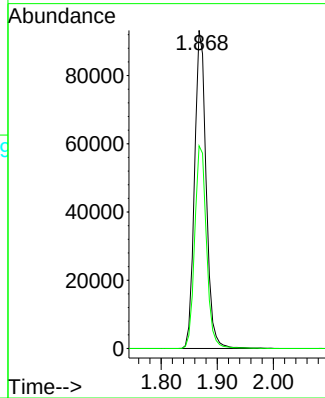
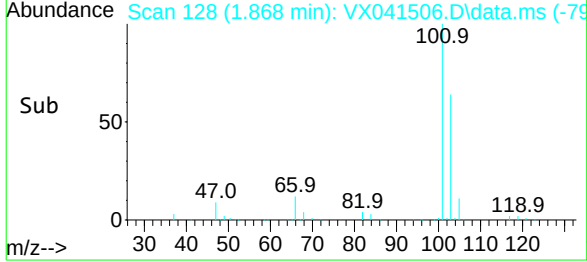
Instrument :
 MSVOA_X
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 VSTDCCC050



Tgt Ion:101 Resp: 133983
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2

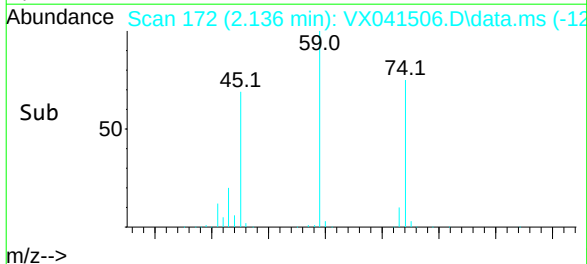
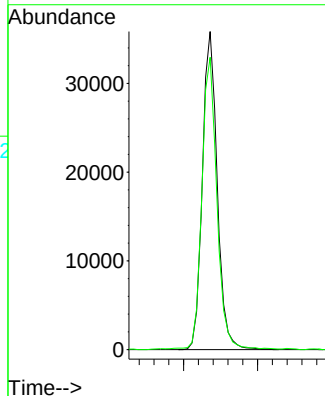
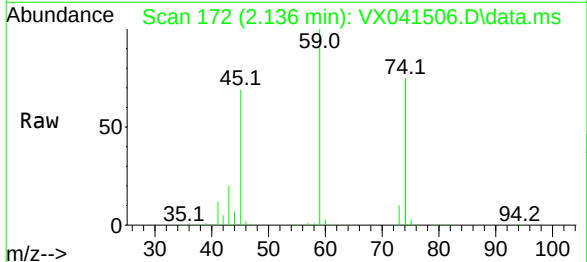
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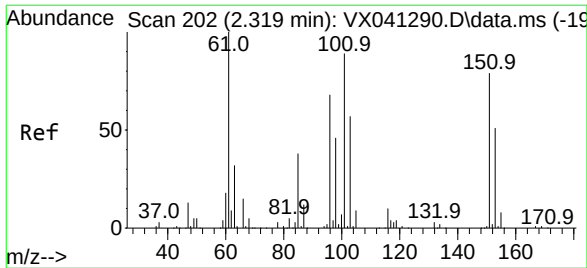
Reviewed By :John Carlone 05/15/2024
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#8
 Diethyl Ether
 Concen: 51.807 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041506.D
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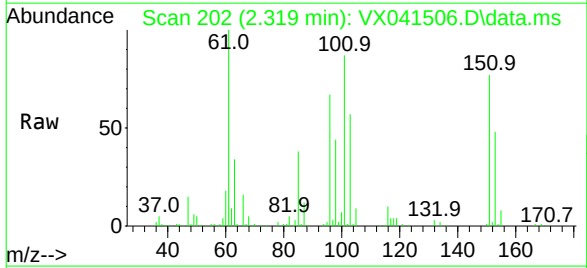
Tgt Ion: 74 Resp: 49802
 Ion Ratio Lower Upper
 74 100
 45 93.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.252 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

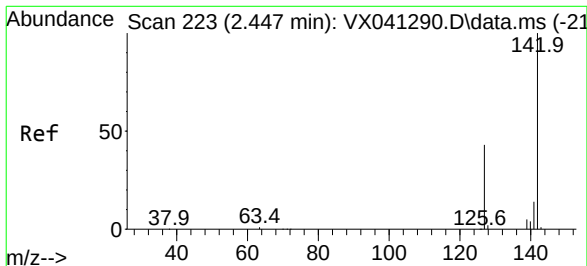
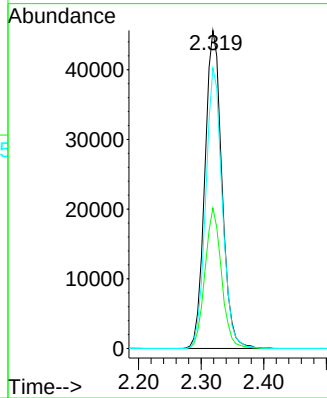
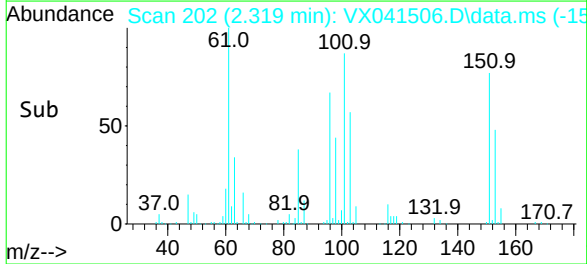
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 86227
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 85.8 58.6 87.8

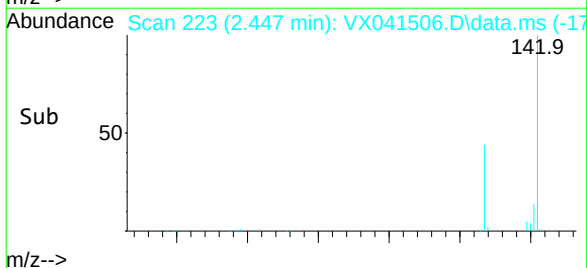
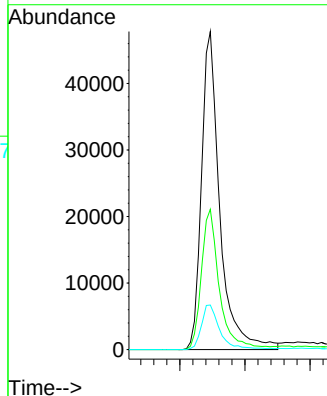
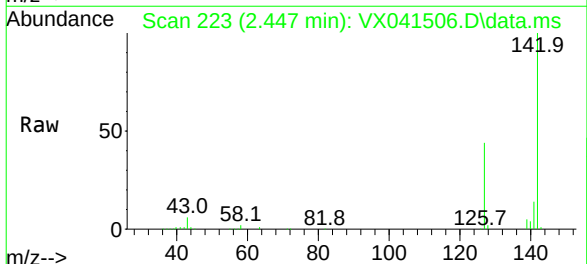
Manual Integrations
APPROVED

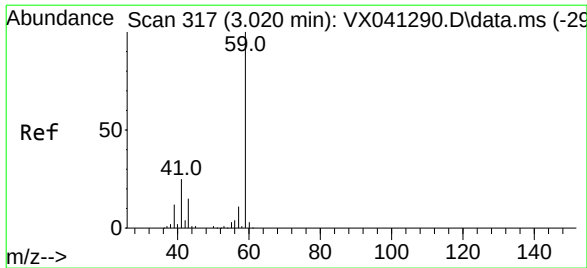
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#10
Methyl Iodide
Concen: 56.520 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion:142 Resp: 93246
Ion Ratio Lower Upper
142 100
127 43.5 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 260.398 ug/l

RT: 2.995 min Scan# 317

Delta R.T. -0.024 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 110715

Ion Ratio Lower Upper

59 100

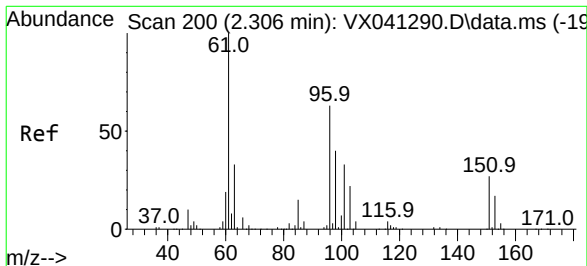
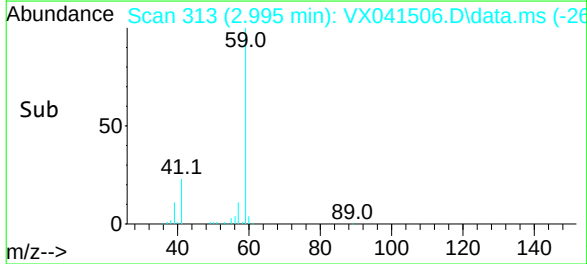
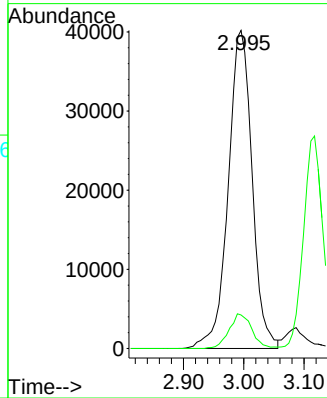
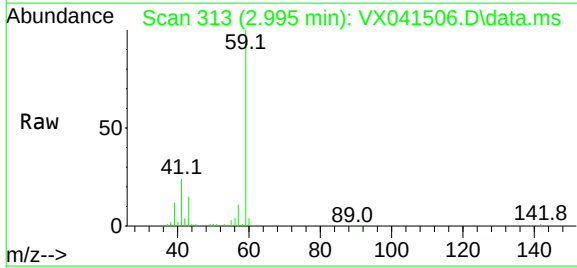
57 10.4 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 52.014 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

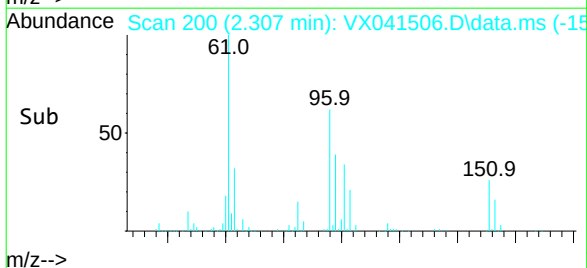
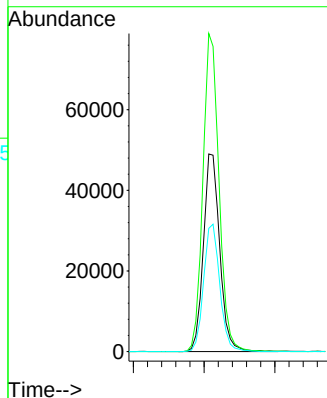
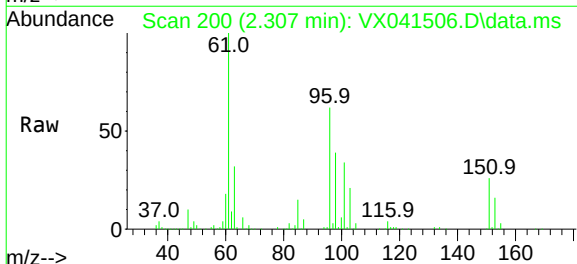
Tgt Ion: 96 Resp: 78651

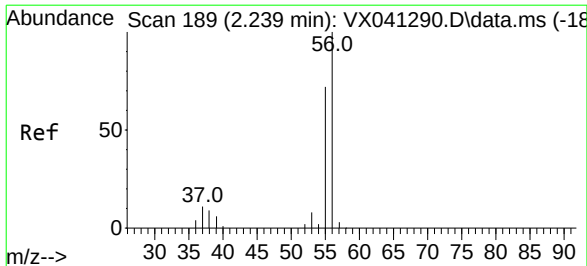
Ion Ratio Lower Upper

96 100

61 160.9 144.6 216.8

98 62.4 50.4 75.6





#13

Acrolein

Concen: 308.813 ug/l

RT: 2.240 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 104163

Ion Ratio Lower Upper

56 100

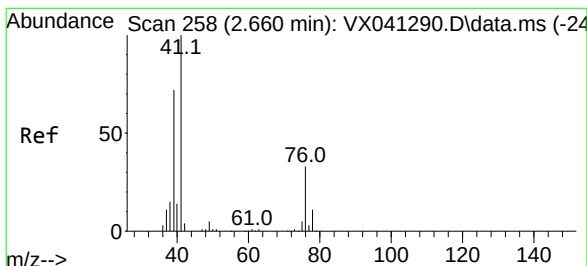
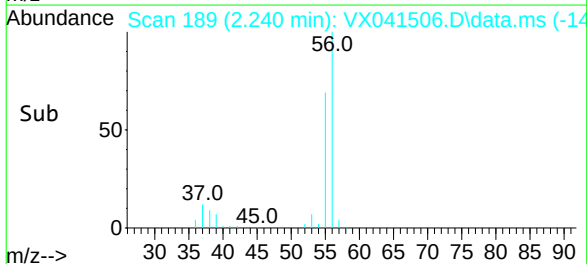
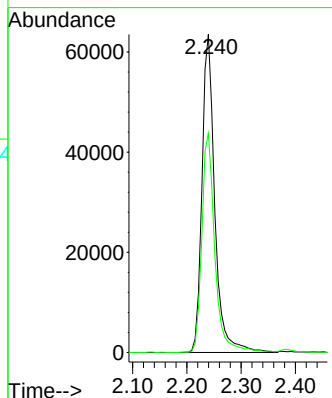
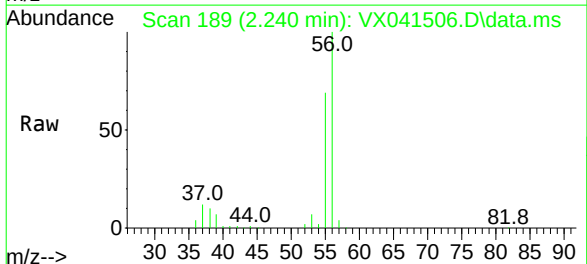
55 70.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#14

Allyl chloride

Concen: 55.594 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

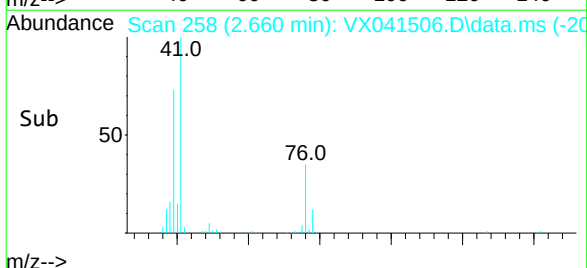
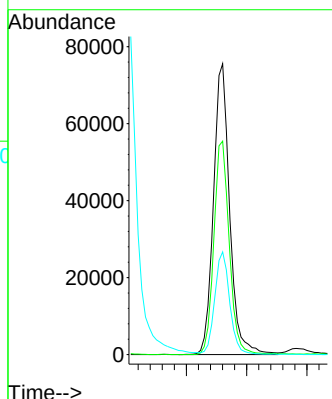
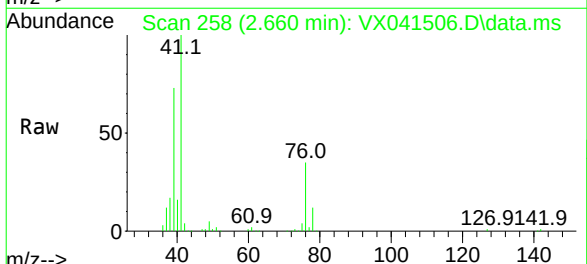
Tgt Ion: 41 Resp: 141234

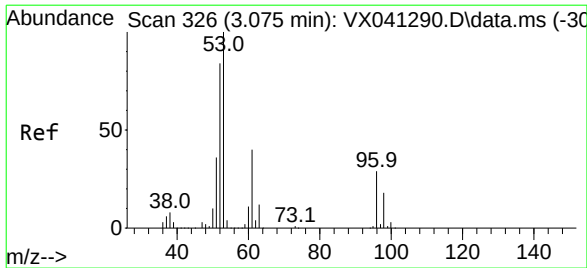
Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 32.4 24.3 36.5





#15

Acrylonitrile

Concen: 260.635 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

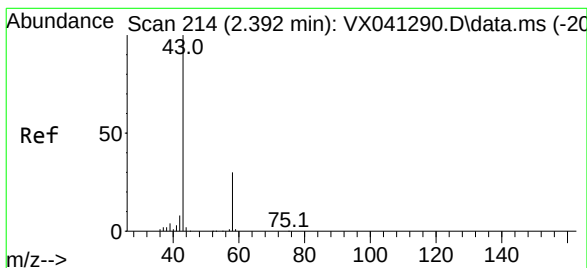
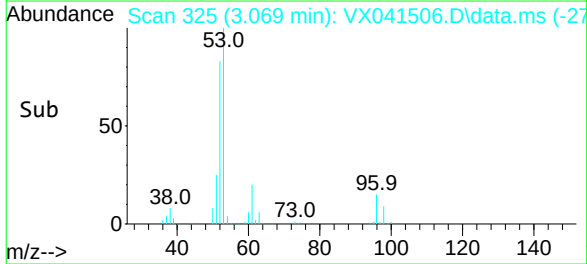
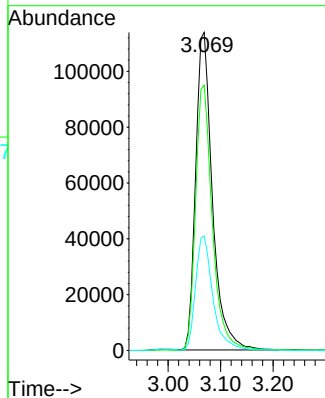
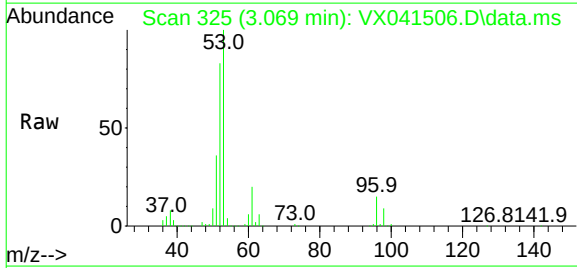
Tgt Ion:	53	Resp:	252915
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.0	99.0
51	37.5	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 296.469 ug/l

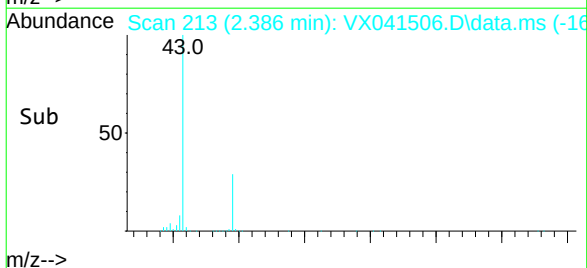
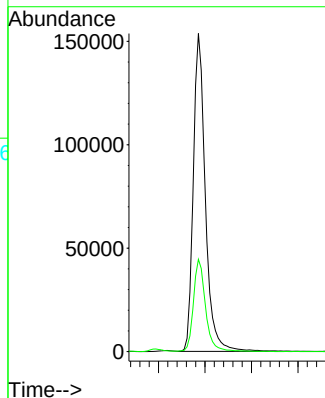
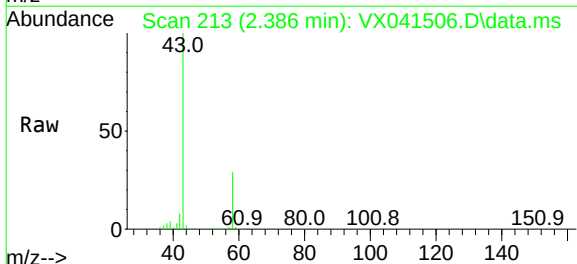
RT: 2.386 min Scan# 213

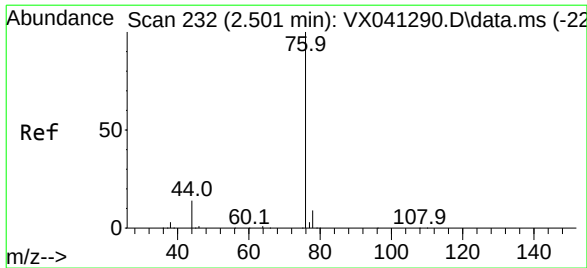
Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	43	Resp:	276651
Ion	Ratio	Lower	Upper
43	100		
58	29.0	21.9	32.9





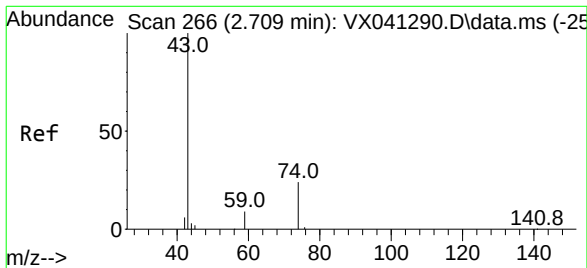
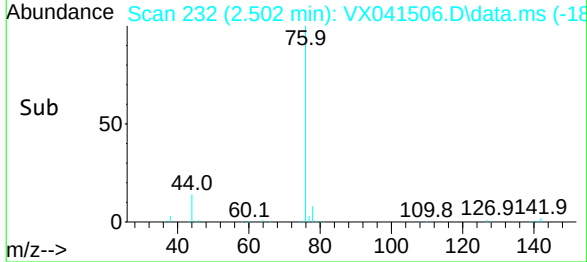
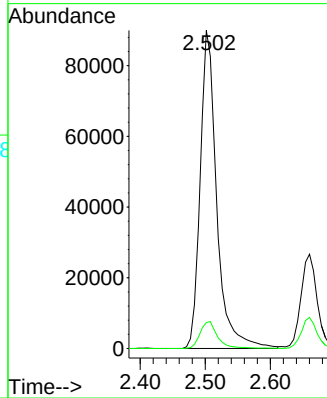
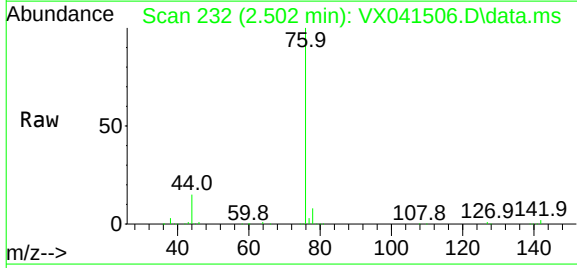
#17
Carbon Disulfide
Concen: 44.744 ug/l
RT: 2.502 min Scan# 231
Delta R.T. 0.001 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 159043
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

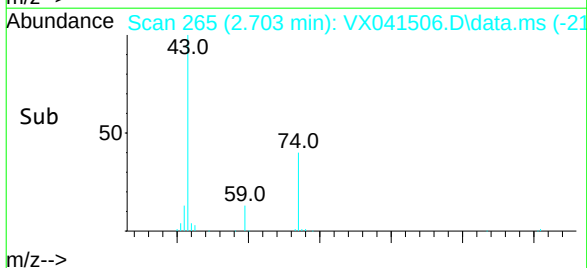
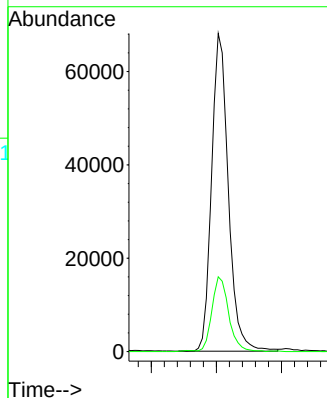
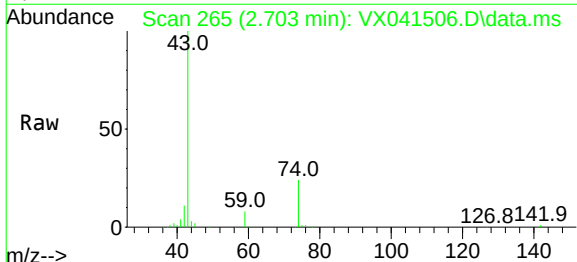
Manual Integrations
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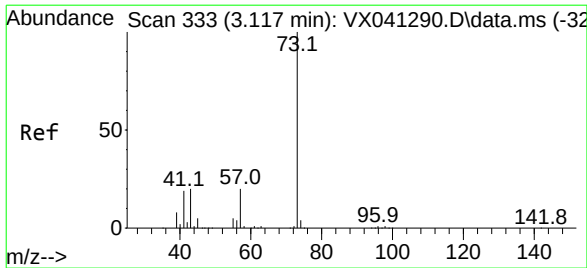
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 55.956 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 43 Resp: 121612
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





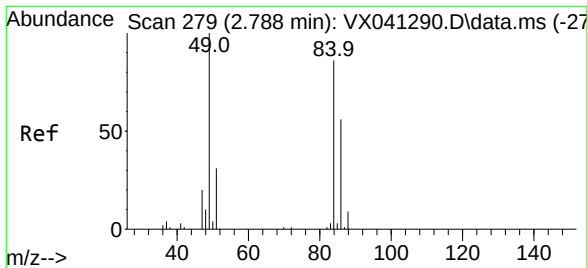
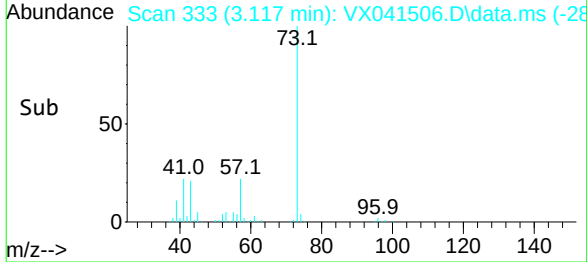
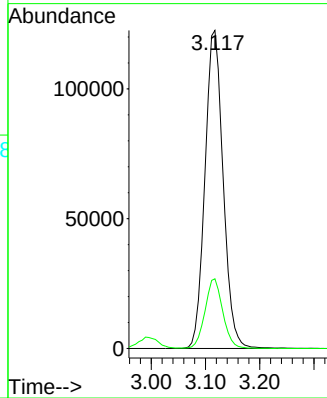
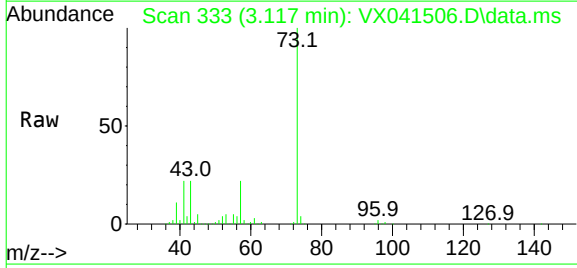
#19
Methyl tert-butyl Ether
Concen: 51.807 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 285576
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

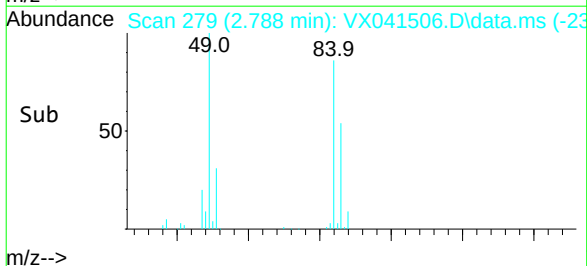
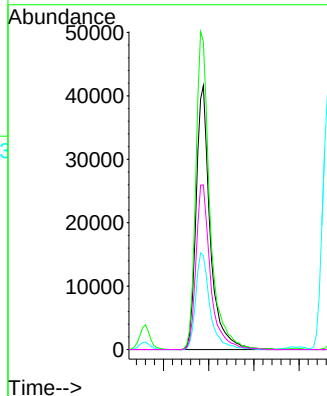
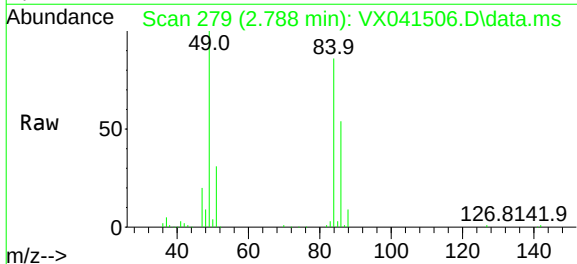
Manual Integrations
APPROVED

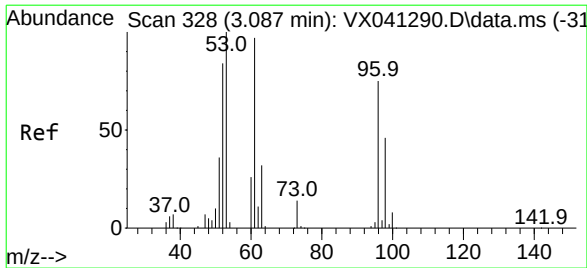
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Methylene Chloride
Concen: 48.621 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

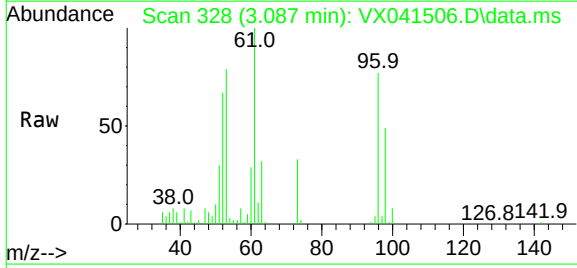
Tgt Ion: 84 Resp: 89664
Ion Ratio Lower Upper
84 100
49 116.7 103.6 155.4
51 35.6 33.8 50.6
86 62.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.179 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

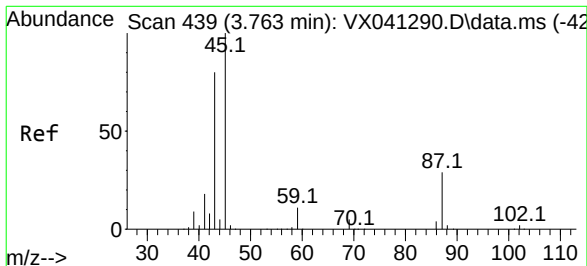
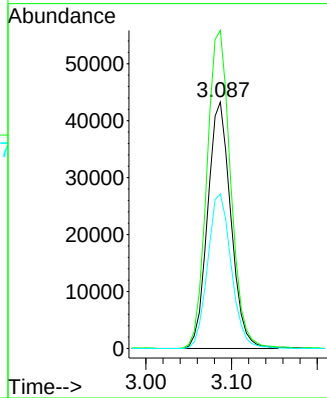
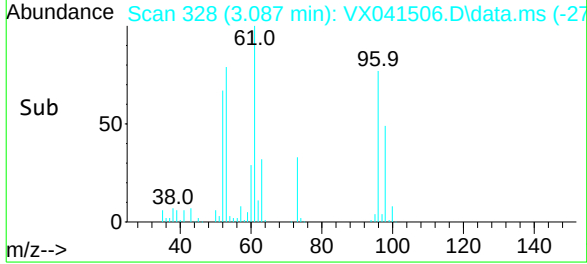
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



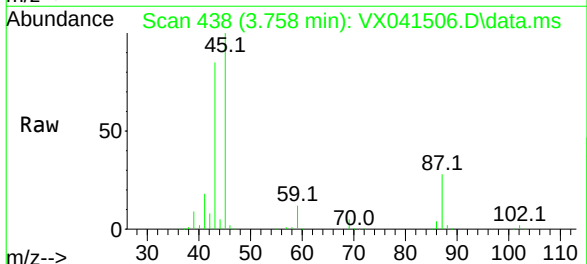
Tgt Ion: 96 Resp: 81416
Ion Ratio Lower Upper
96 100
61 129.0 119.2 178.8
98 62.7 48.7 73.1

Manual Integrations
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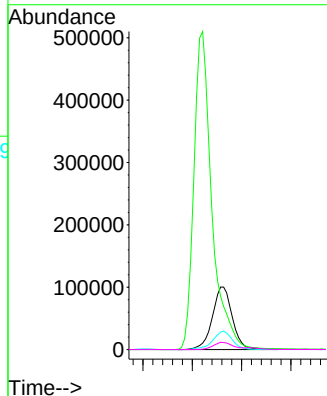
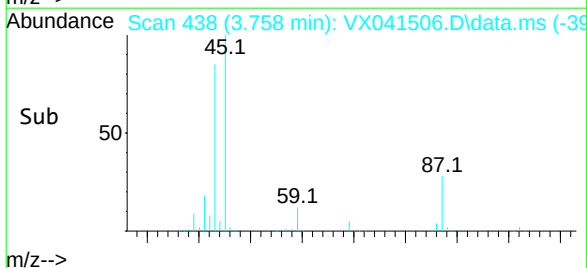
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

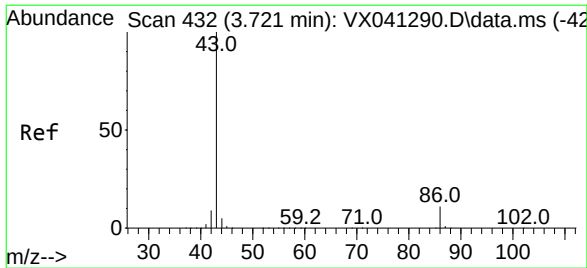


#22
Diisopropyl ether
Concen: 52.241 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37



Tgt Ion: 45 Resp: 281264
Ion Ratio Lower Upper
45 100
43 84.5 69.7 104.5
87 28.0 20.8 31.2
59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 268.822 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1294691

Ion Ratio Lower Upper

43 100

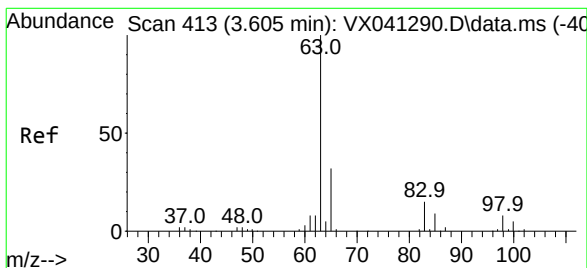
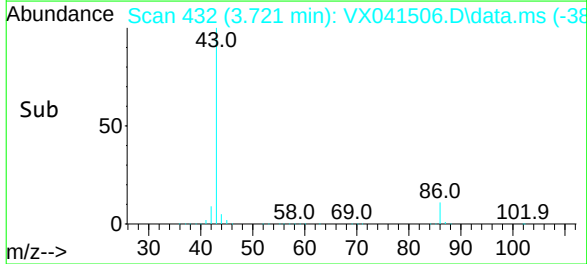
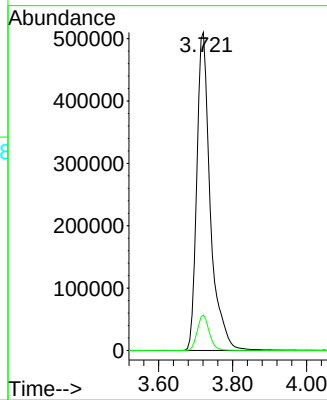
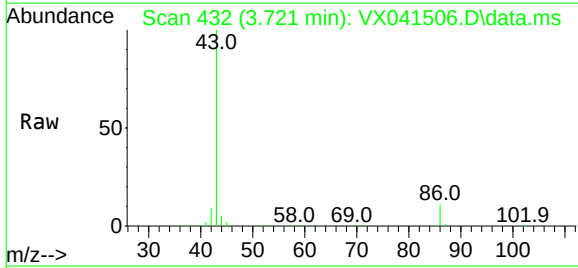
86 11.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#24

1,1-Dichloroethane

Concen: 50.923 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

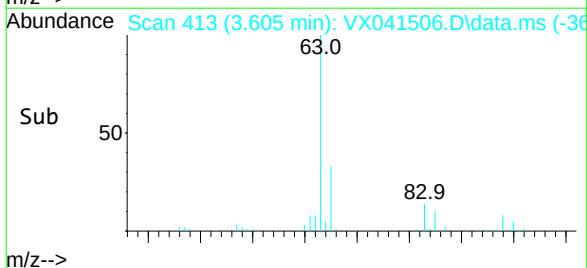
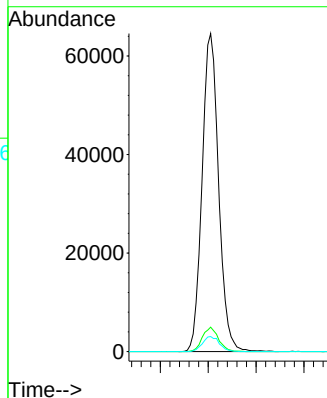
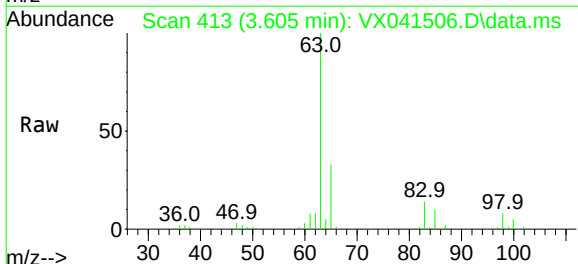
Tgt Ion: 63 Resp: 154893

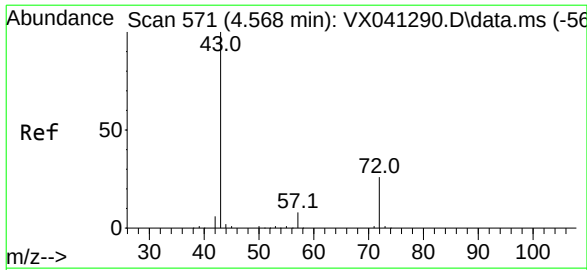
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

100 4.7 2.1 6.5





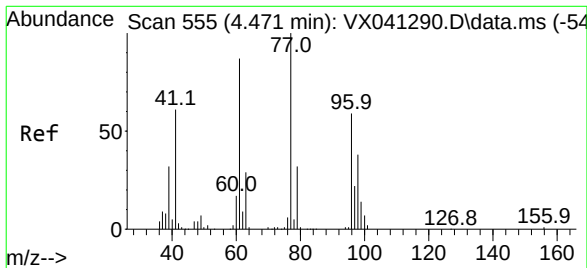
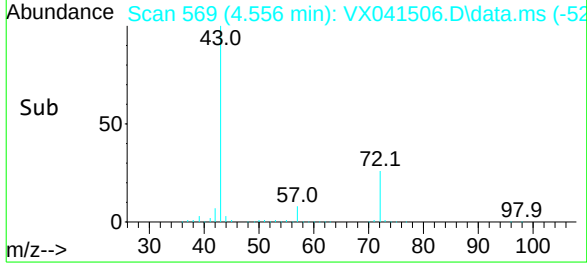
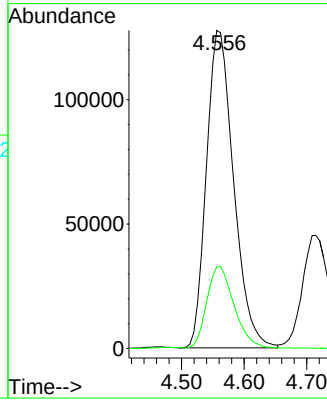
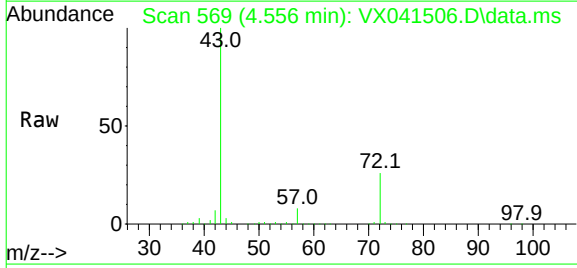
#25
2-Butanone
Concen: 279.882 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 384803
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

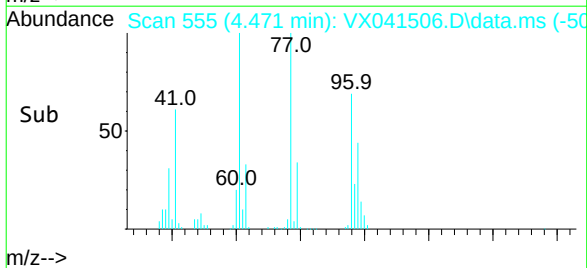
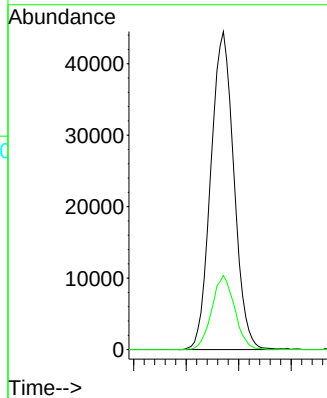
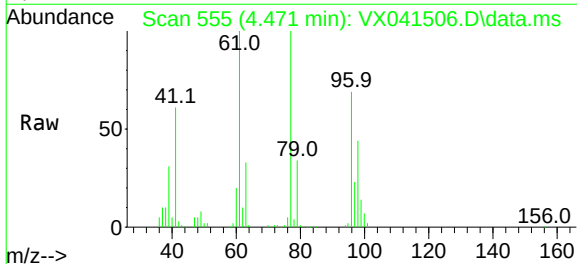
Manual Integrations
APPROVED

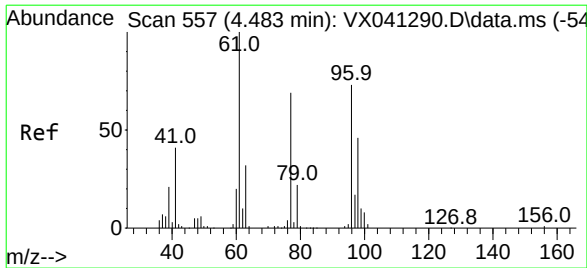
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 53.455 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

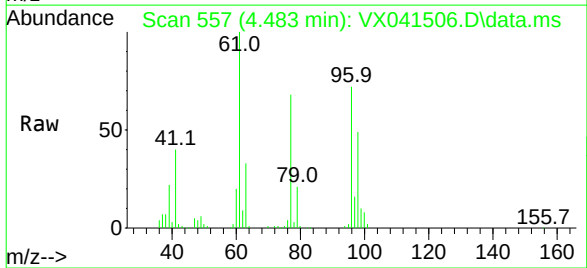
Tgt Ion: 77 Resp: 135945
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 51.078 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

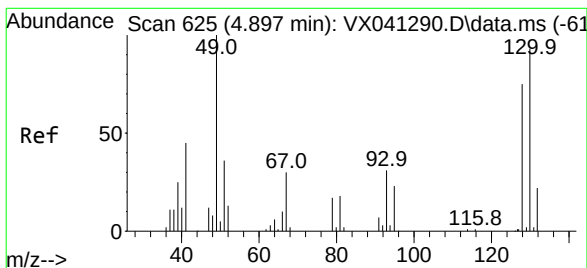
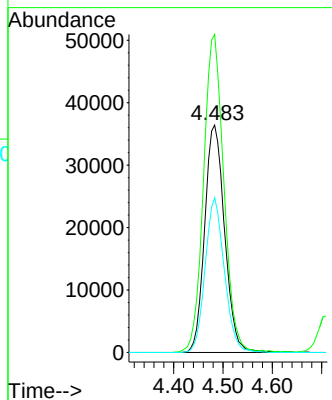
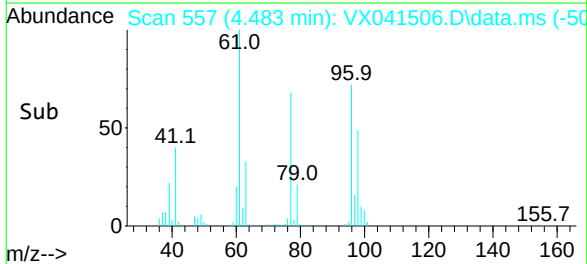
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 102198
Ion Ratio Lower Upper
96 100
61 142.0 0.0 312.2
98 65.7 0.0 129.0

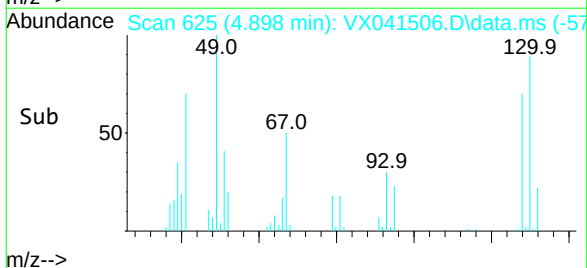
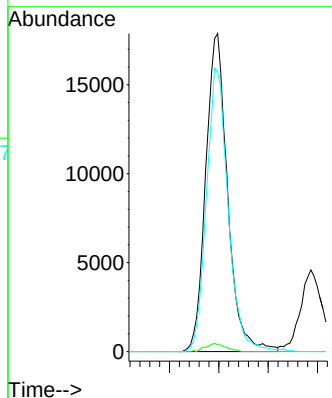
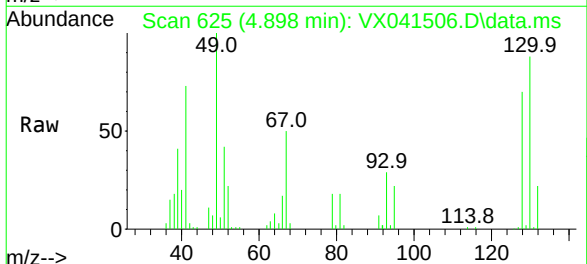
Manual Integrations
APPROVED

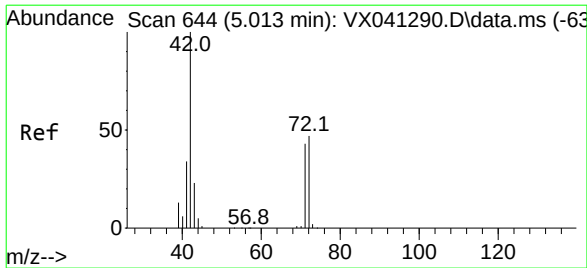
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
Bromochloromethane
Concen: 50.678 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.001 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 49 Resp: 55013
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 88.7 57.5 86.3#





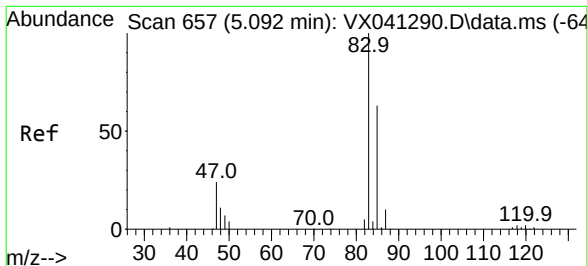
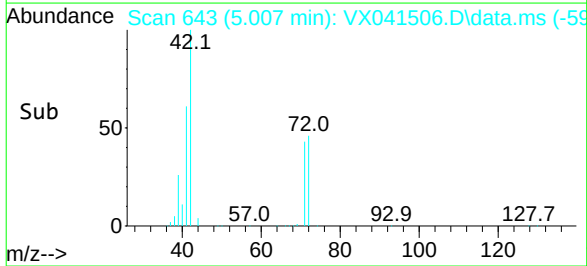
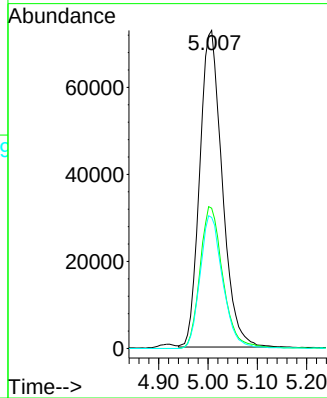
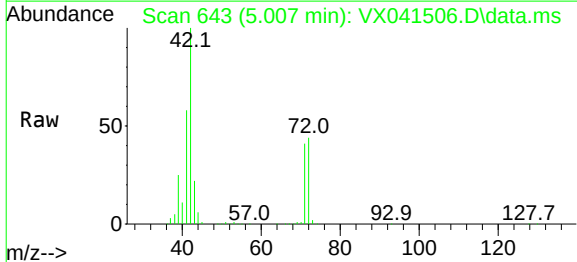
#29
Tetrahydrofuran
Concen: 256.107 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	42	Resp:	230282
Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.2	51.4
71	42.3	32.2	48.2

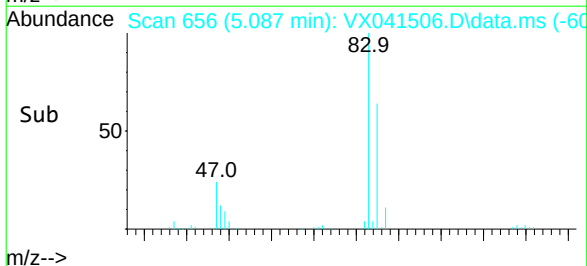
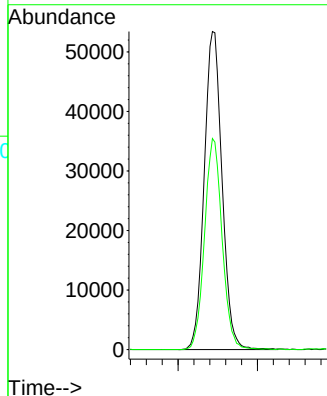
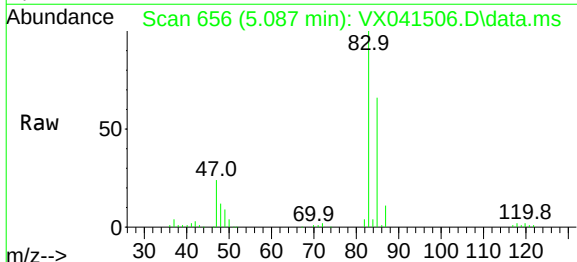
Manual Integrations
APPROVED

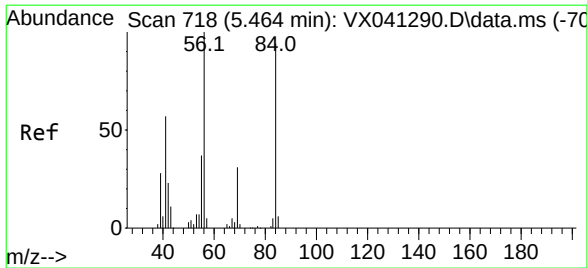
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30
Chloroform
Concen: 52.704 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion:	83	Resp:	166782
Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.3	75.5





#31

Cyclohexane

Concen: 48.229 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX041506.D

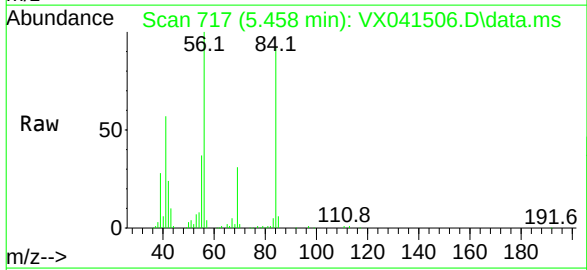
Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 123649

Ion Ratio Lower Upper

56 100

69 30.8 23.4 35.2

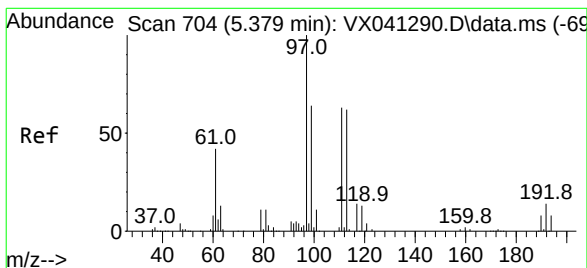
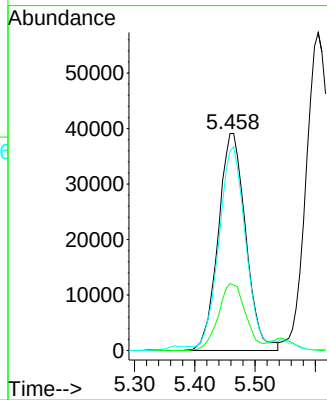
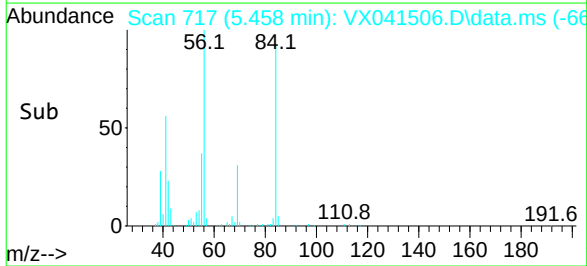
84 90.0 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 51.358 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

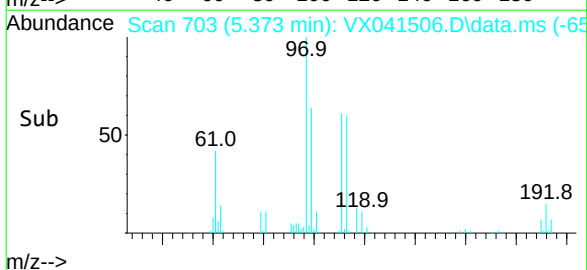
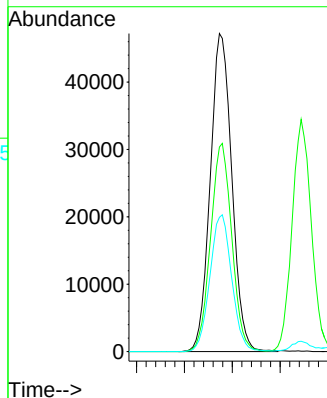
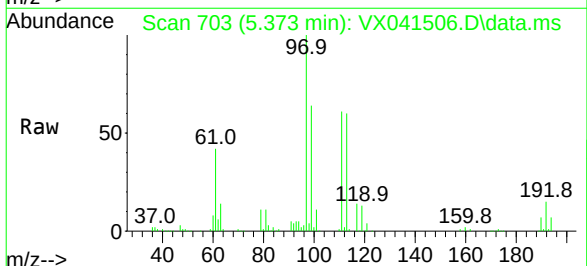
Tgt Ion: 97 Resp: 147864

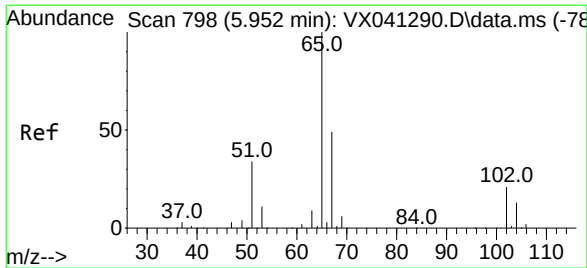
Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 43.5 36.4 54.6





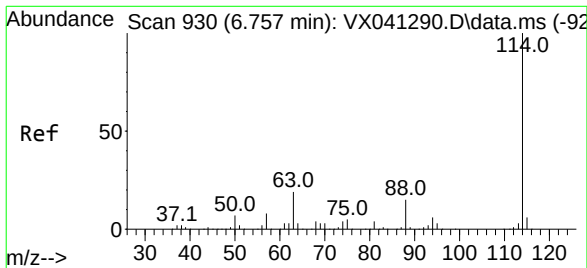
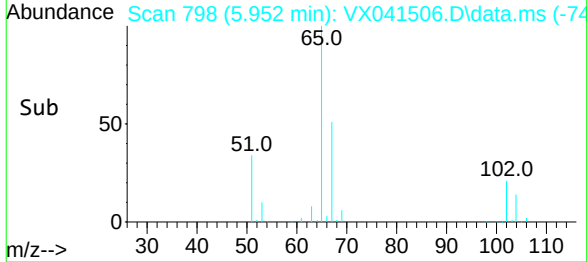
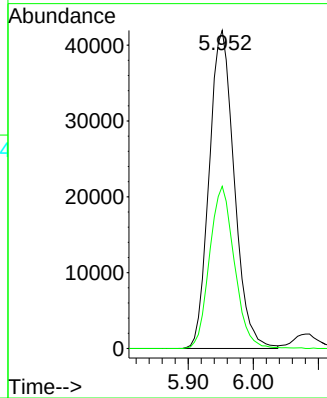
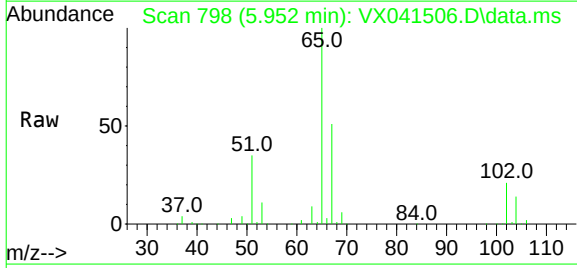
#33
1,2-Dichloroethane-d4
Concen: 52.783 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 112124
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

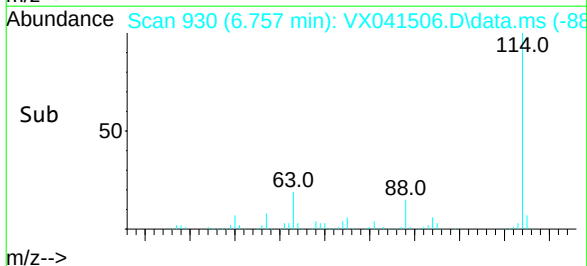
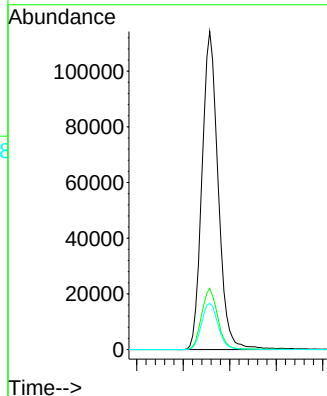
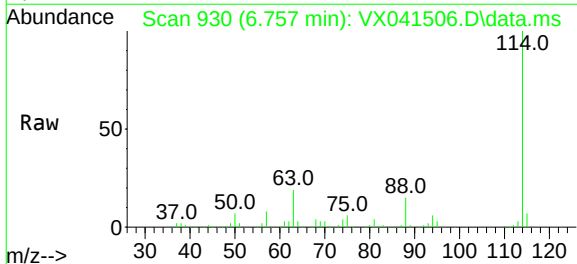
Manual Integrations
APPROVED

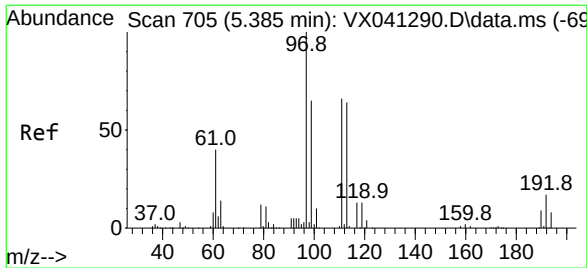
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion:114 Resp: 275774
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 14.5 0.0 36.6





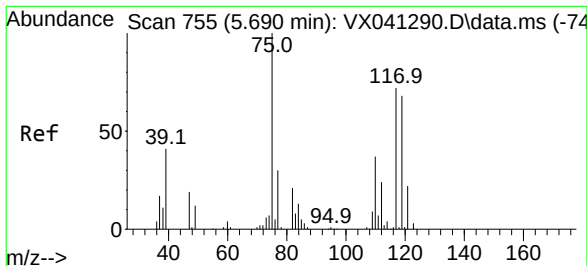
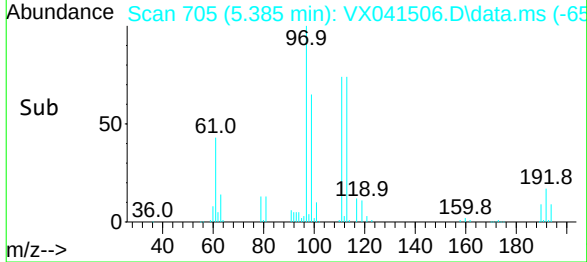
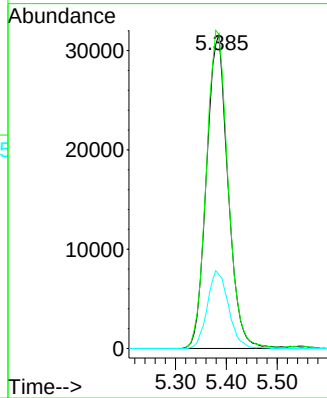
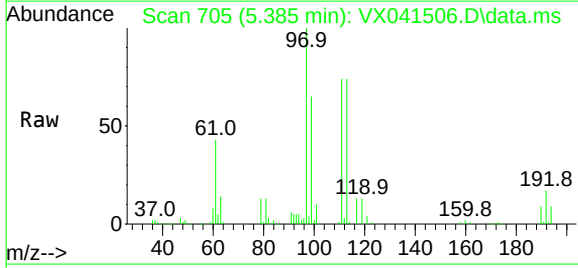
#35
Dibromofluoromethane
Concen: 49.665 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	113	Resp:	92815
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	24.3	13.3	19.9

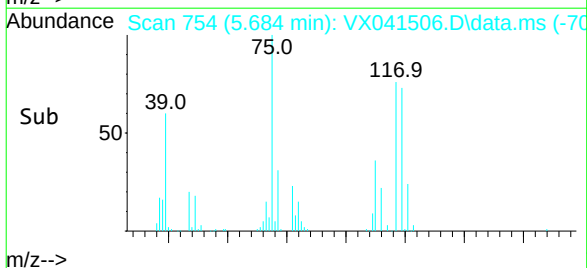
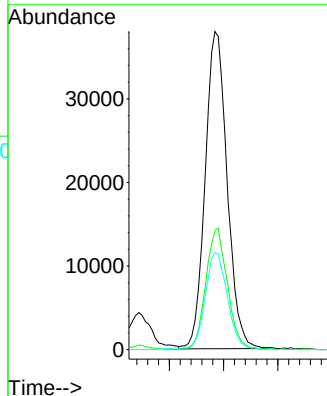
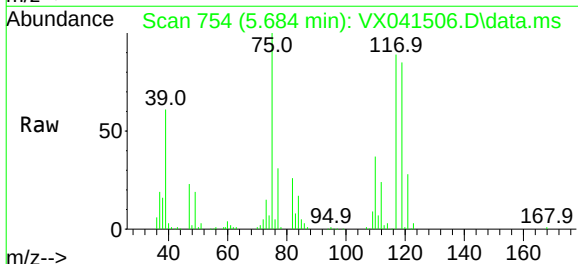
Manual Integrations
APPROVED

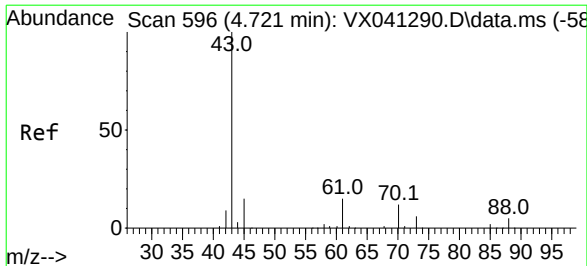
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#36
1,1-Dichloropropene
Concen: 47.820 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion:	75	Resp:	106863
Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.0	50.9
77	31.0	24.7	37.1





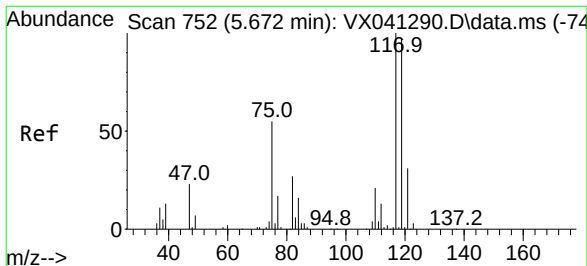
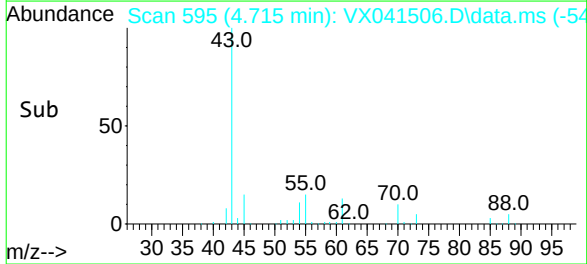
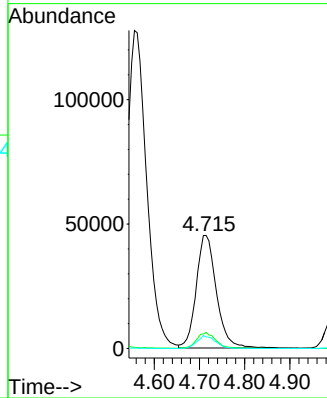
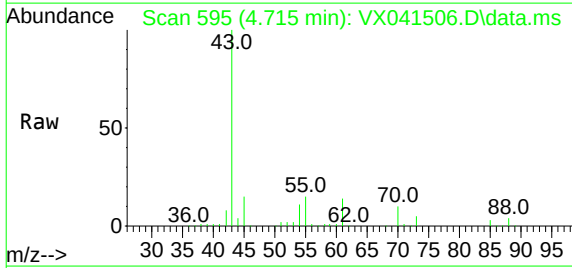
#37
Ethyl Acetate
Concen: 50.248 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 140106
Ion Ratio Lower Upper
43 100
61 13.0 10.6 16.0
70 10.4 8.3 12.5

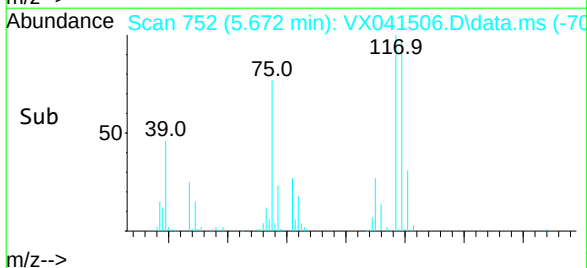
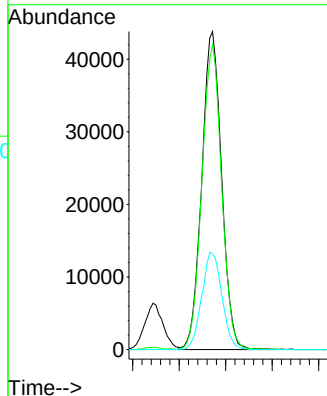
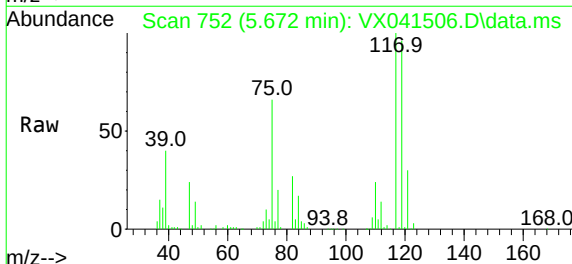
Manual Integrations
APPROVED

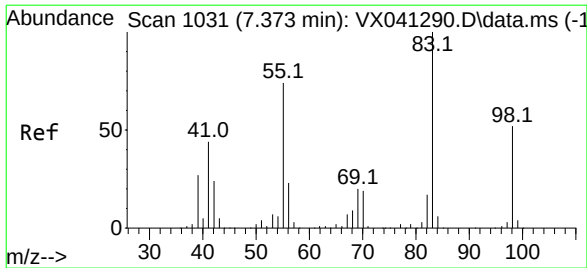
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 50.725 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion:117 Resp: 129858
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 30.1 24.4 36.6





#39
Methylcyclohexane
Concen: 51.354 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

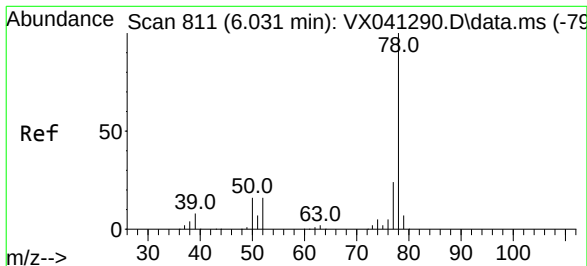
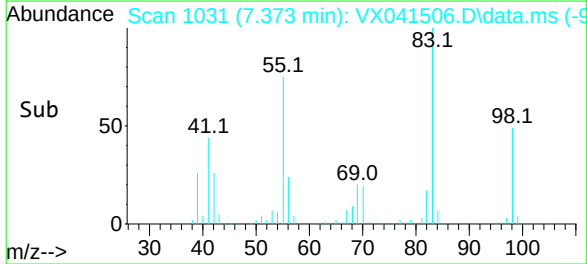
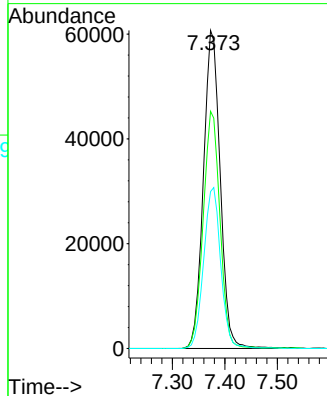
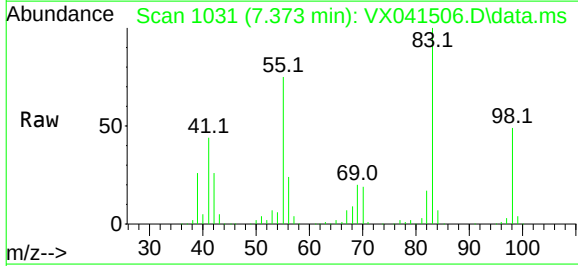
VSTDCCC050

Tgt Ion: 83 Resp: 134822
Ion Ratio Lower Upper
83 100
55 74.6 64.6 97.0
98 49.3 36.7 55.1

Manual Integrations

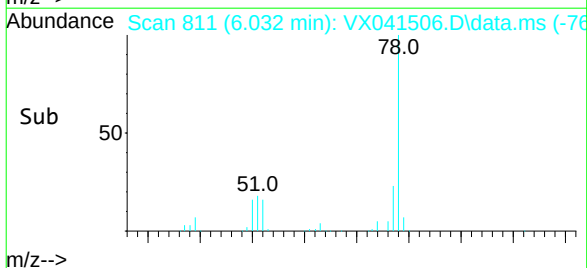
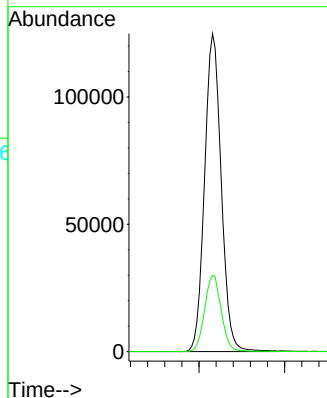
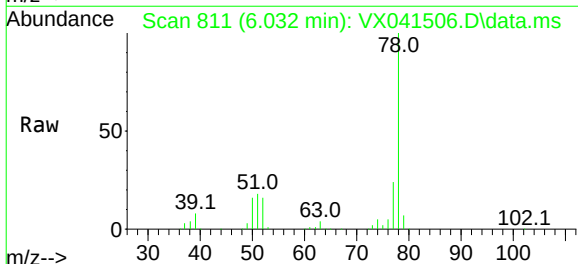
APPROVED

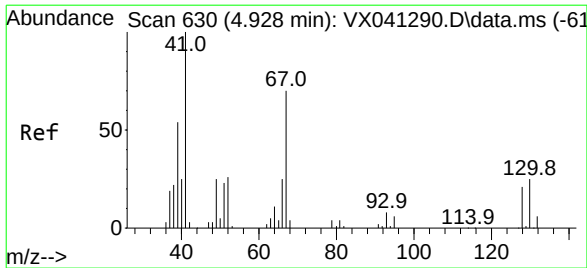
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Benzene
Concen: 48.881 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 78 Resp: 336734
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 53.595 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

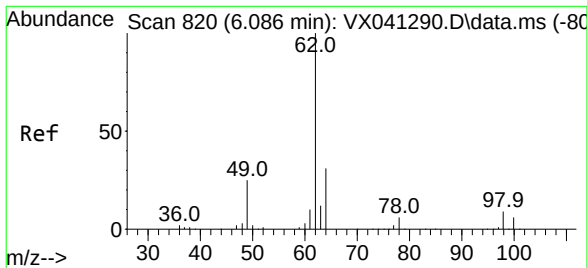
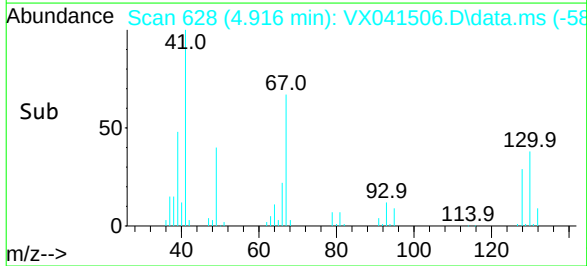
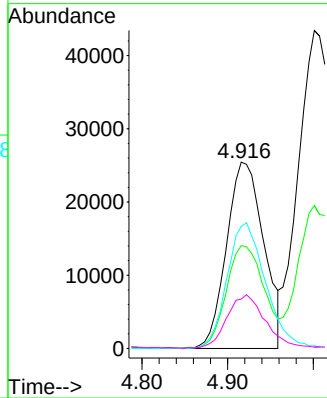
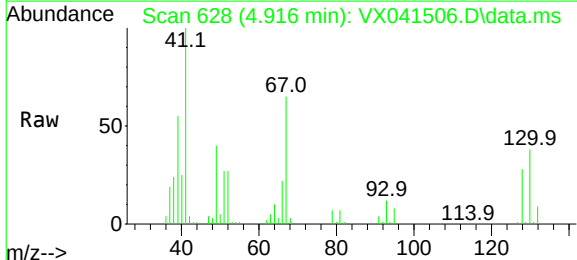
Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.2	67.8
67	70.0	52.6	78.8
52	30.4	22.7	34.1

Manual Integrations

APPROVED

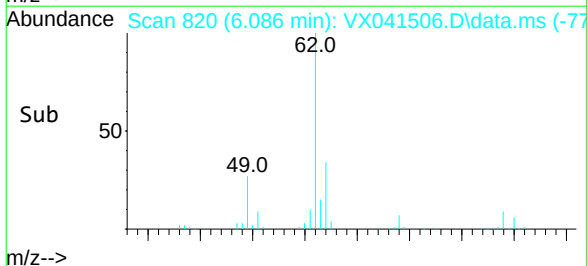
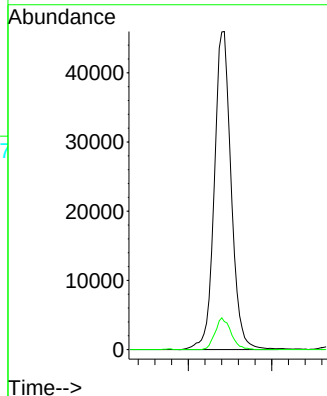
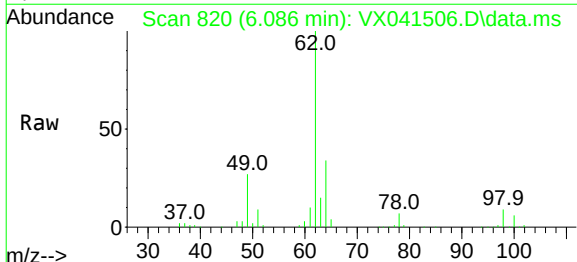
Reviewed By :John Carlone 05/15/2024

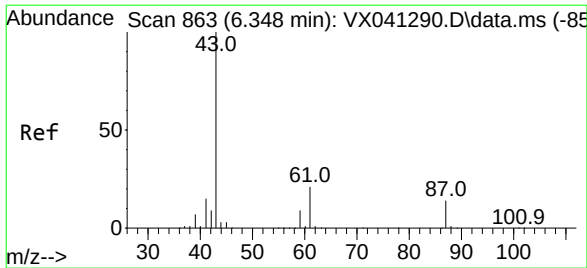
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 51.050 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 52.590 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.012 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

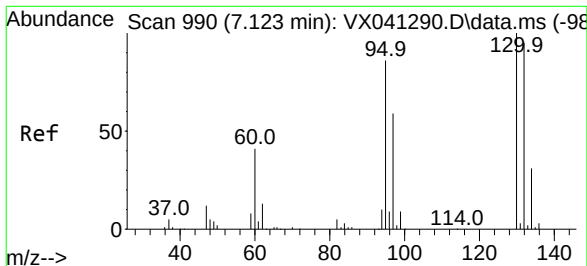
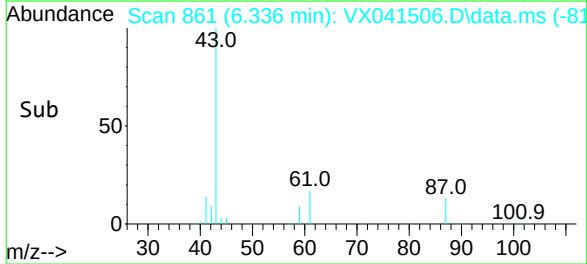
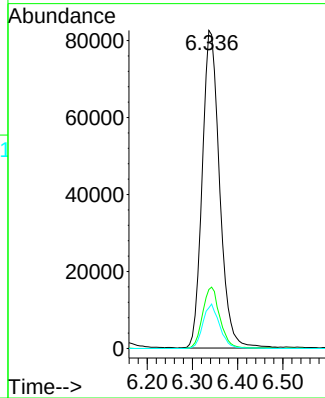
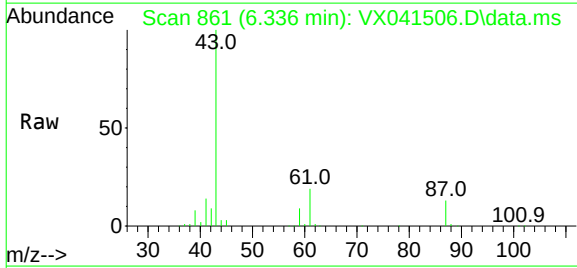
Tgt Ion:	43	Resp:	220474
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	13.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 51.919 ug/l

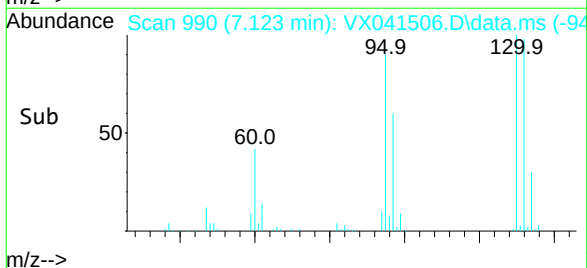
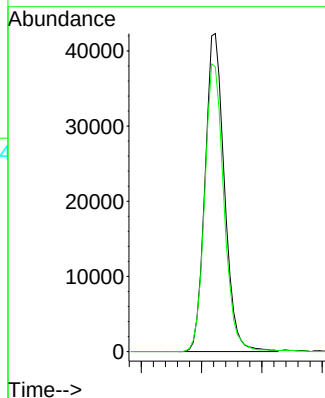
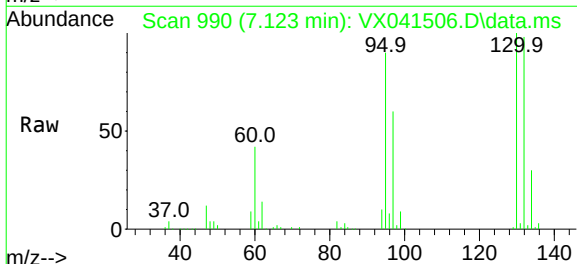
RT: 7.123 min Scan# 990

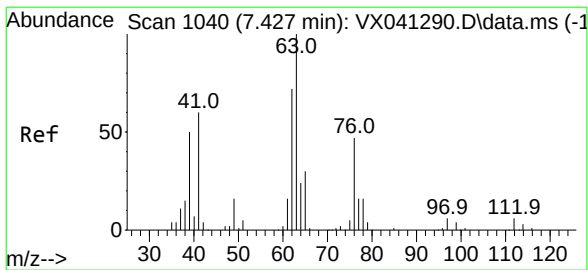
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	130	Resp:	94445
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 54.033 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 83167

Ion Ratio Lower Upper

63 100

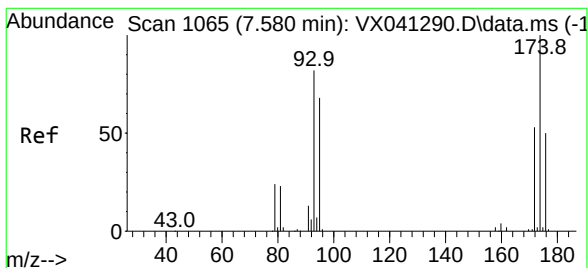
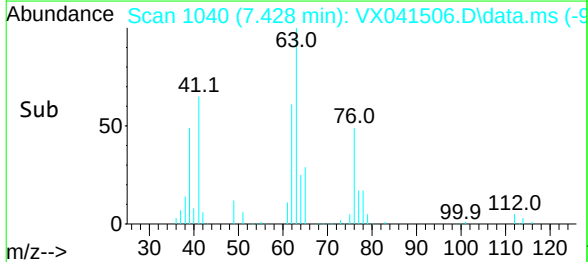
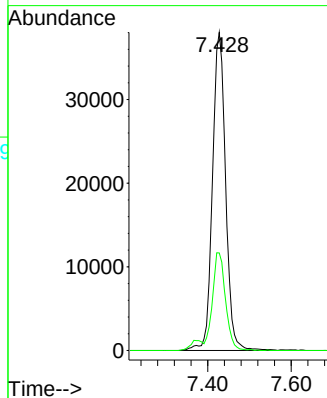
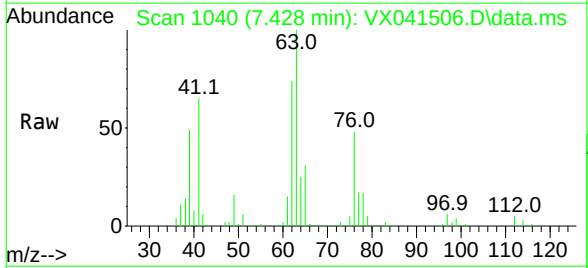
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#46

Dibromomethane

Concen: 52.713 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

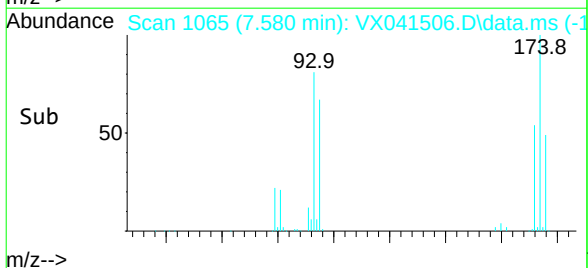
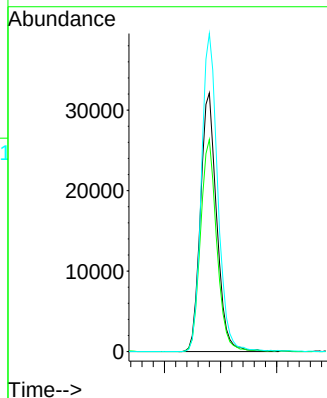
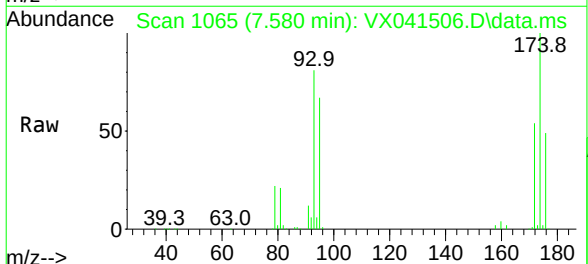
Tgt Ion: 93 Resp: 64589

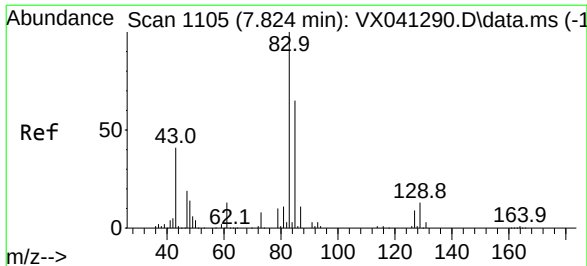
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 122.8 69.4 104.0#





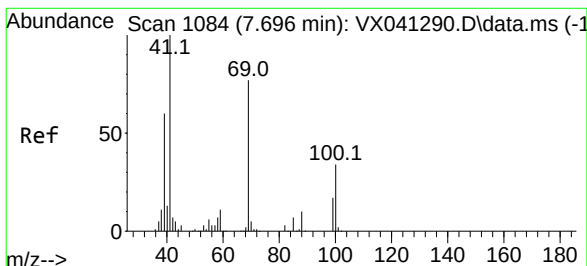
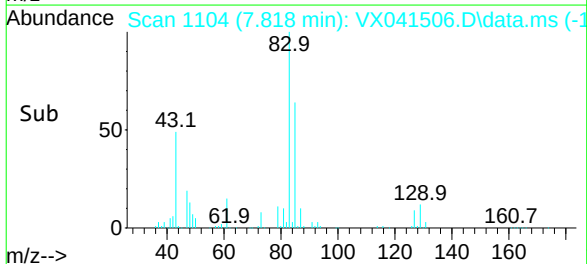
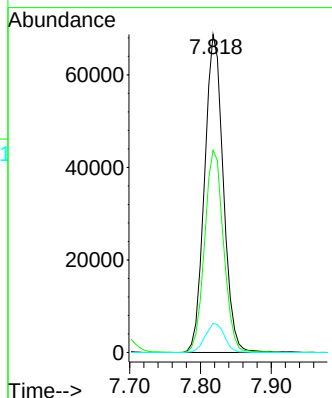
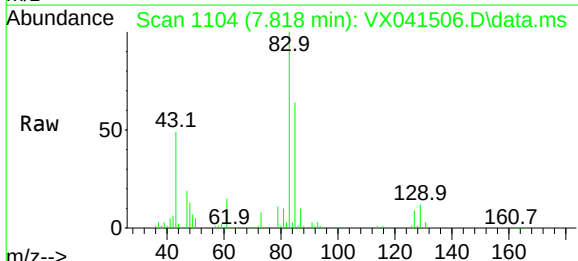
#47
Bromodichloromethane
Concen: 57.847 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 126308
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 9.2 7.1 10.7

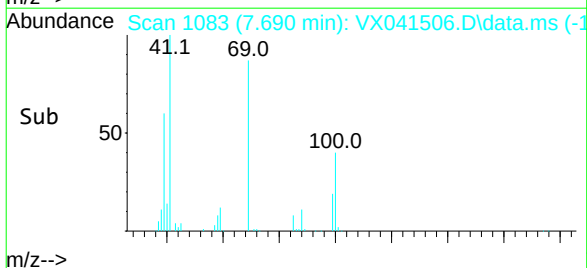
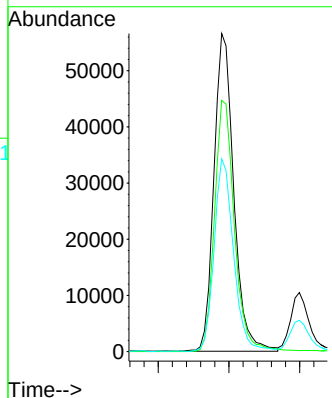
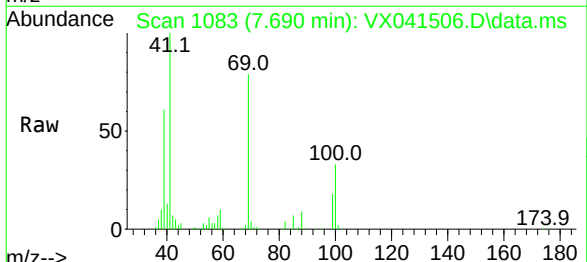
Manual Integrations
APPROVED

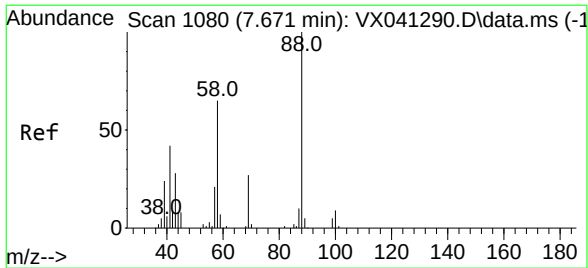
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 57.204 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

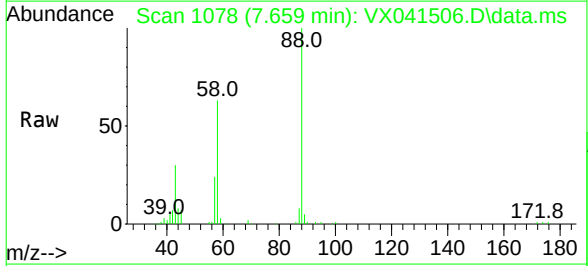
Tgt Ion: 41 Resp: 109935
Ion Ratio Lower Upper
41 100
69 79.3 59.2 88.8
39 59.6 47.7 71.5





#49
1,4-Dioxane
Concen: 1100.570 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

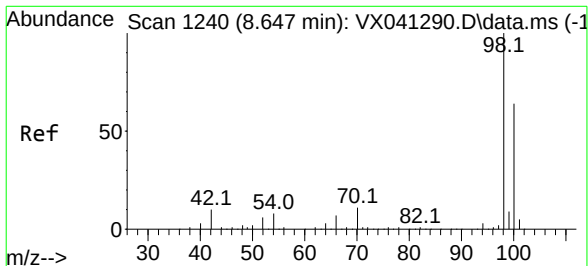
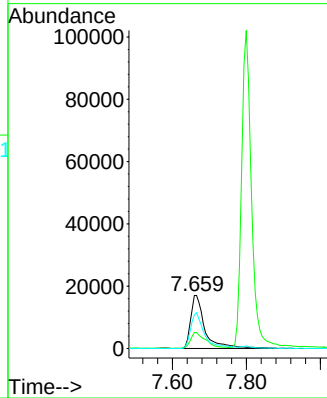
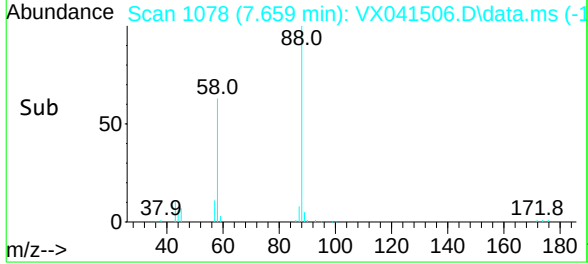
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 45729
Ion Ratio Lower Upper
88 100
43 31.8 0.0 0.0#
58 64.6 60.1 90.1

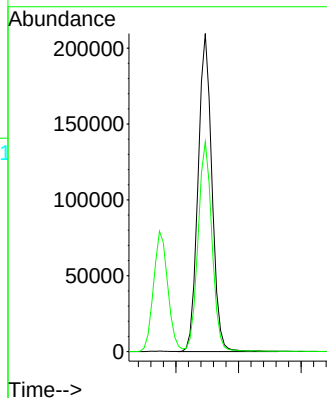
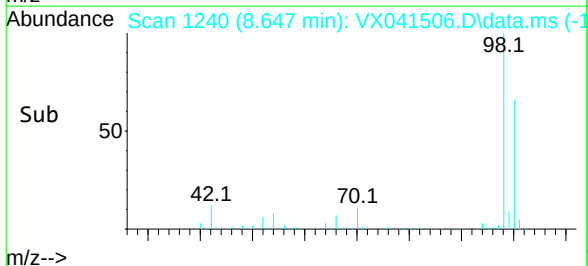
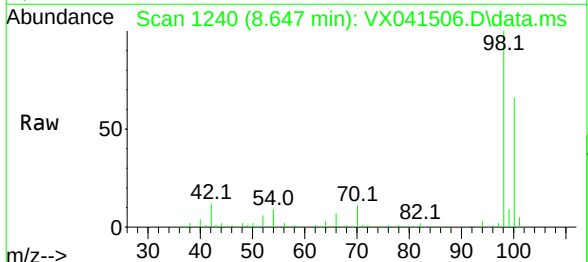
Manual Integrations
APPROVED

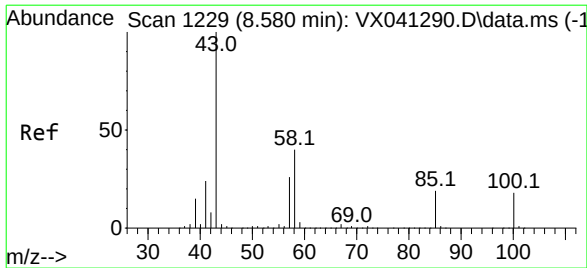
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 54.449 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 98 Resp: 322068
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





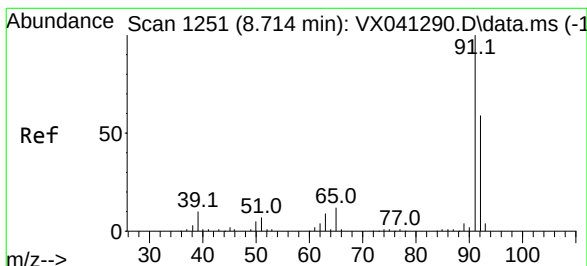
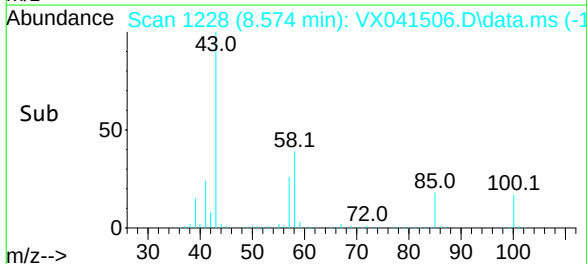
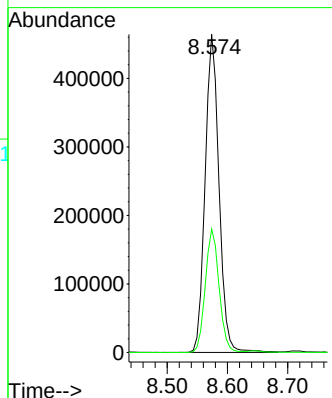
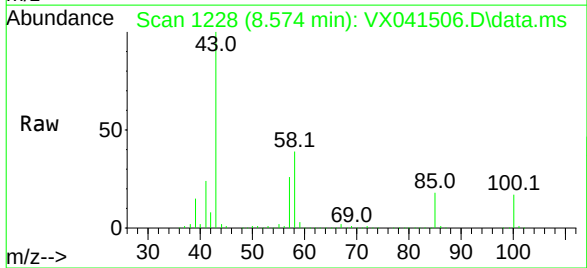
#51
4-Methyl-2-Pentanone
Concen: 295.065 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 742273
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

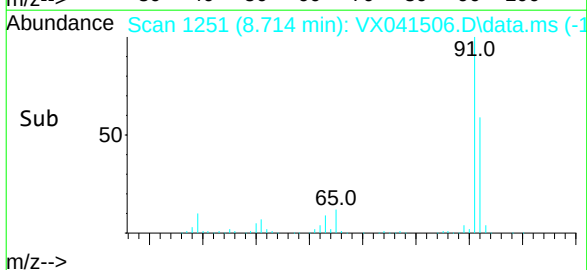
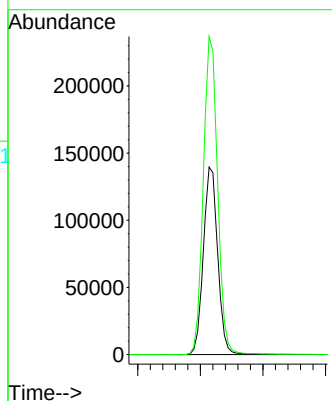
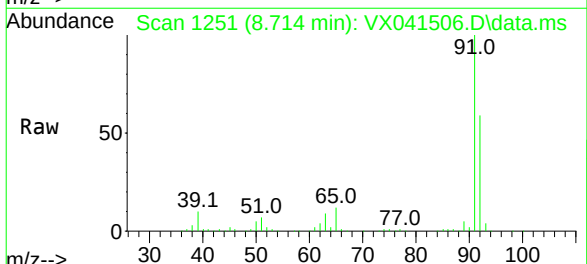
Manual Integrations
APPROVED

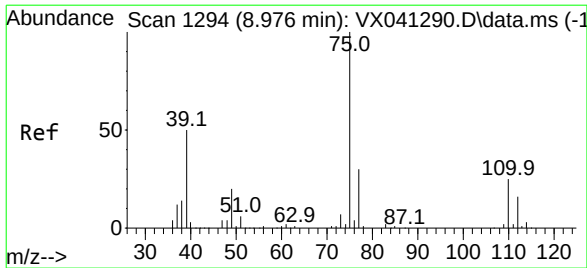
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
Toluene
Concen: 52.706 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 92 Resp: 222111
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2





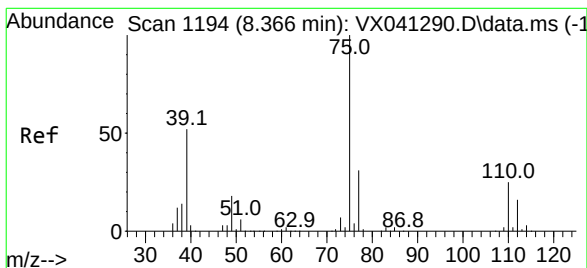
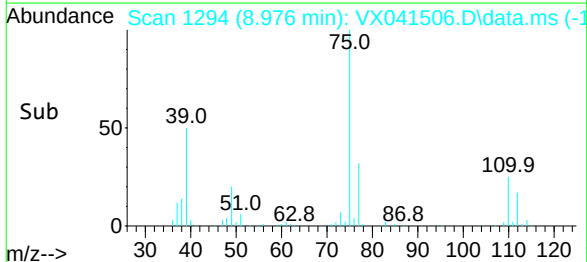
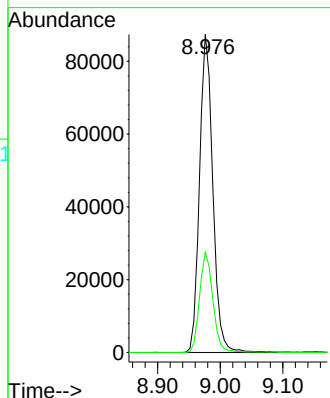
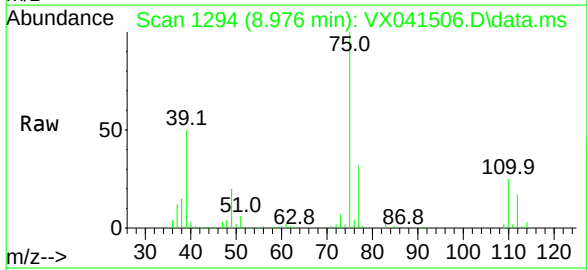
#53
t-1,3-Dichloropropene
Concen: 50.698 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 128775
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

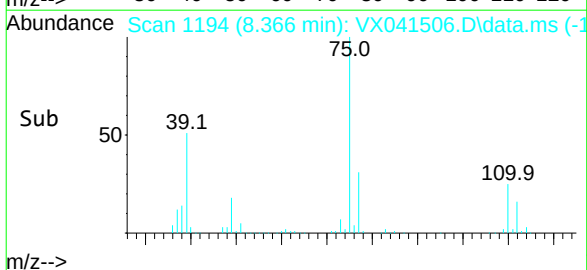
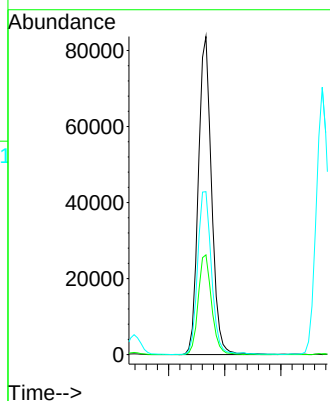
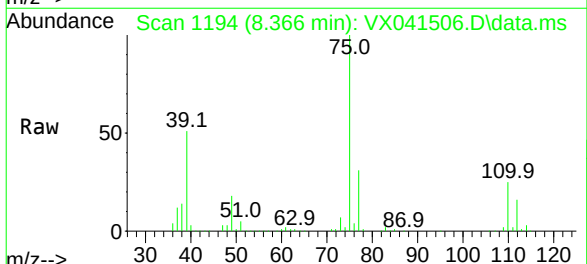
Manual Integrations
APPROVED

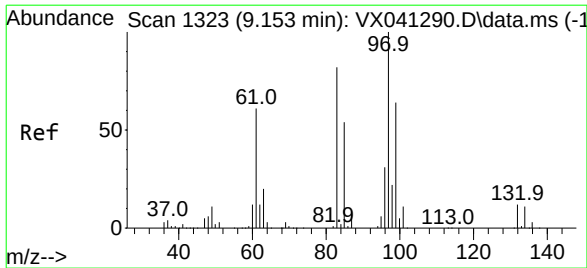
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#54
cis-1,3-Dichloropropene
Concen: 56.964 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 75 Resp: 136739
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 51.2 46.7 70.1





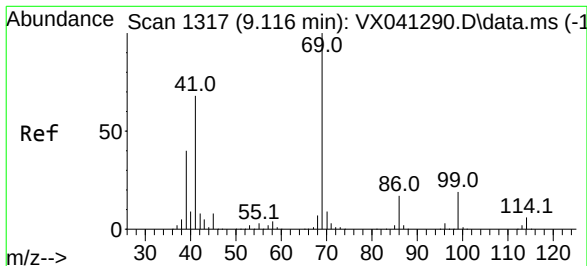
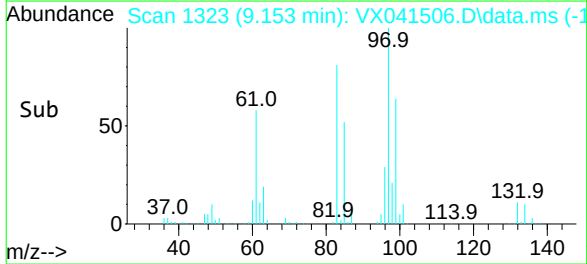
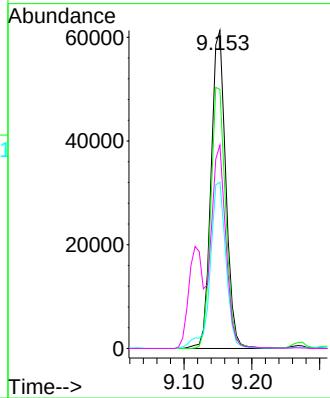
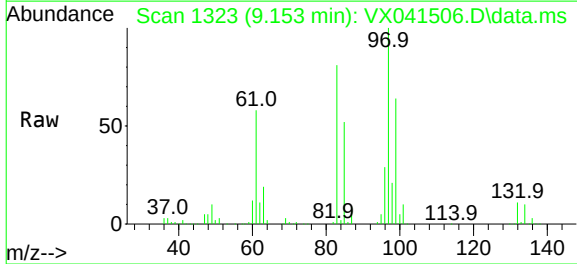
#55
1,1,2-Trichloroethane
Concen: 57.147 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	92744
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.8	98.8
85	52.3	41.6	62.4
99	63.9	47.8	71.8

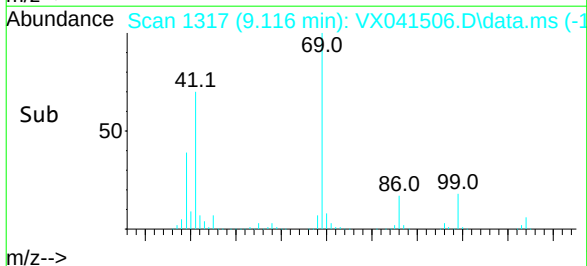
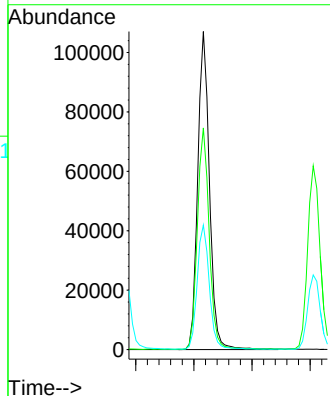
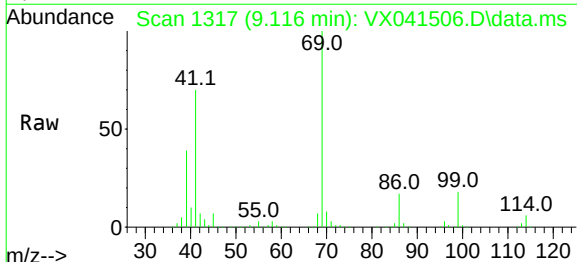
Manual Integrations
APPROVED

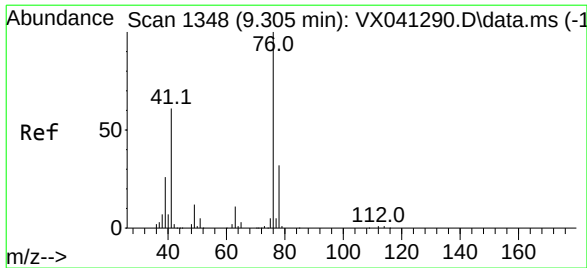
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Ethyl methacrylate
Concen: 59.790 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

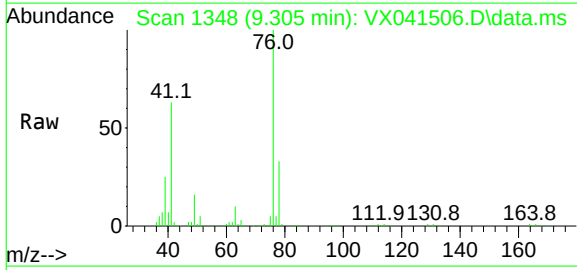
Tgt Ion:	69	Resp:	150171
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.8	85.2
39	40.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 54.849 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

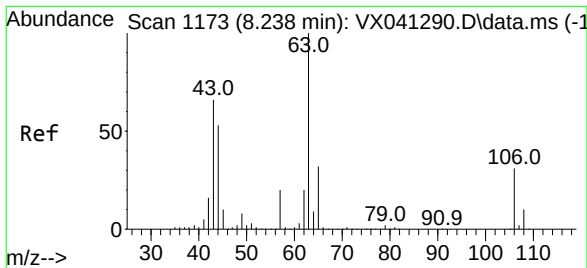
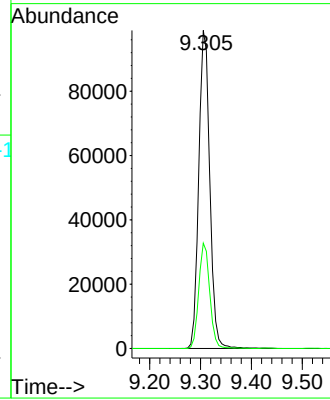
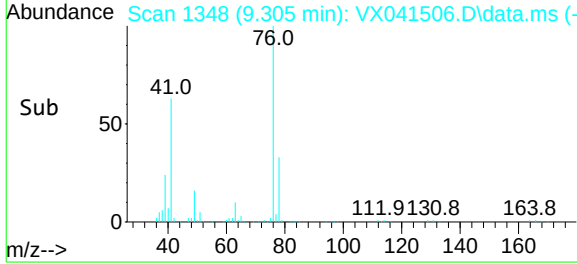
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 148559
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

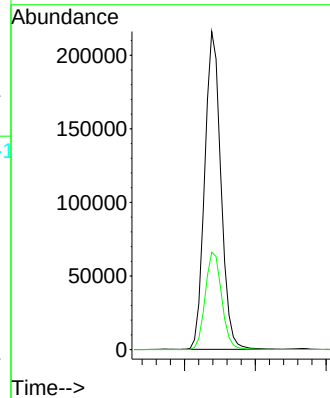
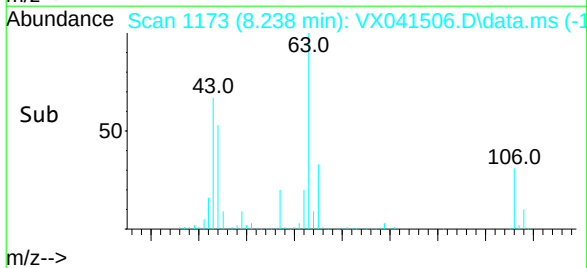
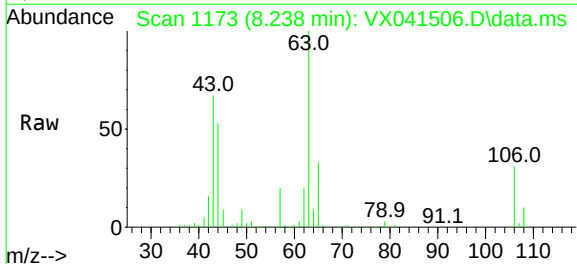
Manual Integrations
APPROVED

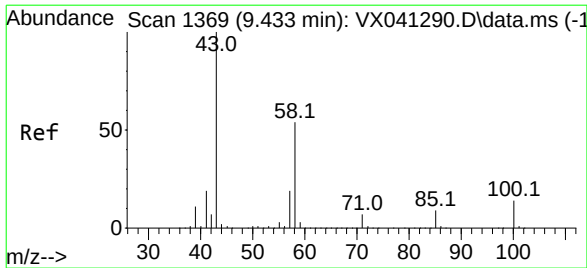
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 281.677 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 63 Resp: 343039
Ion Ratio Lower Upper
63 100
106 31.3 22.5 33.7





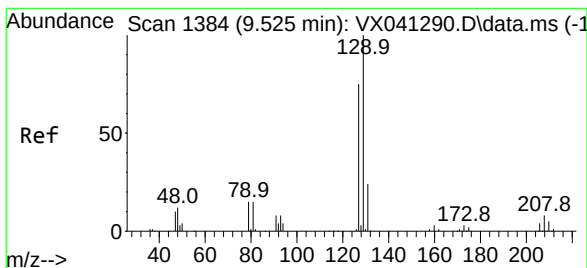
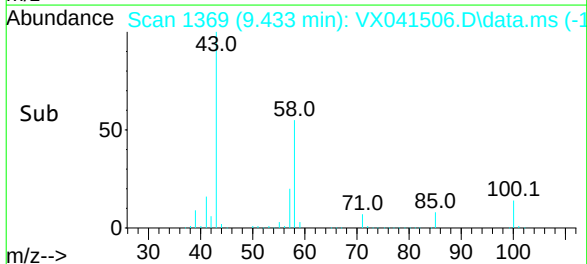
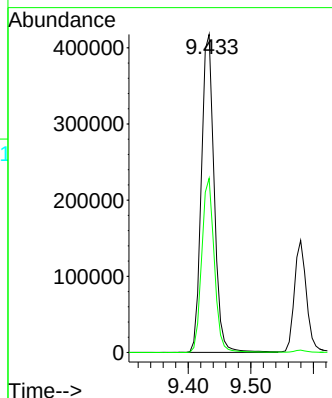
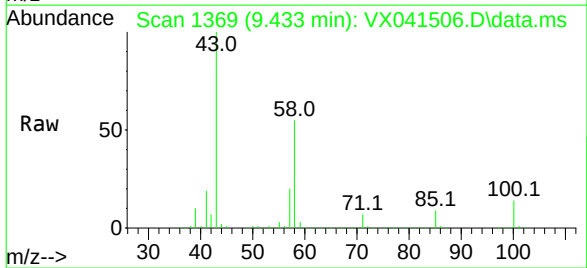
#59
2-Hexanone
Concen: 294.476 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 592361
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5

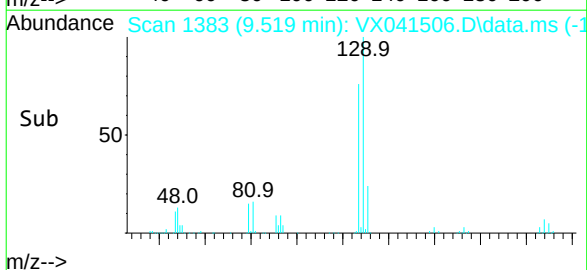
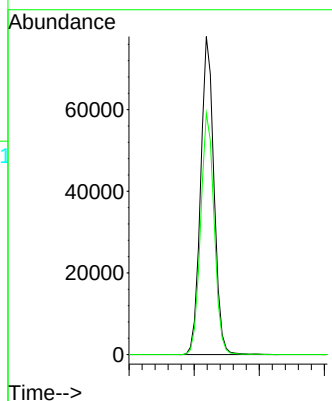
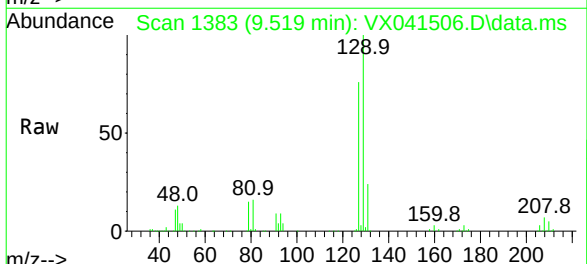
Manual Integrations
APPROVED

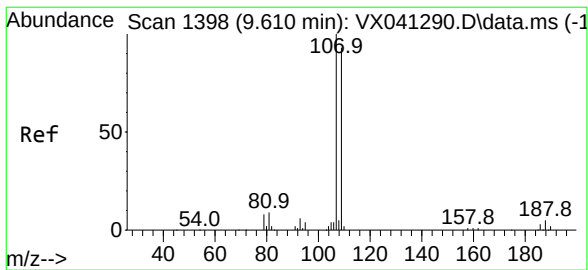
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 57.967 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

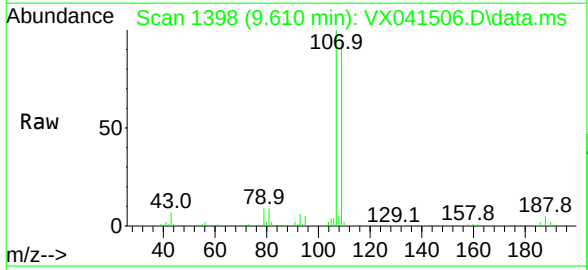
Tgt Ion:129 Resp: 110748
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.189 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

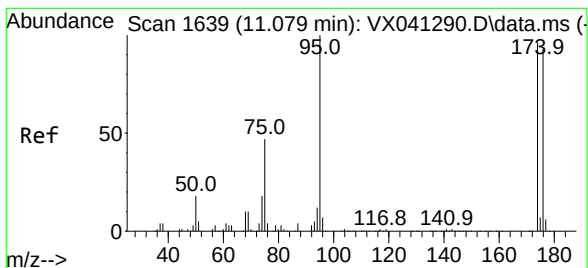
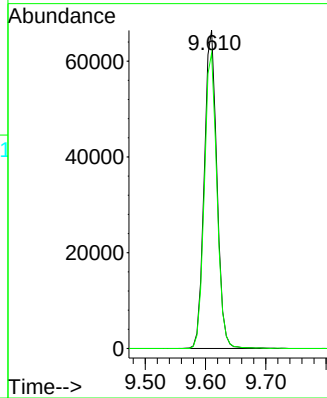
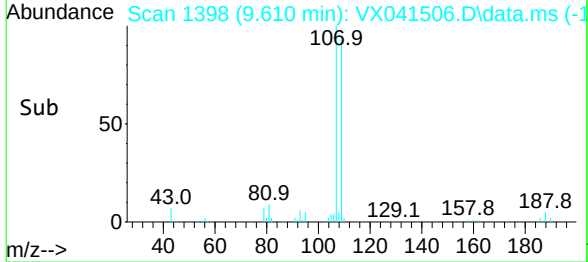
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



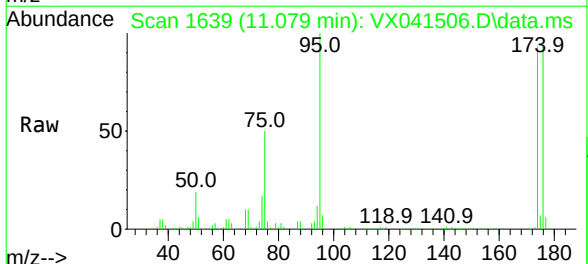
Tgt Ion: 107 Resp: 96751
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

Manual Integrations
APPROVED

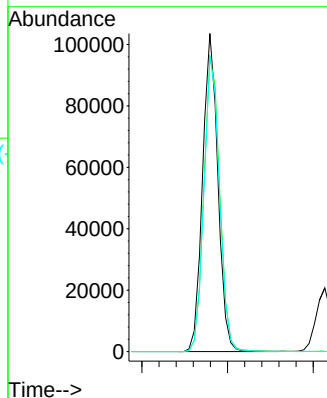
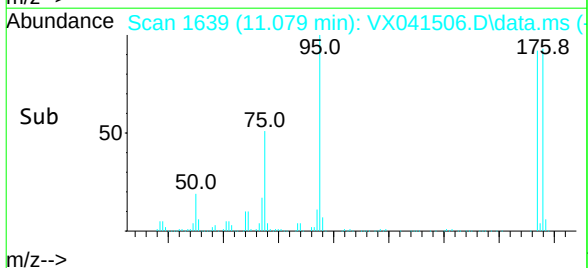
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024

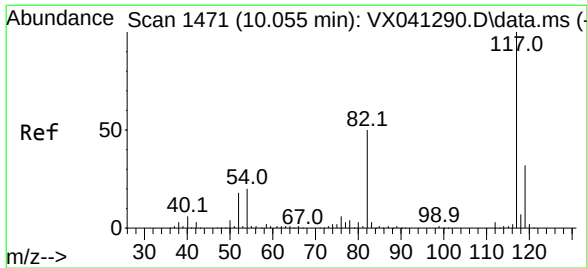


#62
4-Bromofluorobenzene
Concen: 56.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37



Tgt Ion: 95 Resp: 128332
Ion Ratio Lower Upper
95 100
174 96.2 0.0 135.6
176 94.4 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: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

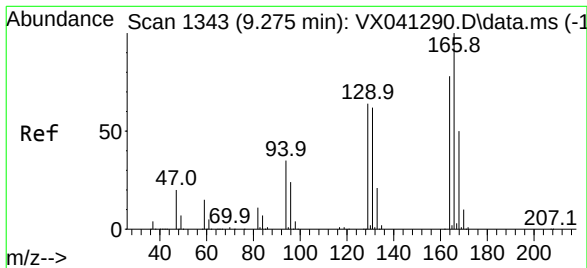
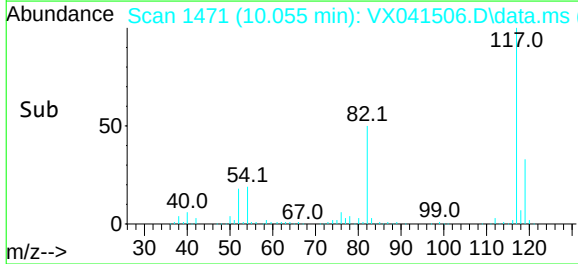
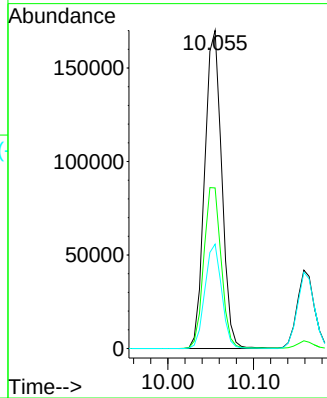
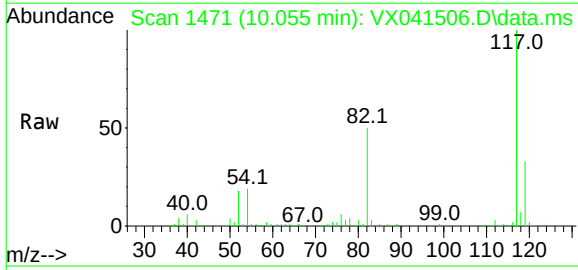
Tgt Ion:	117	Resp:	234997
Ion	Ratio	Lower	Upper
117	100		
82	50.5	46.2	69.4
119	32.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#64

Tetrachloroethene

Concen: 53.151 ug/l

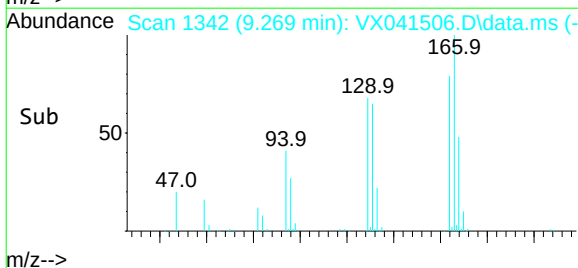
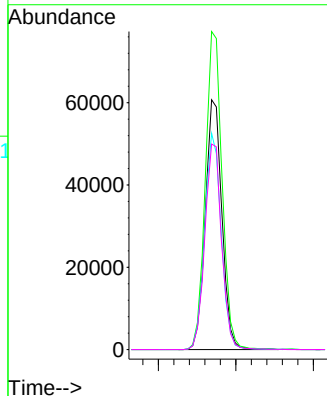
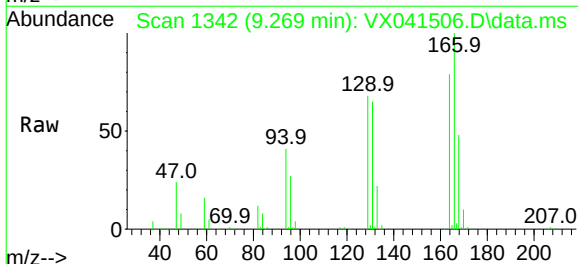
RT: 9.269 min Scan# 1342

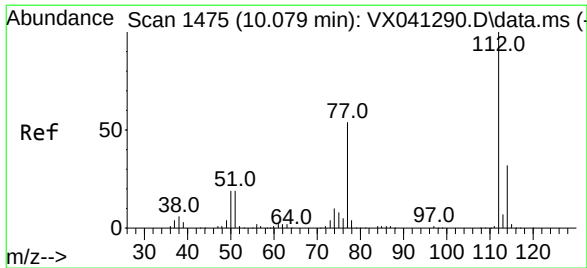
Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	164	Resp:	90446
Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.7	154.1
129	86.6	80.4	120.6
131	82.3	76.5	114.7





#65

Chlorobenzene

Concen: 50.962 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 243117

Ion Ratio Lower Upper

112 100

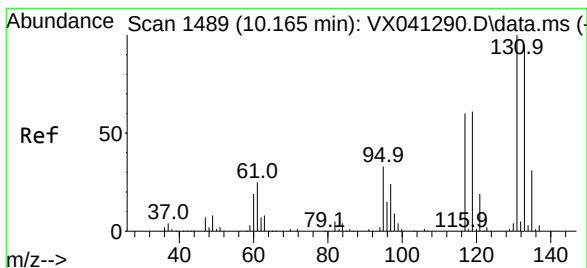
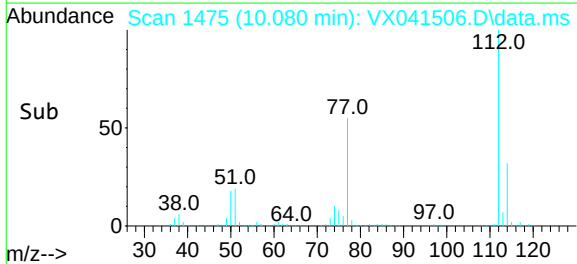
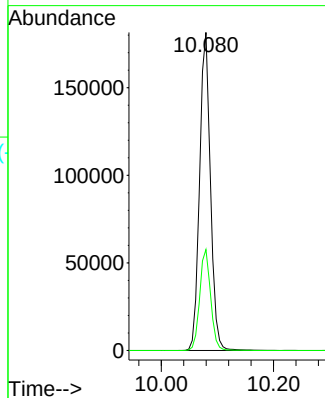
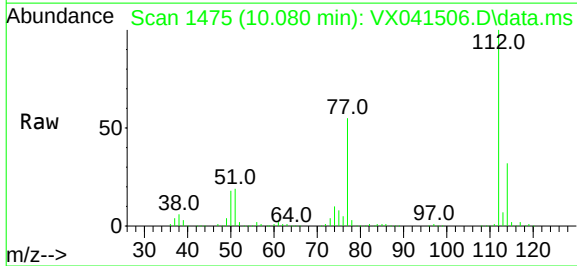
114 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 53.361 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

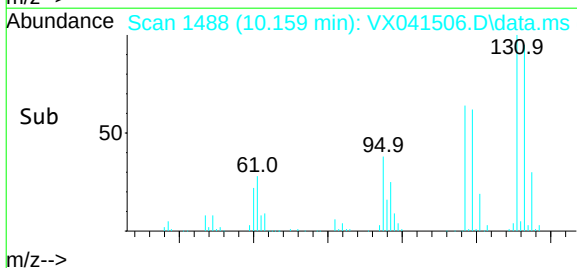
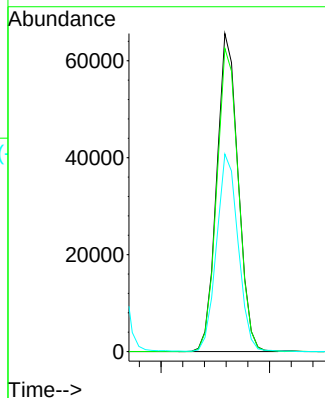
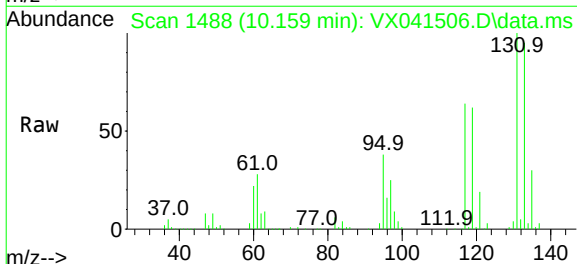
Tgt Ion:131 Resp: 89945

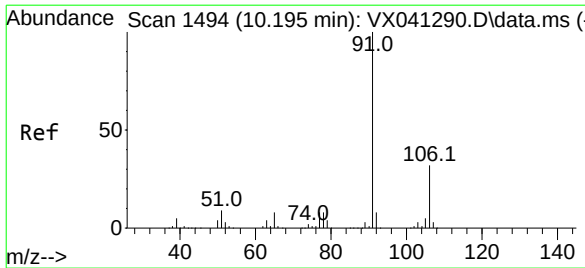
Ion Ratio Lower Upper

131 100

133 96.3 47.1 141.4

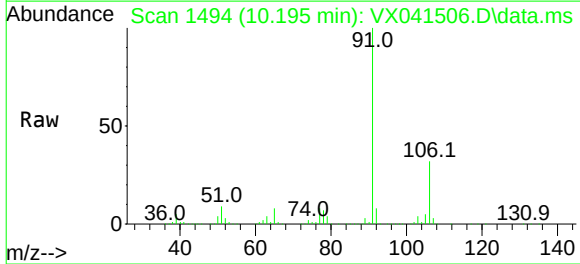
119 62.7 32.2 96.6





#67
Ethyl Benzene
Concen: 49.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

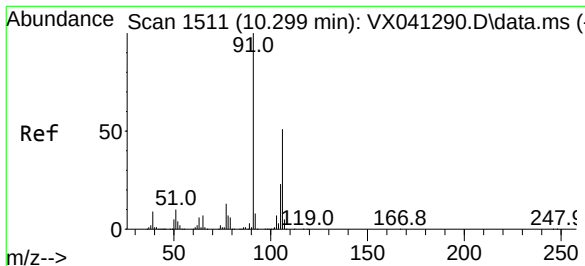
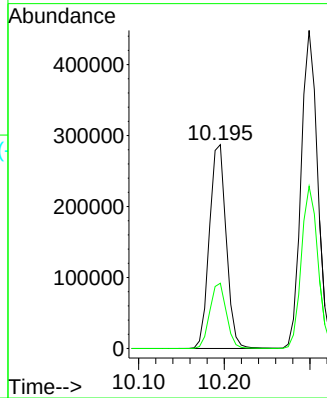
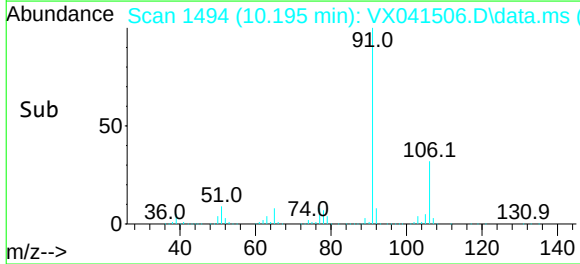
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



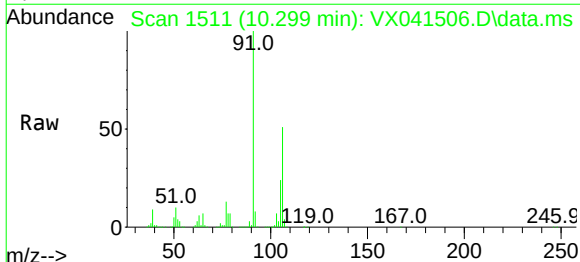
Tgt Ion: 91 Resp: 391714
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

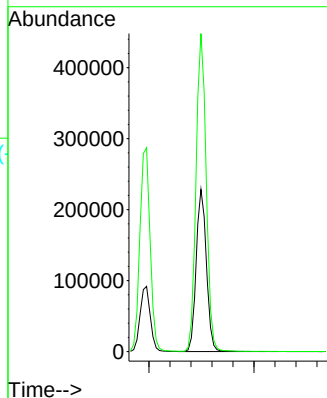
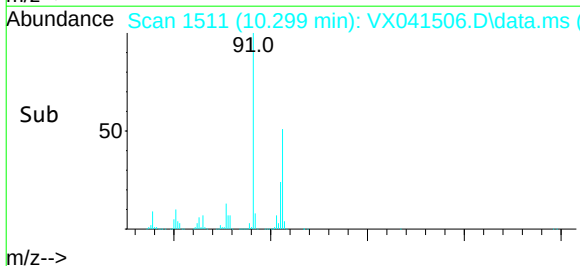
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

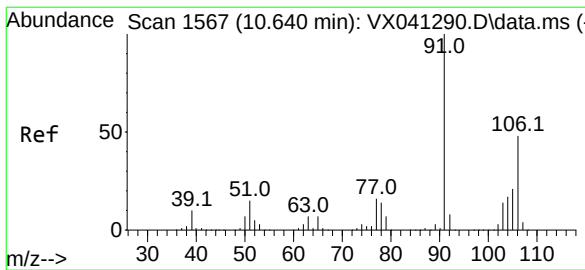


#68
m/p-Xylenes
Concen: 97.736 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37



Tgt Ion:106 Resp: 308049
Ion Ratio Lower Upper
106 100
91 195.0 165.5 248.3





#69

o-Xylene

Concen: 50.222 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 151563

Ion Ratio Lower Upper

106 100

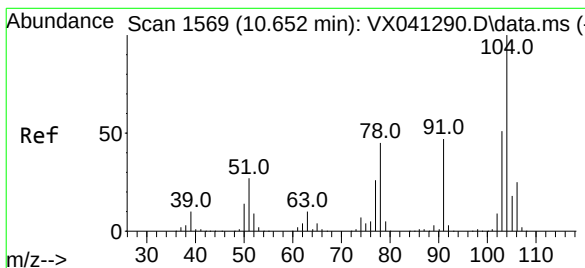
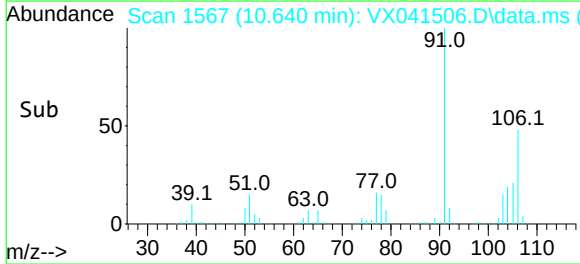
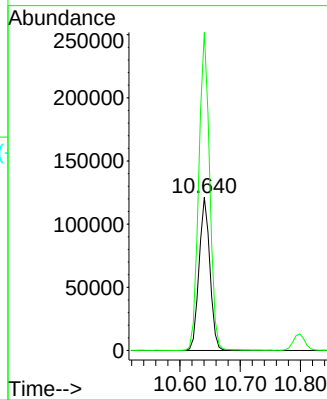
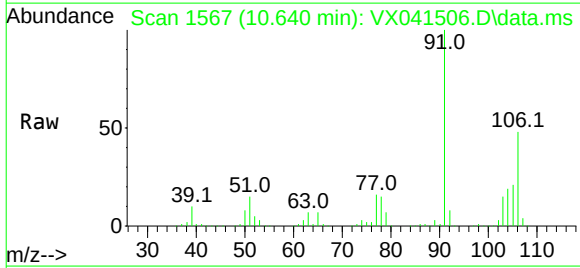
91 207.9 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 53.118 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

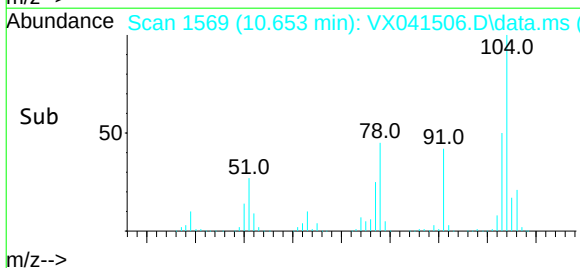
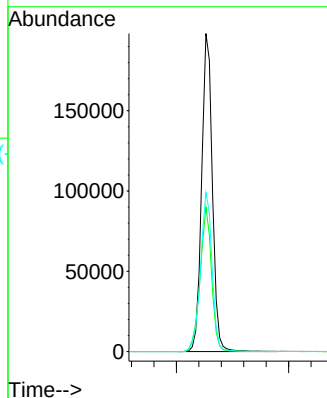
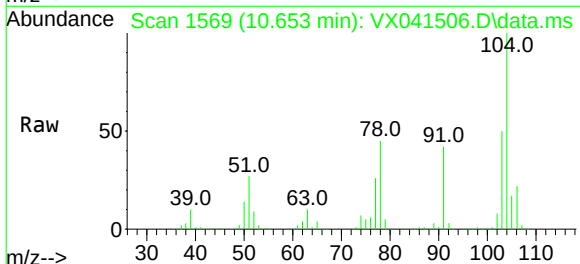
Tgt Ion:104 Resp: 263043

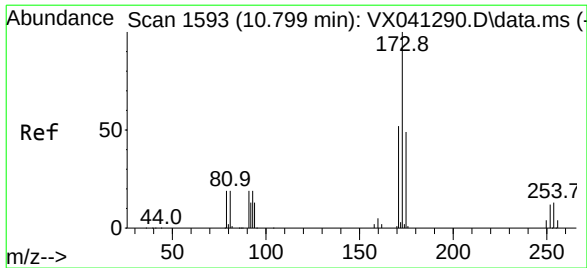
Ion Ratio Lower Upper

104 100

78 48.5 43.6 65.4

103 54.0 43.6 65.4





#71

Bromoform

Concen: 58.971 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

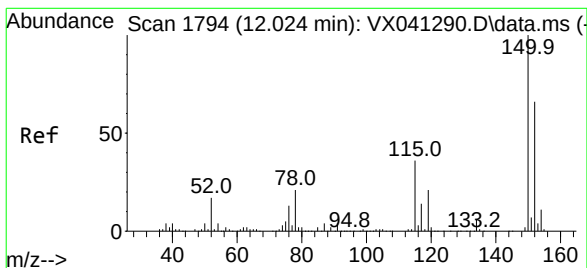
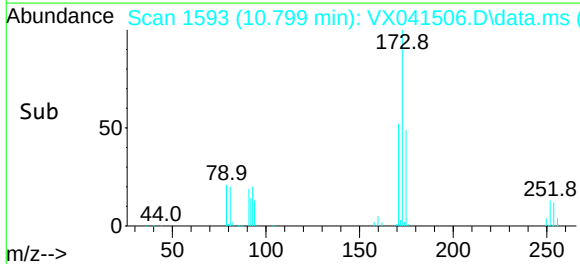
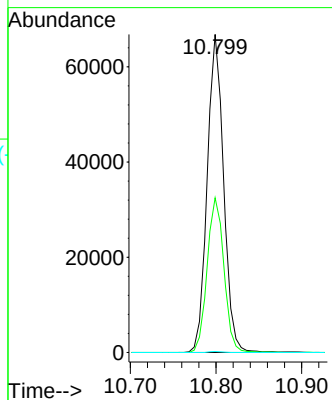
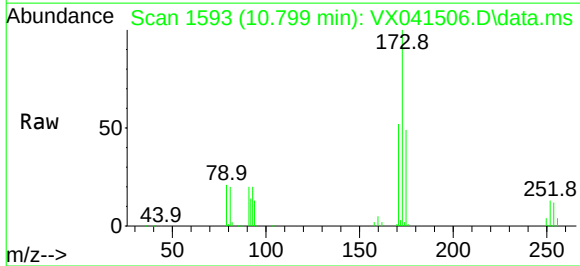
Tgt Ion:	173	Resp:	88959
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.1	72.4
254	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

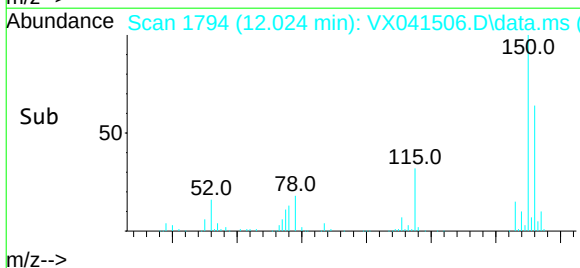
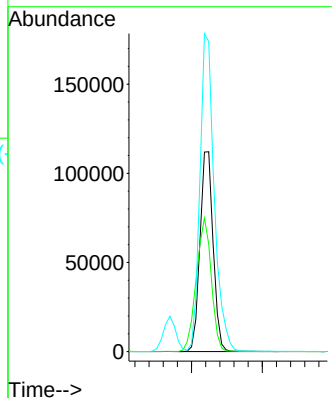
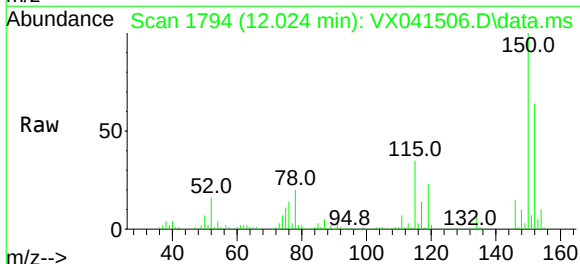
RT: 12.024 min Scan# 1794

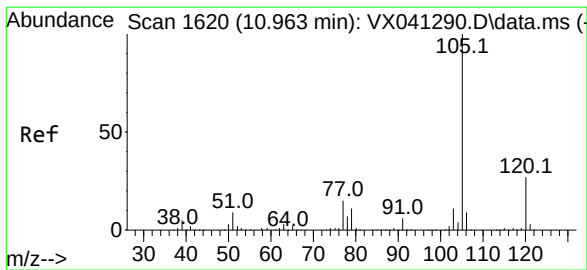
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	152	Resp:	145352
Ion Ratio	Lower	Upper	
152	100		
115	75.9	43.3	129.9
150	172.2	0.0	345.0





#73

Isopropylbenzene

Concen: 50.019 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 443797

Ion Ratio Lower Upper

105 100

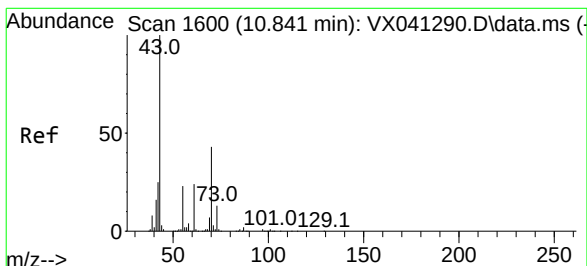
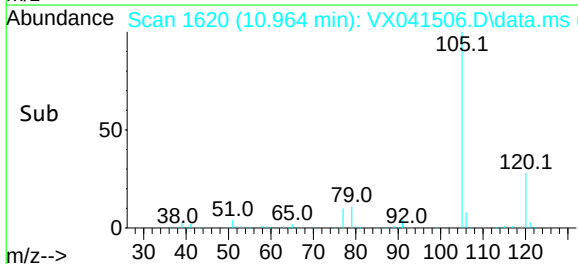
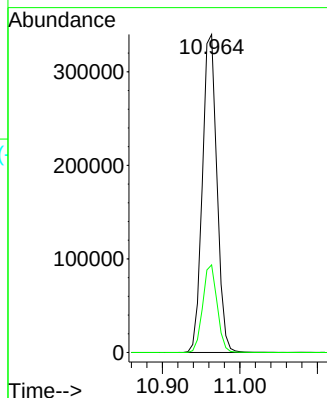
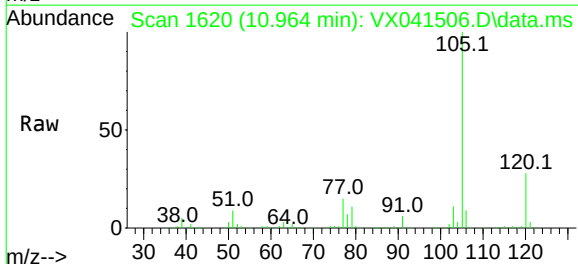
120 27.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 52.437 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion: 43 Resp: 203262

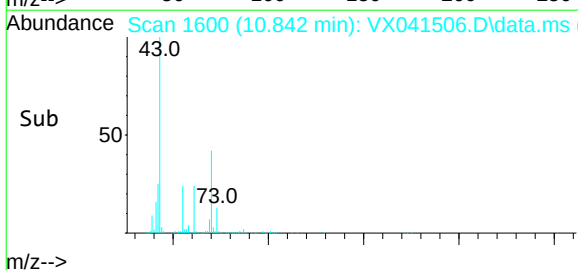
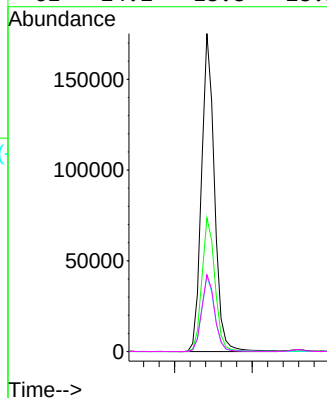
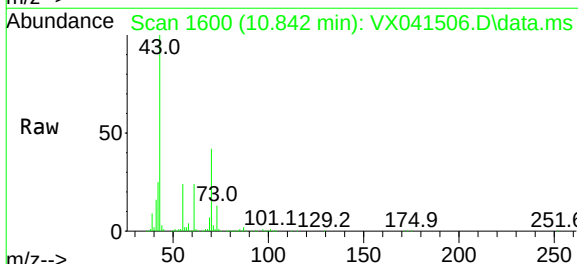
Ion Ratio Lower Upper

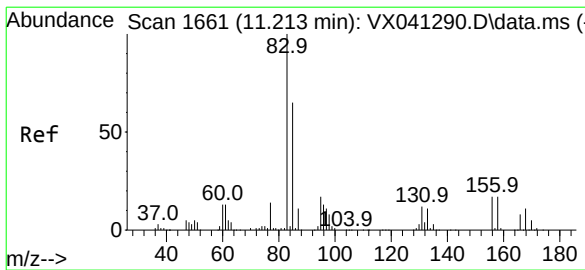
43 100

70 42.9 32.9 49.3

55 24.0 19.3 28.9

61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.249 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

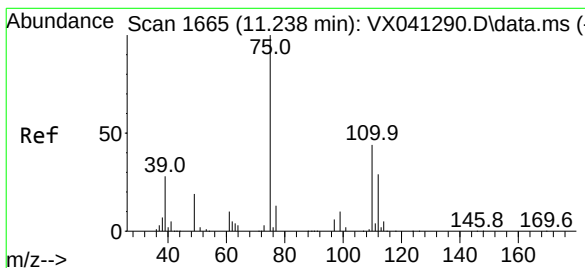
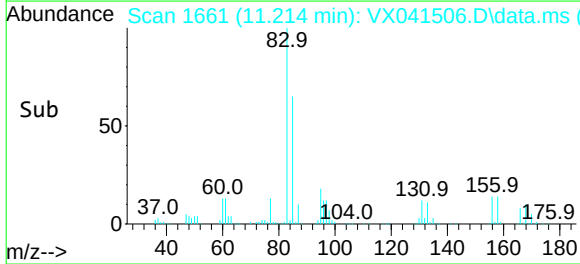
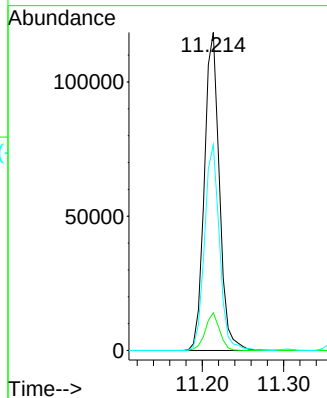
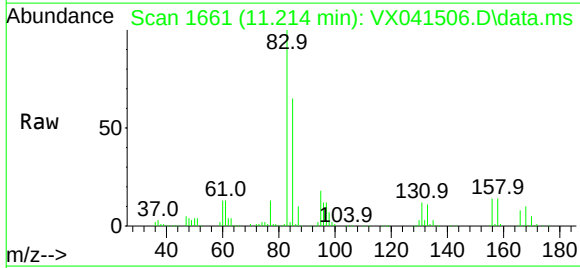
Tgt Ion:	83	Resp:	151907
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	64.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#76

1,2,3-Trichloropropane

Concen: 53.038 ug/l m

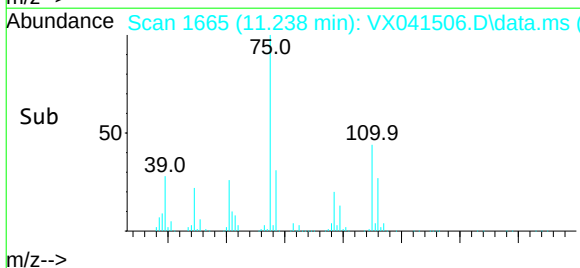
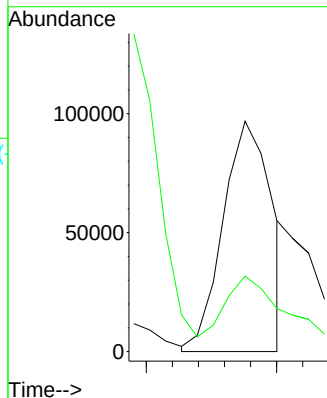
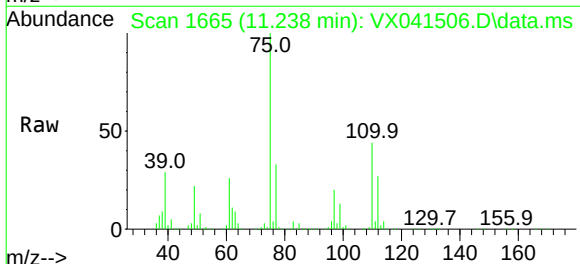
RT: 11.238 min Scan# 1665

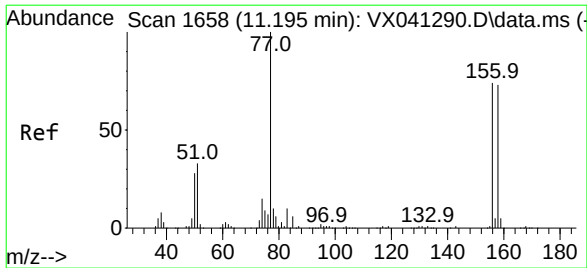
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

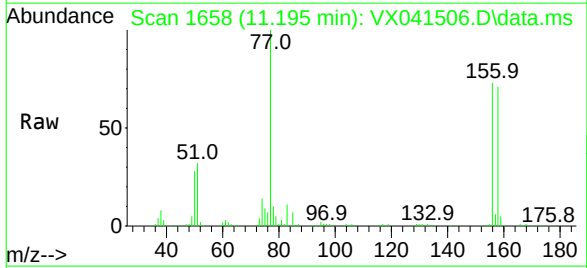
Tgt Ion:	75	Resp:	125635
Ion	Ratio	Lower	Upper
75	100		
77	43.7	19.1	57.5





#77
Bromobenzene
Concen: 51.118 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

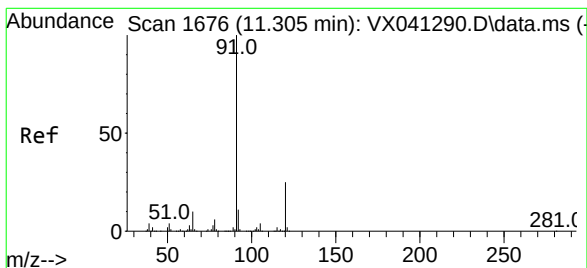
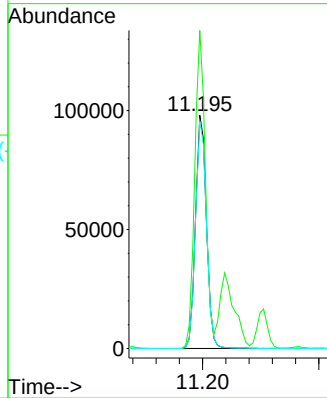
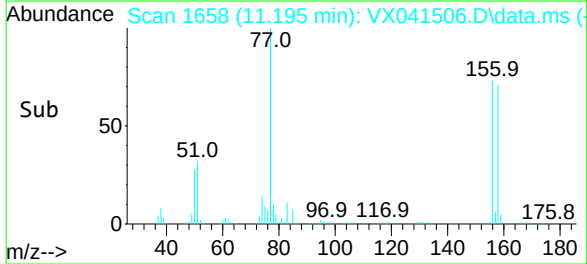
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 128009
Ion Ratio Lower Upper
156 100
77 132.5 88.4 265.3
158 97.8 48.0 144.0

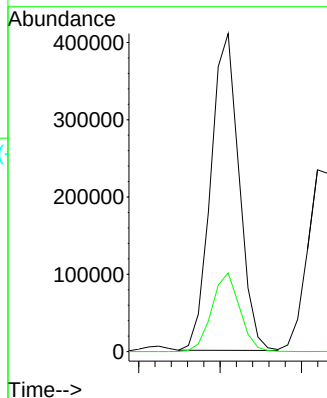
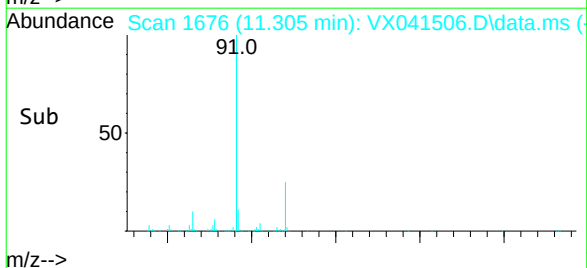
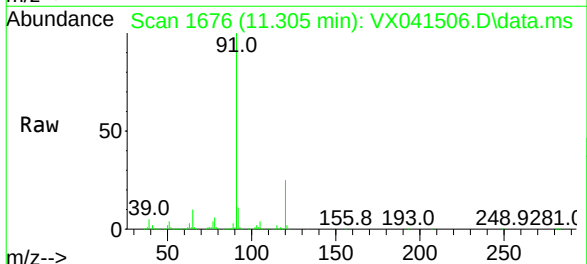
Manual Integrations
APPROVED

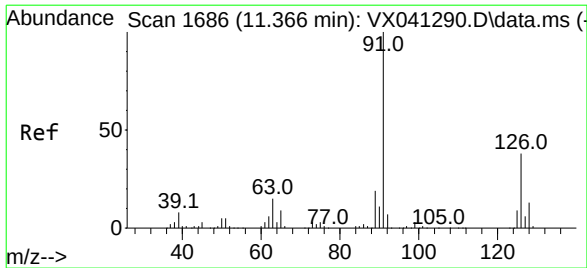
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
n-propylbenzene
Concen: 53.160 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 91 Resp: 495389
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.716 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 304561

Ion Ratio Lower Upper

91 100

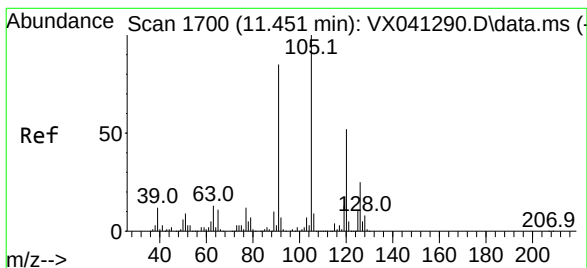
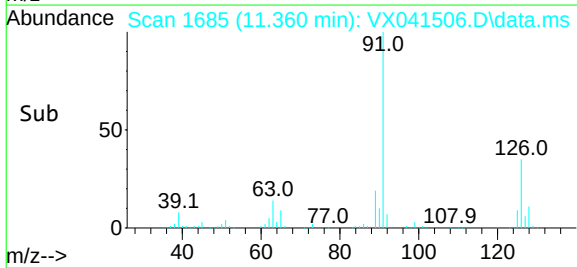
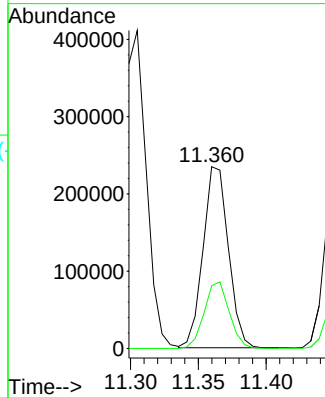
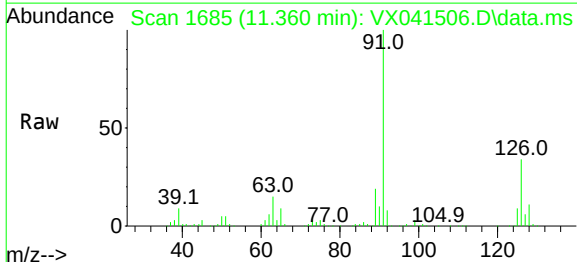
126 36.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.723 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041506.D

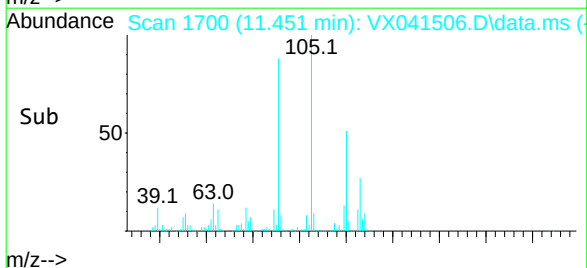
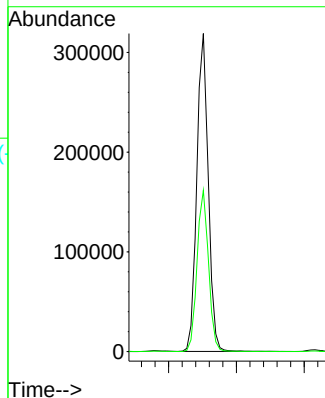
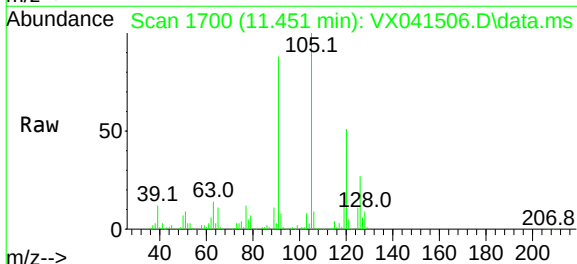
Acq: 14 May 2024 09:37

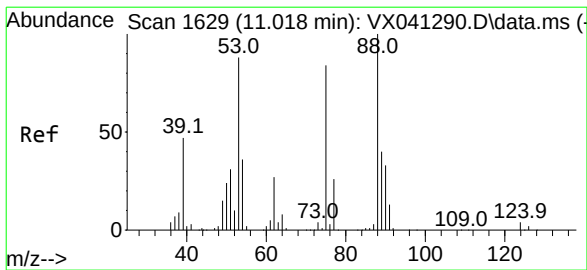
Tgt Ion:105 Resp: 374107

Ion Ratio Lower Upper

105 100

120 50.8 24.1 72.3





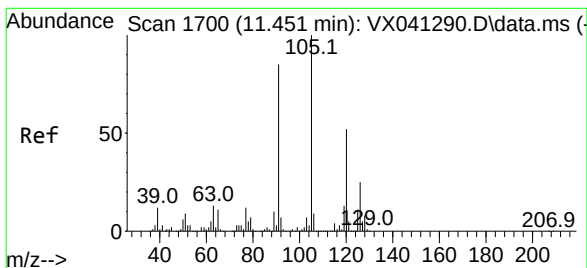
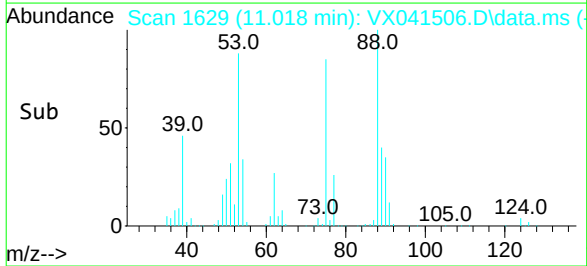
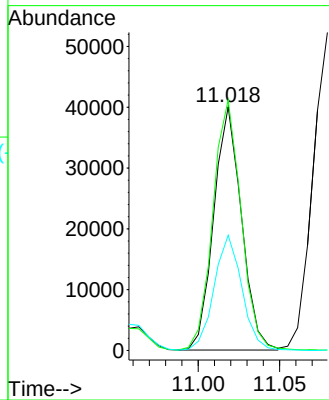
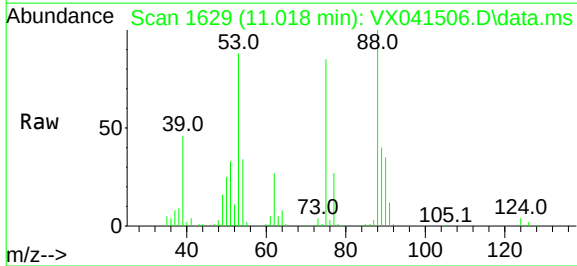
#81
trans-1,4-Dichloro-2-butene
Concen: 54.398 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 47306
Ion Ratio Lower Upper
75 100
53 104.9 90.5 135.7
89 47.7 36.9 55.3

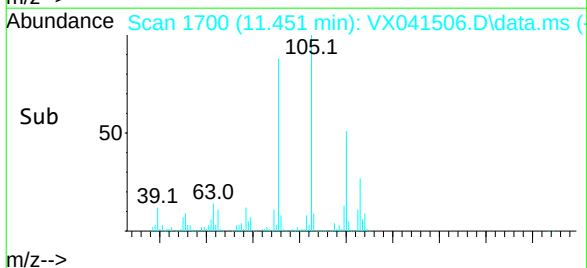
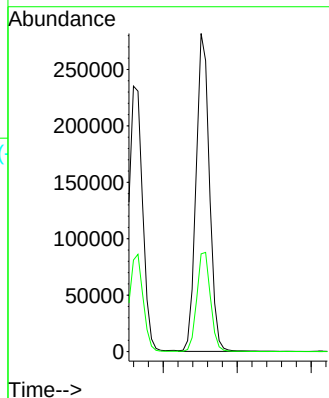
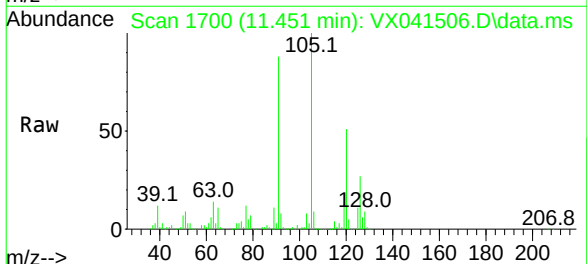
Manual Integrations
APPROVED

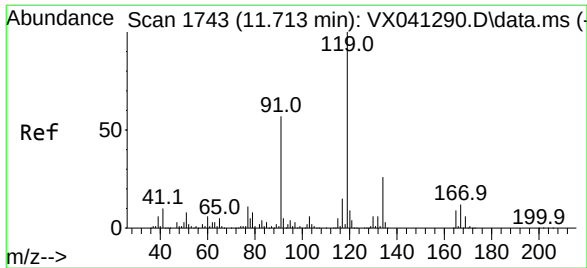
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
4-Chlorotoluene
Concen: 51.874 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041506.D
Acq: 14 May 2024 09:37

Tgt Ion: 91 Resp: 353654
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.488 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

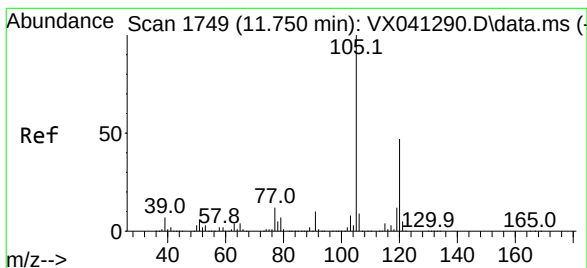
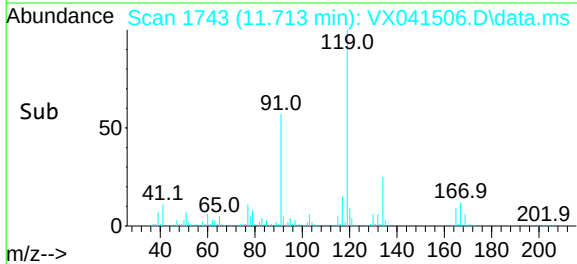
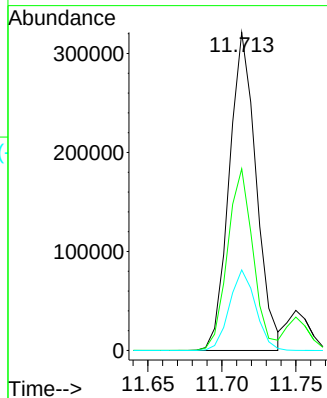
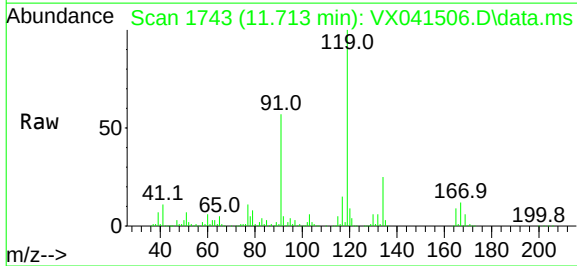
Tgt Ion:	119	Resp:	406544
Ion	Ratio	Lower	Upper
119	100		
91	54.5	31.2	93.6
134	24.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.762 ug/l

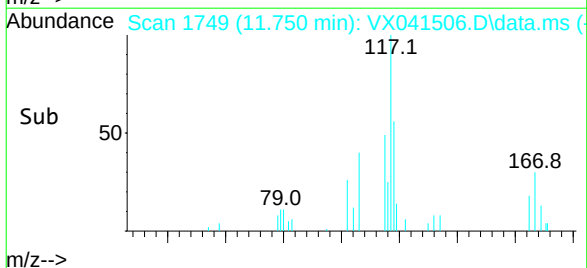
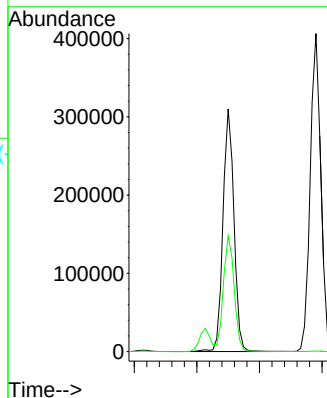
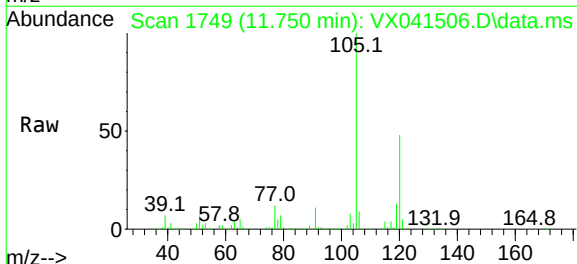
RT: 11.750 min Scan# 1749

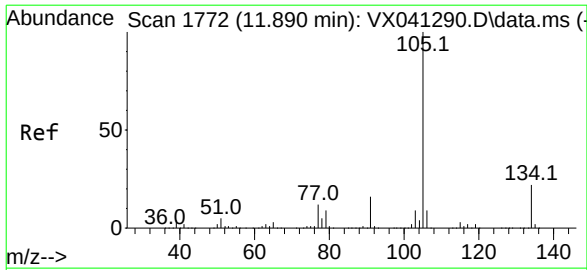
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	105	Resp:	376708
Ion	Ratio	Lower	Upper
105	100		
120	47.5	21.2	63.6





#85

sec-Butylbenzene

Concen: 54.067 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

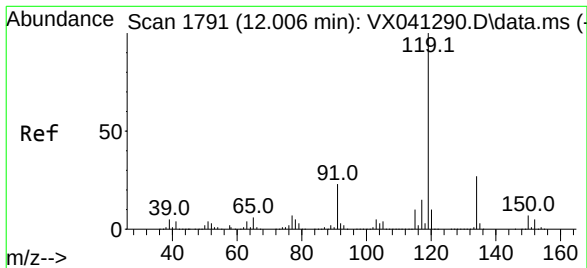
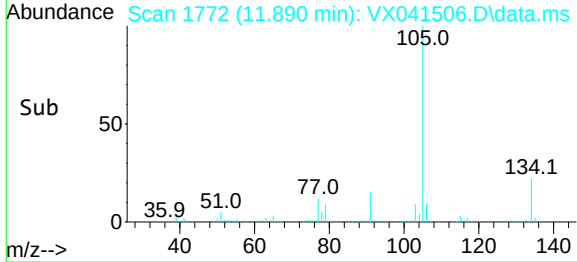
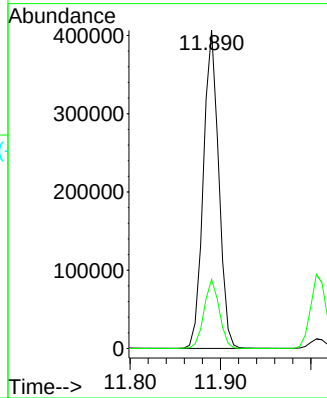
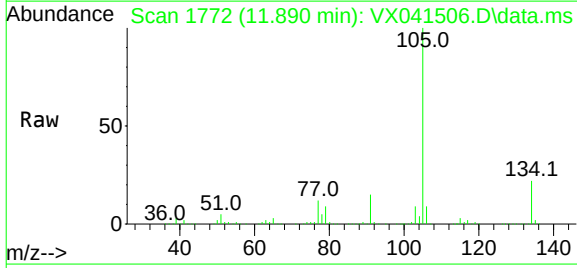
Tgt Ion:105 Resp: 479914
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#86

p-Isopropyltoluene

Concen: 53.392 ug/l

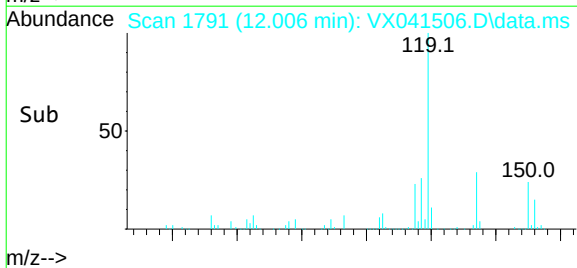
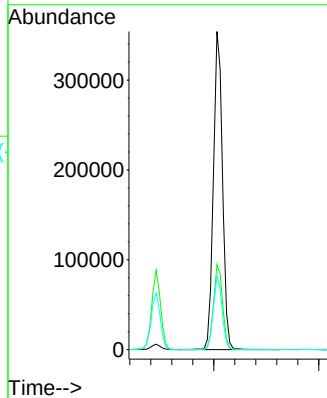
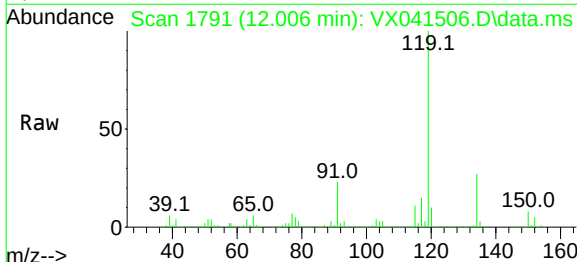
RT: 12.006 min Scan# 1791

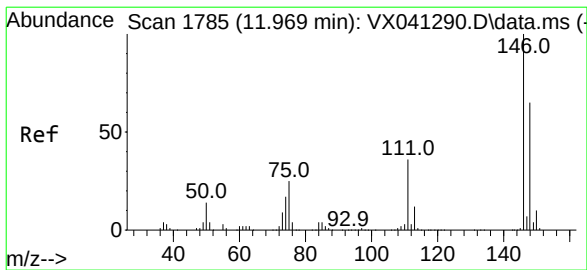
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:119 Resp: 425629
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 22.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.039 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

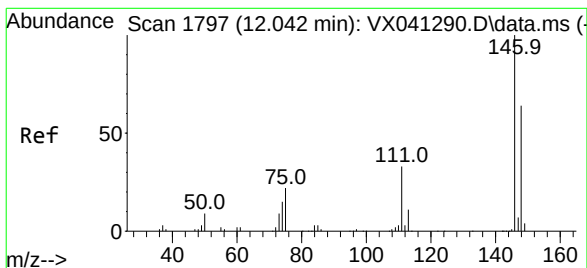
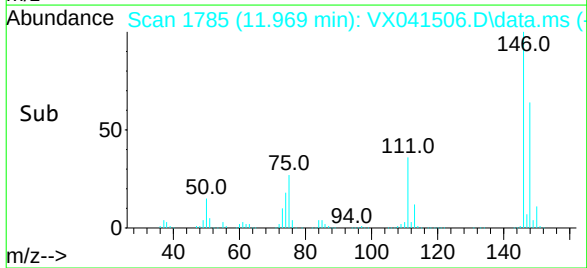
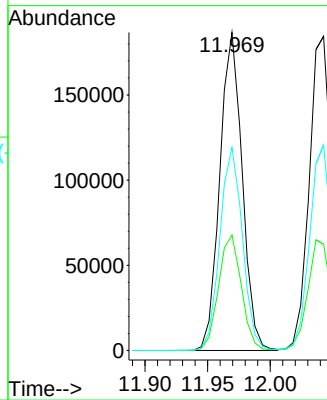
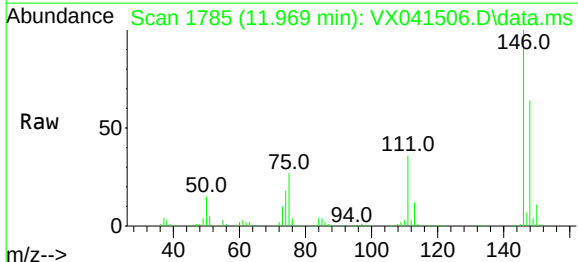
Tgt Ion:	146	Resp:	232314
Ion Ratio	Lower	Upper	
146	100		
111	37.0	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#88

1,4-Dichlorobenzene

Concen: 50.508 ug/l

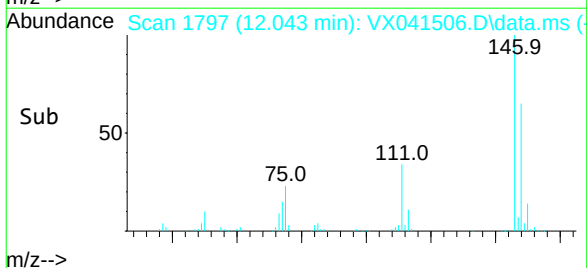
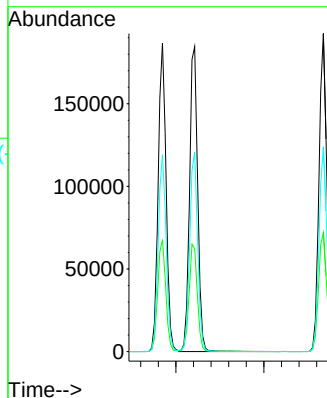
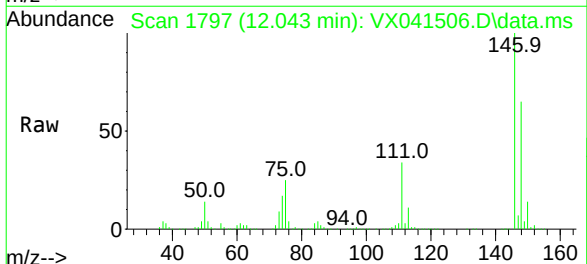
RT: 12.043 min Scan# 1797

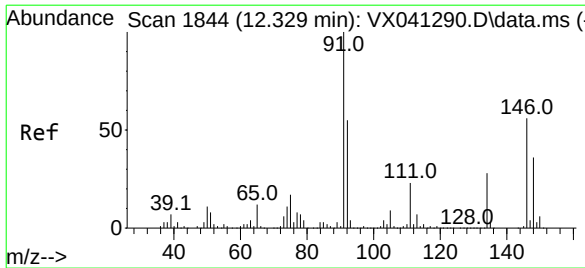
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	146	Resp:	236857
Ion Ratio	Lower	Upper	
146	100		
111	35.6	21.3	63.7
148	64.2	31.8	95.4





#89

n-Butylbenzene

Concen: 54.296 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

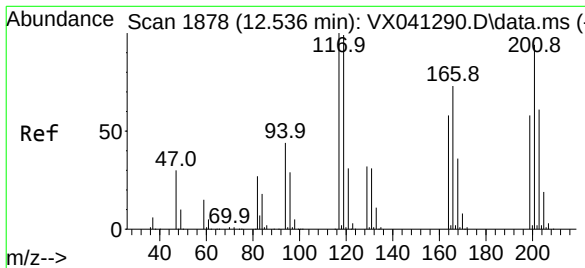
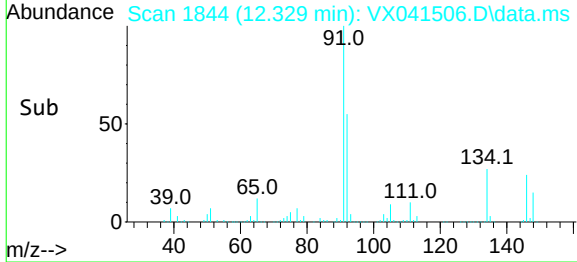
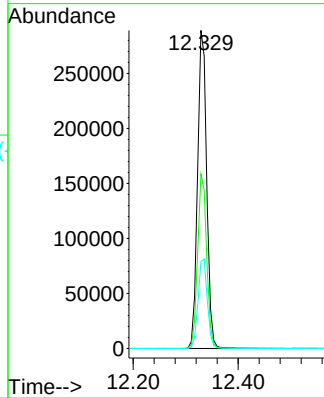
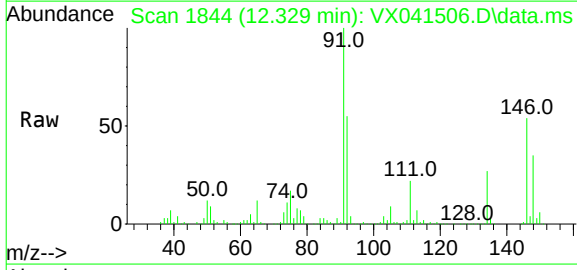
Tgt Ion:	91	Resp:	348051
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	28.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachloroethane

Concen: 53.725 ug/l

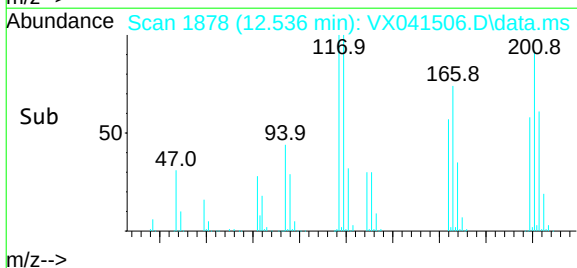
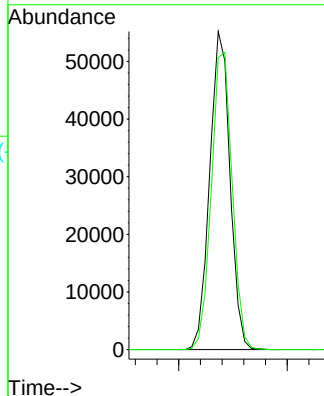
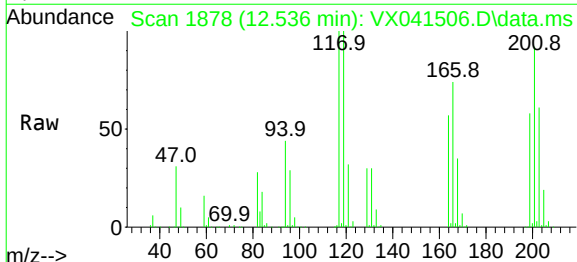
RT: 12.536 min Scan# 1878

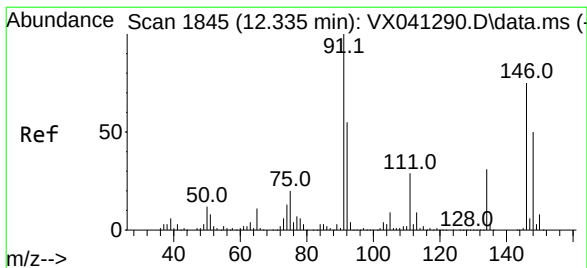
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	117	Resp:	71624
Ion	Ratio	Lower	Upper
117	100		
201	96.1	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 49.063 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

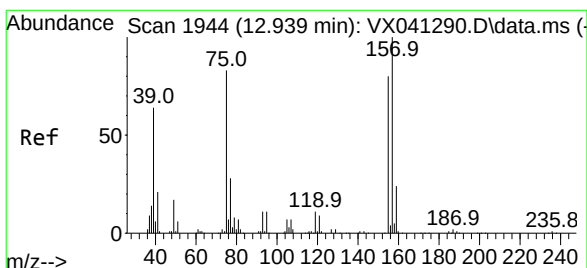
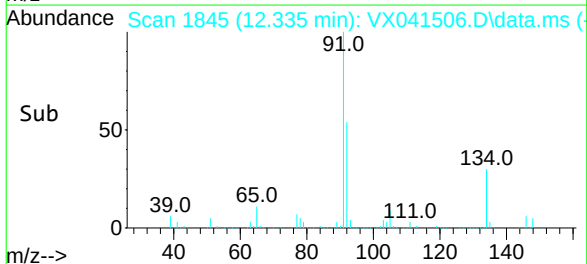
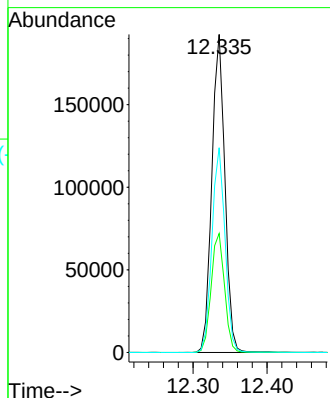
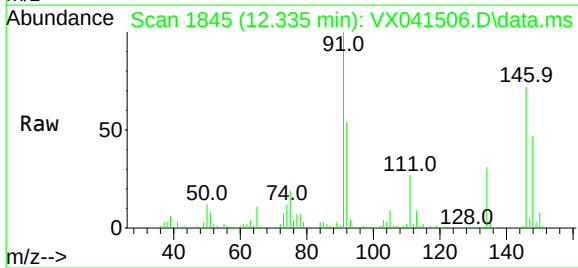
Tgt Ion:	146	Resp:	235882
Ion	Ratio	Lower	Upper
146	100		
111	38.6	22.4	67.0
148	64.9	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.886 ug/l

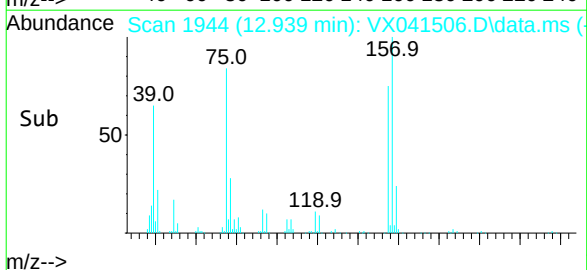
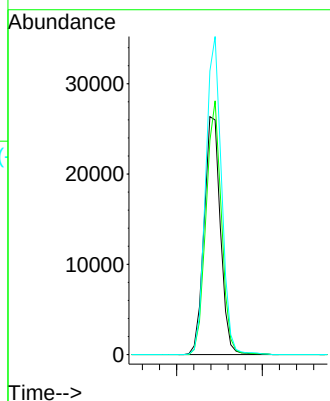
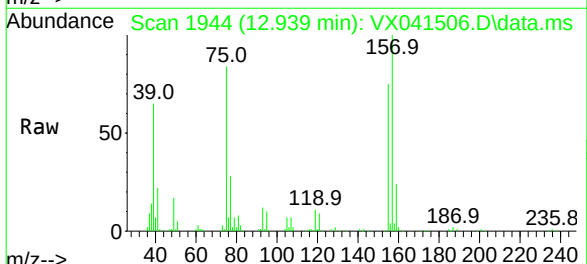
RT: 12.939 min Scan# 1944

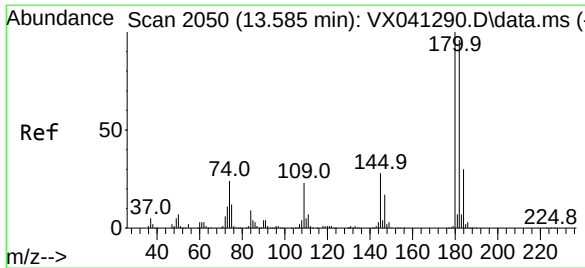
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	75	Resp:	34858
Ion	Ratio	Lower	Upper
75	100		
155	101.0	36.1	108.5
157	129.2	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.736 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

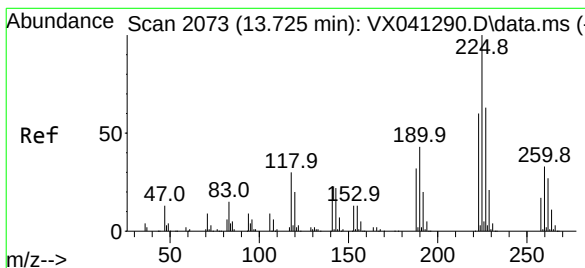
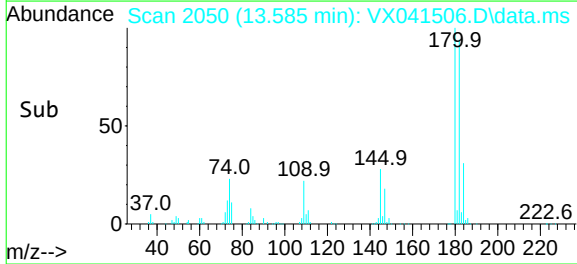
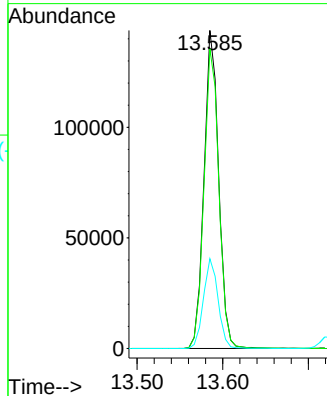
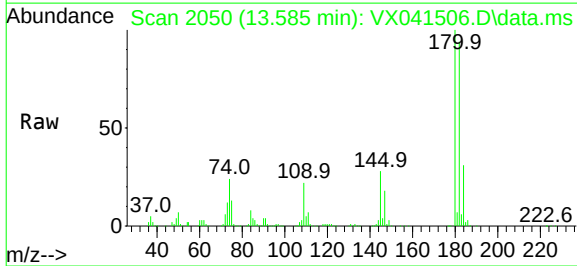
Tgt Ion:	180	Resp:	170501
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.3	144.8
145	28.3	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#94

Hexachlorobutadiene

Concen: 49.525 ug/l

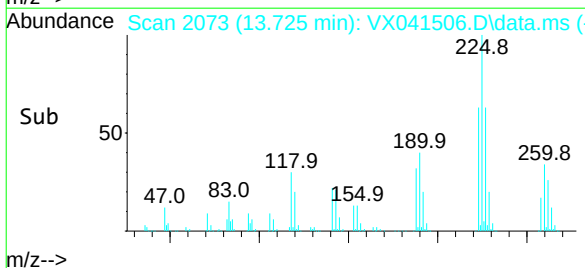
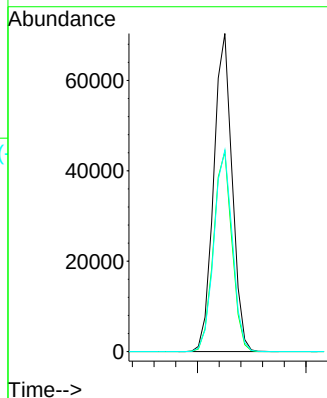
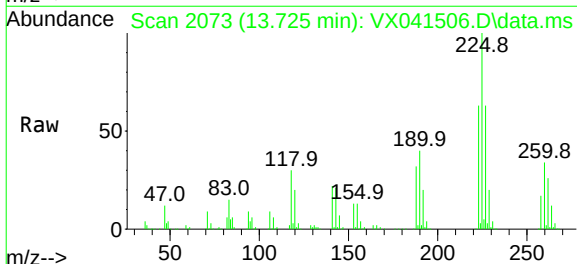
RT: 13.725 min Scan# 2073

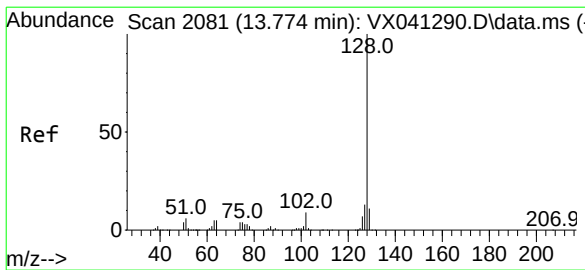
Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	225	Resp:	83111
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	63.6	32.5	97.5





#95

Naphthalene

Concen: 50.867 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

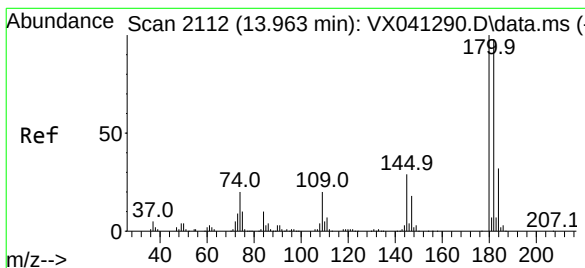
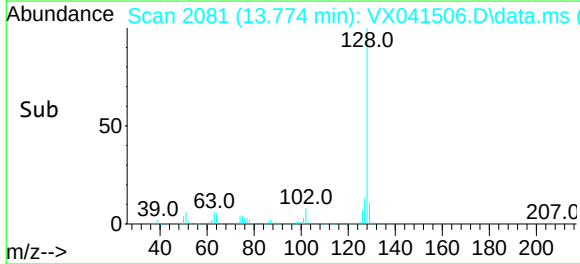
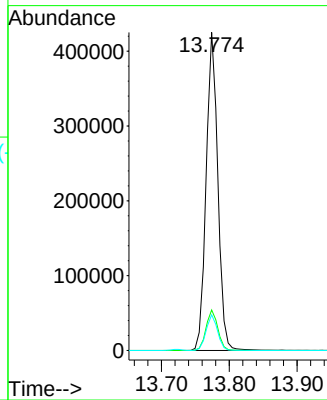
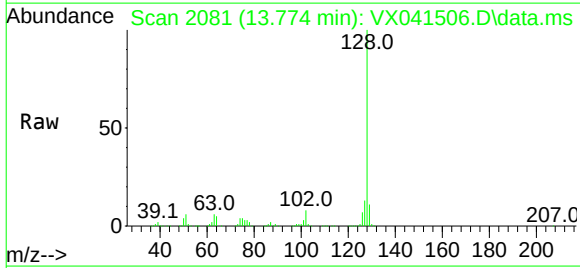
Tgt Ion:	128	Resp:	506570
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.658 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX041506.D

Acq: 14 May 2024 09:37

Tgt Ion:	180	Resp:	173989
Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.9	140.6
145	29.6	17.8	53.5

