

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041422.D
 Acq On : 08 May 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 05:34:16 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 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	180669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	265498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112880	57.392	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.780%
35) Dibromofluoromethane	5.379	113	92031	51.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	8.647	98	309673	54.380	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.760%
62) 4-Bromofluorobenzene	11.079	95	99711	45.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	72422	48.784	ug/l	99
3) Chloromethane	1.300	50	71191	46.343	ug/l	99
4) Vinyl Chloride	1.374	62	75871	51.809	ug/l	98
5) Bromomethane	1.593	94	50048	54.516	ug/l	99
6) Chloroethane	1.660	64	40083	58.951	ug/l	100
7) Trichlorofluoromethane	1.861	101	121545	48.132	ug/l	98
8) Diethyl Ether	2.136	74	51113	57.427	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	80370	56.628	ug/l	88
10) Methyl Iodide	2.441	142	95170	62.304	ug/l	91
11) Tert butyl alcohol	3.007	59	115838	294.254	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	79410	56.720	ug/l	89
13) Acrolein	2.239	56	94102	301.316	ug/l	99
14) Allyl chloride	2.654	41	138956	59.076	ug/l	98
15) Acrylonitrile	3.068	53	273035	303.890	ug/l	99
16) Acetone	2.392	43	243280	281.375	ug/l	97
17) Carbon Disulfide	2.502	76	161856	49.180	ug/l	100
18) Methyl Acetate	2.709	43	126981	63.103	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	296455	58.086	ug/l	99
20) Methylene Chloride	2.782	84	92150	53.968	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	82844	52.949	ug/l	93
22) Diisopropyl ether	3.763	45	287418	57.656	ug/l	86
23) Vinyl Acetate	3.721	43	1307295	293.165	ug/l	97
24) 1,1-Dichloroethane	3.599	63	152559	54.170	ug/l	98
25) 2-Butanone	4.562	43	394436	309.851	ug/l	97
26) 2,2-Dichloropropane	4.465	77	114139	48.473	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	104772	56.556	ug/l	90
28) Bromochloromethane	4.891	49	53473	53.202	ug/l	# 81
29) Tetrahydrofuran	5.007	42	254181	305.312	ug/l	97
30) Chloroform	5.086	83	169655	57.903	ug/l	97
31) Cyclohexane	5.458	56	111735	47.070	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	147215	55.226	ug/l	97
36) 1,1-Dichloropropene	5.684	75	102517	47.651	ug/l	95
37) Ethyl Acetate	4.715	43	151641	56.490	ug/l	99
38) Carbon Tetrachloride	5.666	117	122721	49.793	ug/l	98
39) Methylcyclohexane	7.373	83	124916	49.423	ug/l	94
40) Benzene	6.031	78	341666	51.516	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	80064	57.950	ug/l	94
42) 1,2-Dichloroethane	6.080	62	134005	55.132	ug/l	96
43) Isopropyl Acetate	6.342	43	232429	57.587	ug/l	98
44) Trichloroethene	7.123	130	93597	53.444	ug/l	87
45) 1,2-Dichloropropane	7.427	63	85106	57.433	ug/l	100
46) Dibromomethane	7.574	93	67204	56.970	ug/l #	79
47) Bromodichloromethane	7.818	83	128506	61.132	ug/l	99
48) Methyl methacrylate	7.690	41	114353	61.806	ug/l	96
49) 1,4-Dioxane	7.665	88	48113	1202.764	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	782127	322.941	ug/l	99
52) Toluene	8.714	92	218911	53.957	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111846	45.977	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	134434	58.172	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	81946	52.448	ug/l	97
56) Ethyl methacrylate	9.116	69	131697	54.464	ug/l	97
57) 1,3-Dichloropropane	9.305	76	135593	51.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	364832	311.166	ug/l	93
59) 2-Hexanone	9.433	43	561022	289.691	ug/l	97
60) Dibromochloromethane	9.519	129	99904	54.315	ug/l	100
61) 1,2-Dibromoethane	9.610	107	88159	51.288	ug/l	100
64) Tetrachloroethene	9.269	164	78392	53.343	ug/l	92
65) Chlorobenzene	10.079	112	215423	52.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	80372	55.212	ug/l	96
67) Ethyl Benzene	10.189	91	346378	50.960	ug/l	99
68) m/p-Xylenes	10.299	106	278024	102.142	ug/l	92
69) o-Xylene	10.640	106	139920	53.687	ug/l	94
70) Styrene	10.652	104	240172	56.160	ug/l	96
71) Bromoform	10.799	173	77860	59.765	ug/l #	100
73) Isopropylbenzene	10.963	105	351387	50.049	ug/l	96
74) N-amyl acetate	10.841	43	181211	59.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	132144	57.439	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107210m	57.196	ug/l	
77) Bromobenzene	11.195	156	105956	53.471	ug/l	79
78) n-propylbenzene	11.305	91	388222	52.647	ug/l	96
79) 2-Chlorotoluene	11.366	91	244667	51.488	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	298213	52.104	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	38666	56.188	ug/l	94
82) 4-Chlorotoluene	11.451	91	281232	52.131	ug/l	92
83) tert-Butylbenzene	11.713	119	321869	52.516	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	306924	53.296	ug/l	94
85) sec-Butylbenzene	11.890	105	374477	53.315	ug/l	95
86) p-Isopropyltoluene	12.006	119	335127	53.126	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	188988	52.471	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	189047	50.945	ug/l	94
89) n-Butylbenzene	12.329	91	268730	52.979	ug/l	97
90) Hexachloroethane	12.536	117	56192	53.266	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	198926	52.289	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31416	59.095	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	140641	52.888	ug/l	96
94) Hexachlorobutadiene	13.725	225	65268	49.149	ug/l	99
95) Naphthalene	13.774	128	452652	57.440	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149535	55.021	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

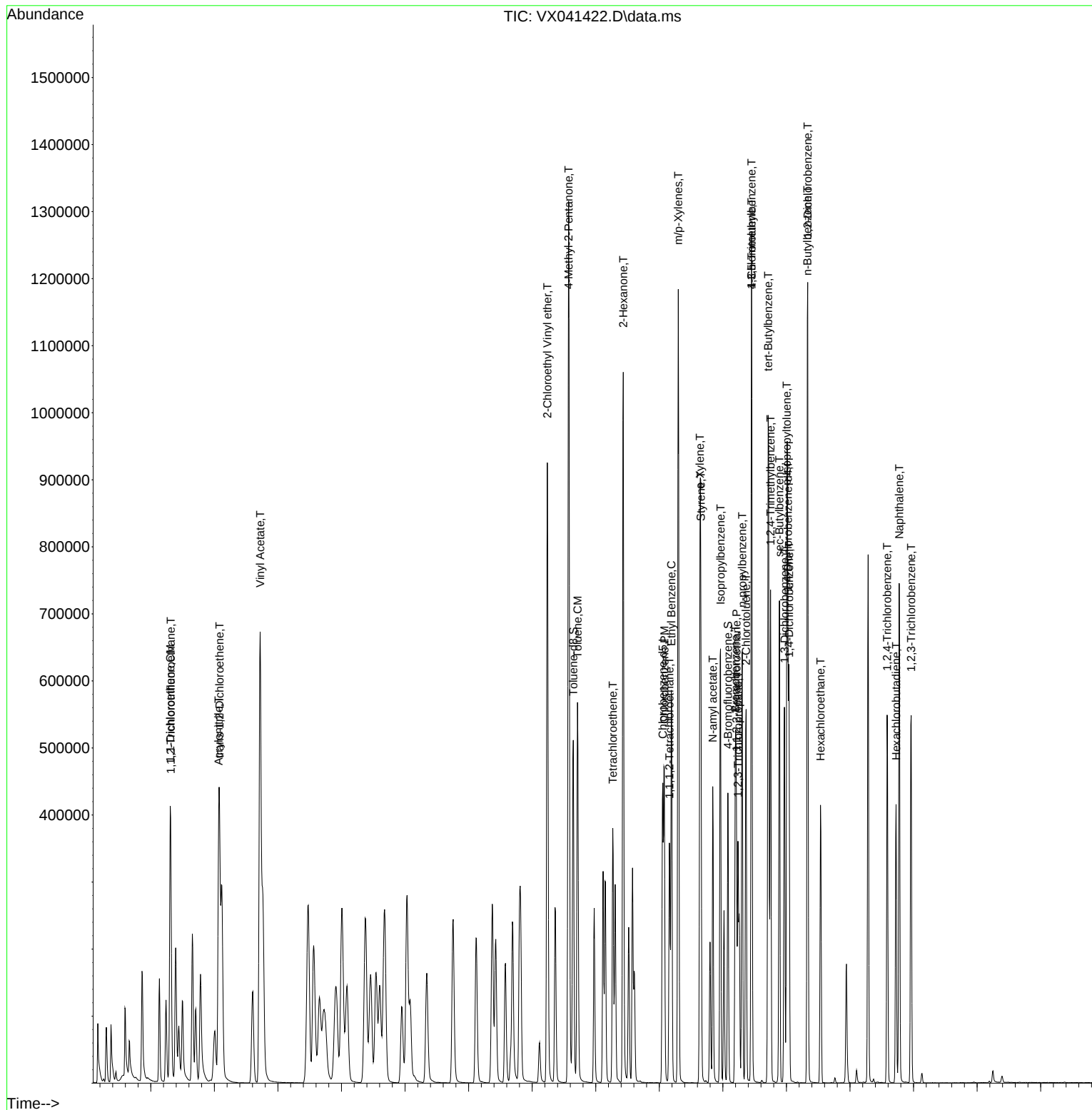
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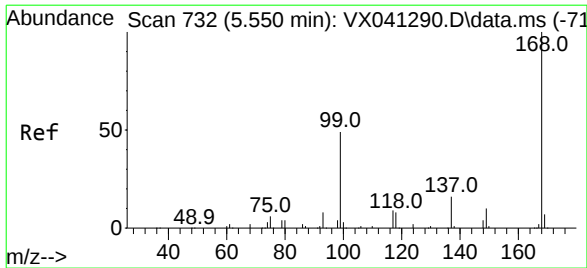
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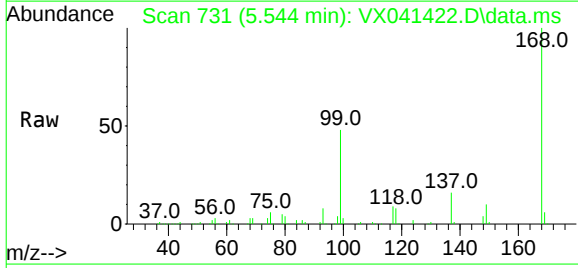
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX041422.D
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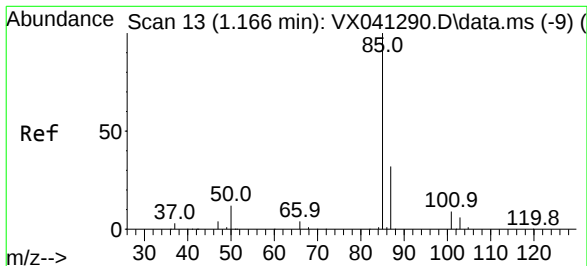
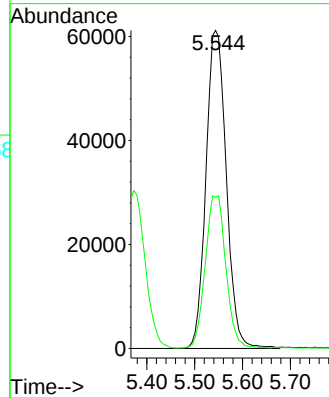
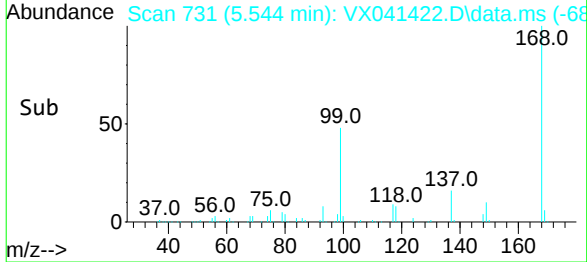
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 180669
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#

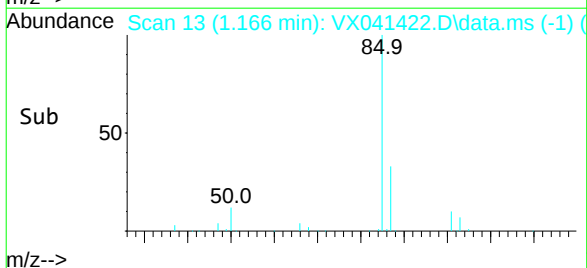
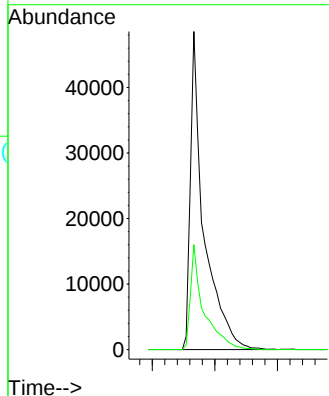
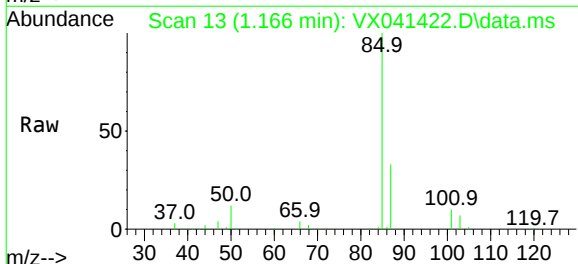
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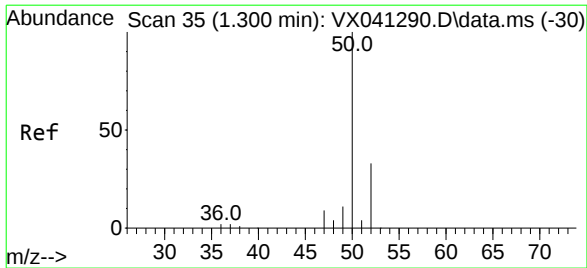
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 48.784 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 85 Resp: 72422
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





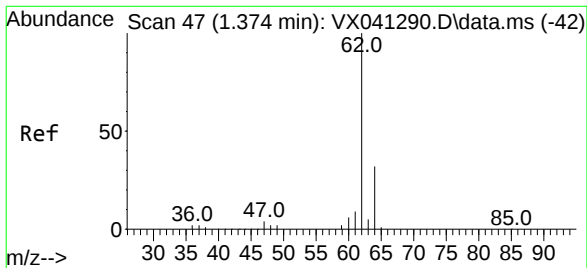
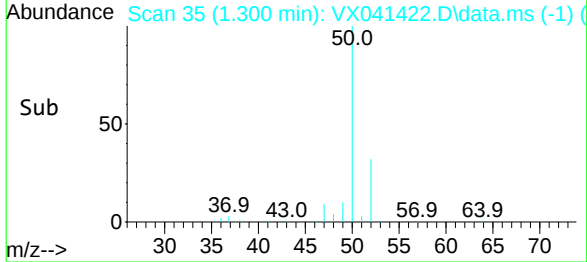
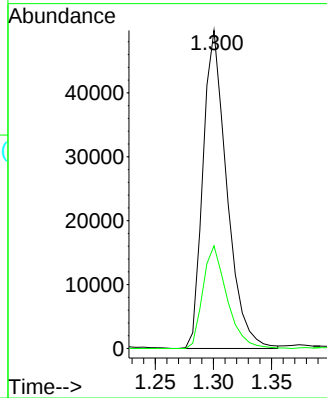
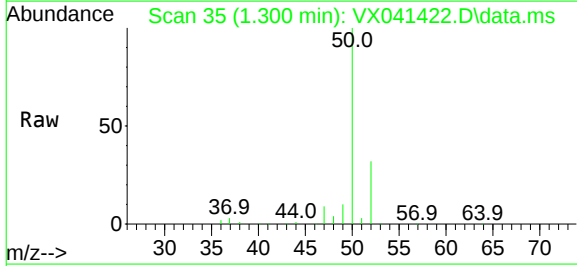
#3
Chloromethane
Concen: 46.343 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 71191
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

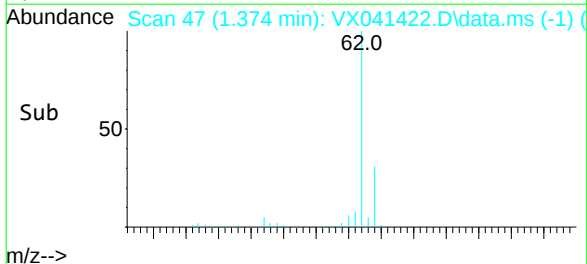
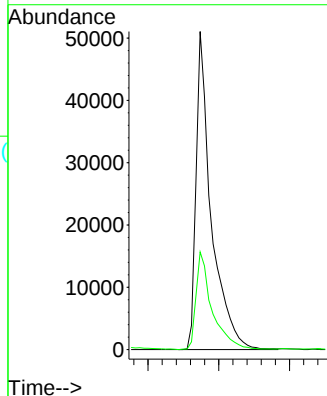
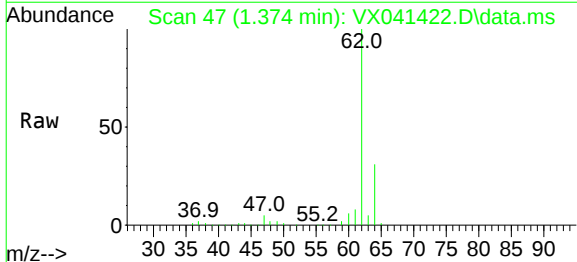
Manual Integrations
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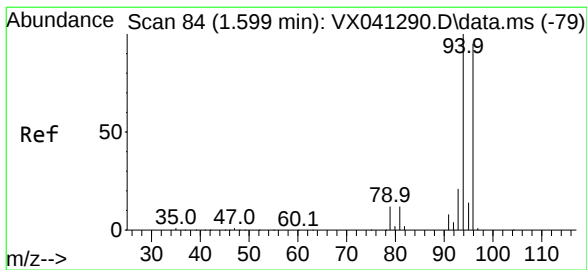
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#4
Vinyl Chloride
Concen: 51.809 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 62 Resp: 75871
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0





#5

Bromomethane

Concen: 54.516 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 50048

Ion Ratio Lower Upper

94 100

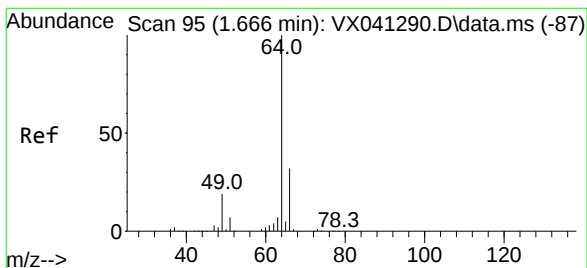
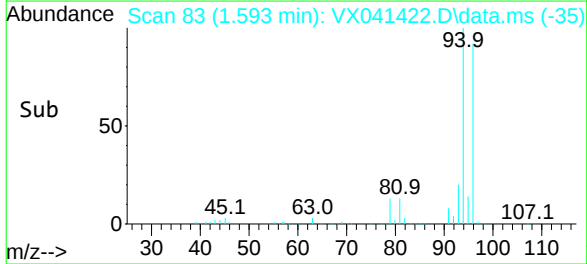
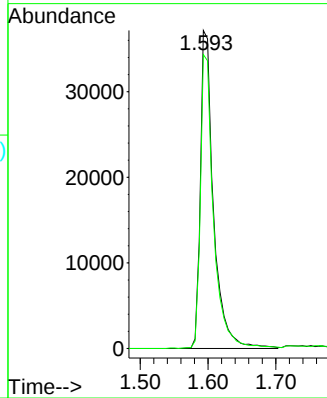
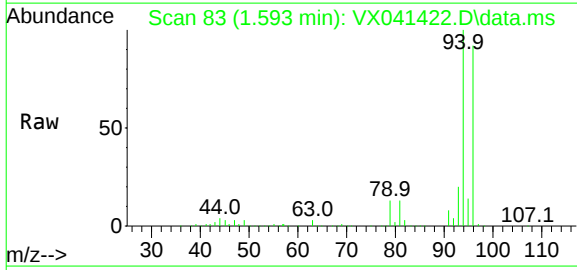
96 92.4 74.6 111.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/09/2024



#6

Chloroethane

Concen: 58.951 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

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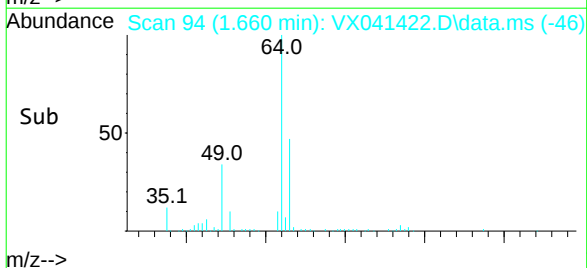
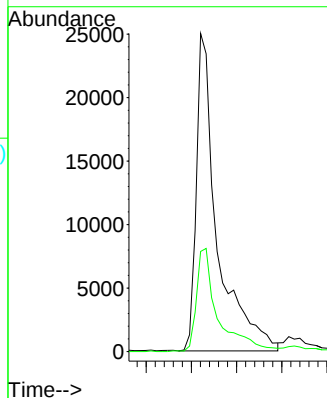
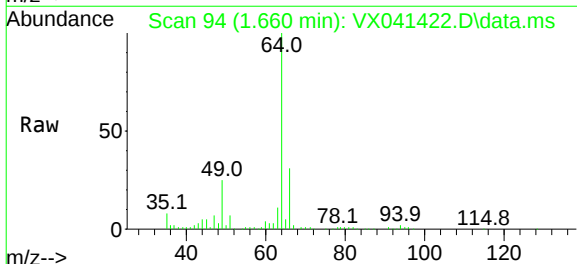
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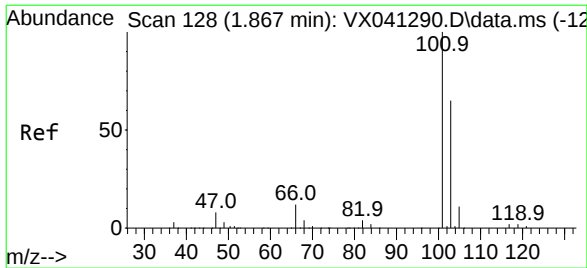
Tgt Ion: 64 Resp: 40083

Ion Ratio Lower Upper

64 100

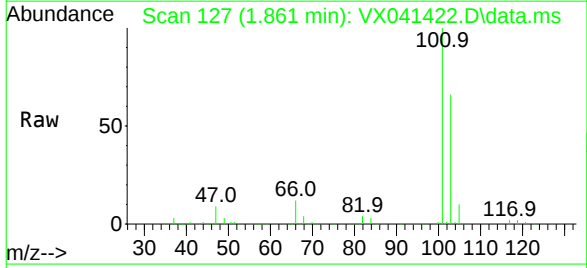
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.132 ug/l
RT: 1.861 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

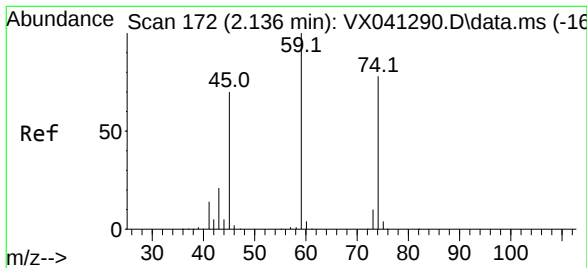
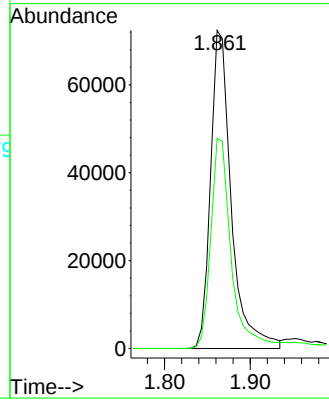
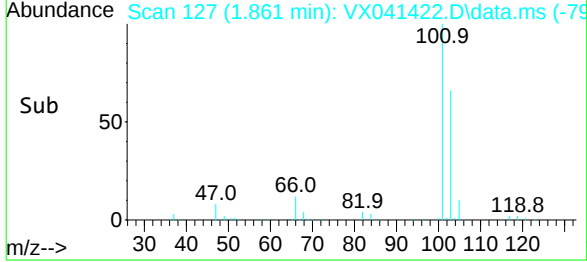
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Tgt Ion:101 Resp: 121545
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

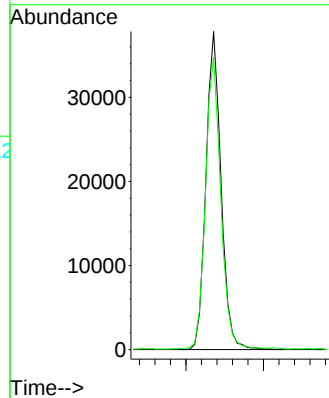
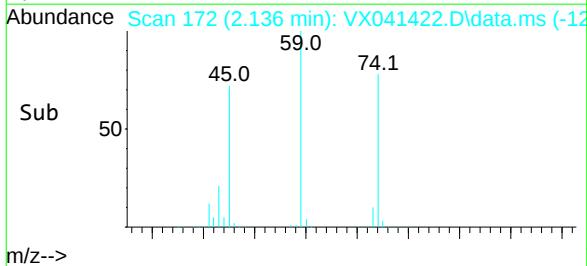
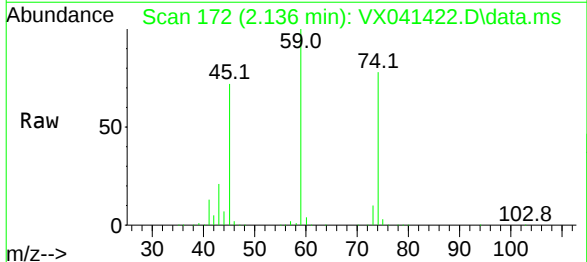
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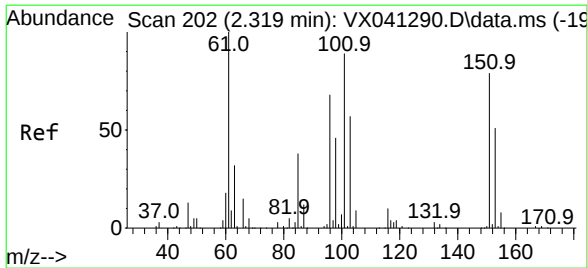
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#8
Diethyl Ether
Concen: 57.427 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

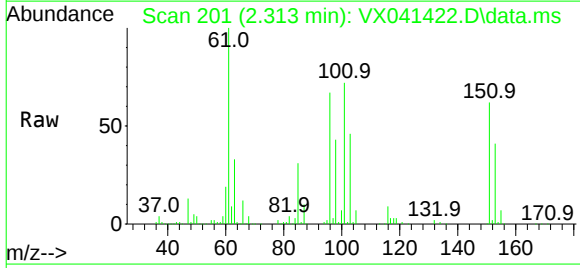
Tgt Ion: 74 Resp: 51113
Ion Ratio Lower Upper
74 100
45 93.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.628 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

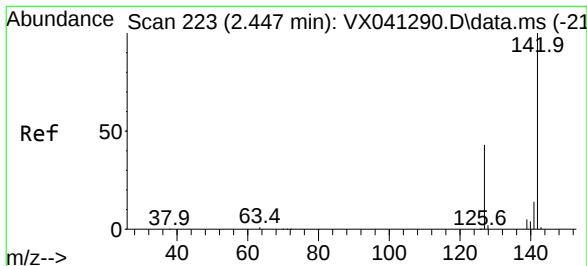
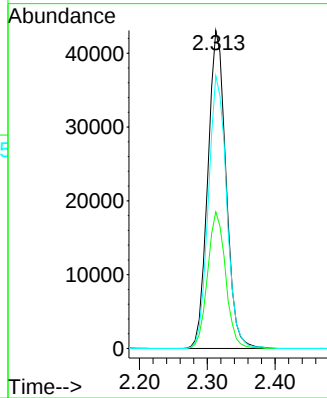
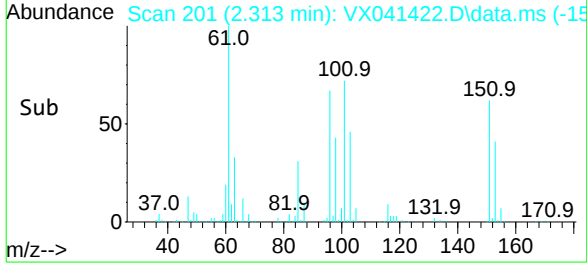
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 80370
Ion Ratio Lower Upper
101 100
85 42.4 37.0 55.6
151 86.3 58.6 87.8

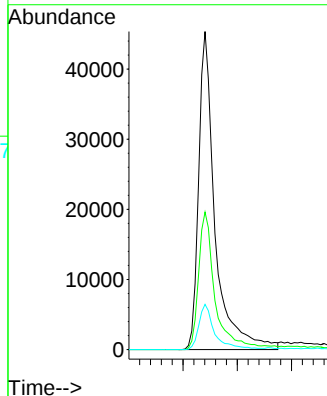
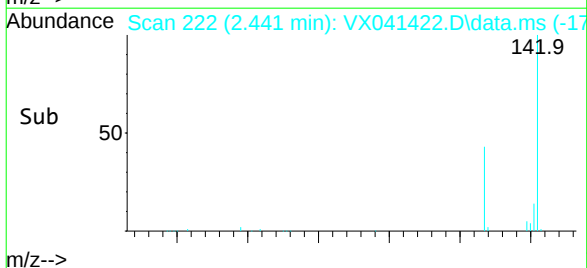
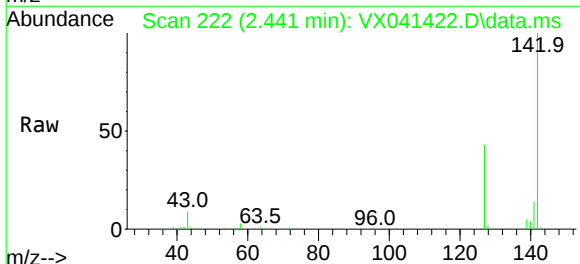
Manual Integrations
APPROVED

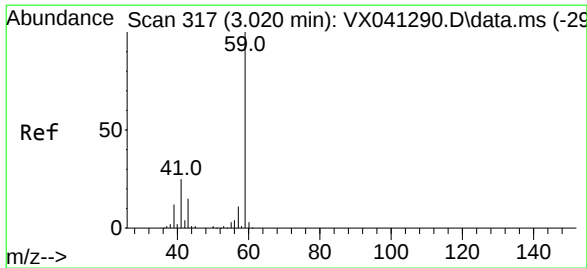
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#10
Methyl Iodide
Concen: 62.304 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion:142 Resp: 95170
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 294.254 ug/l

RT: 3.007 min Scan# 317

Delta R.T. -0.012 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 115838

Ion Ratio Lower Upper

59 100

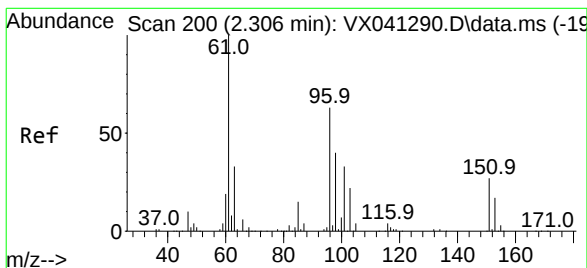
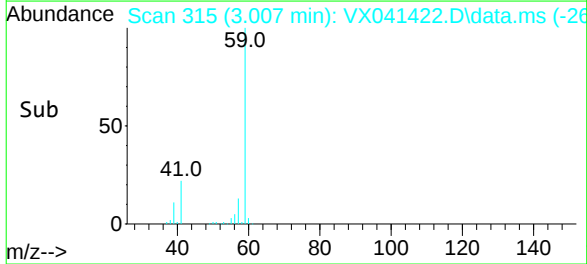
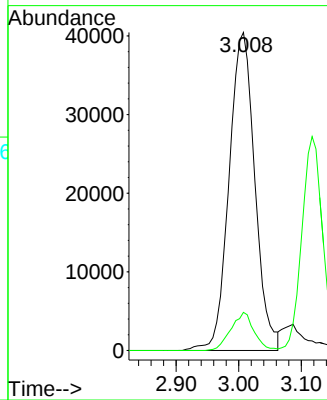
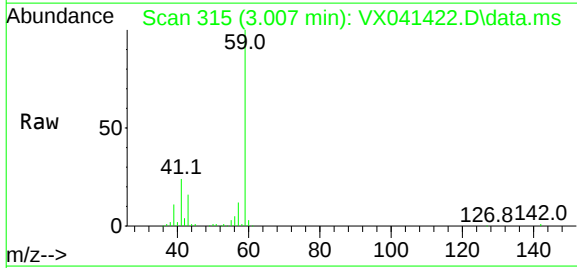
57 10.8 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#12

1,1-Dichloroethene

Concen: 56.720 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

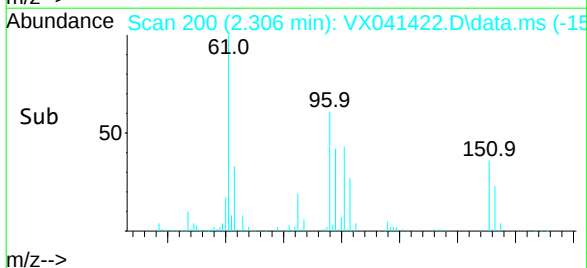
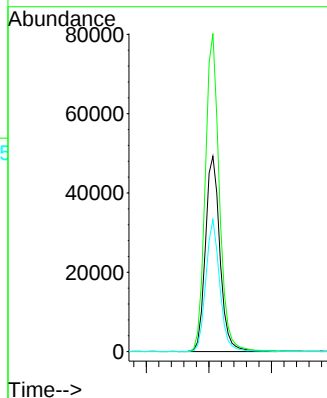
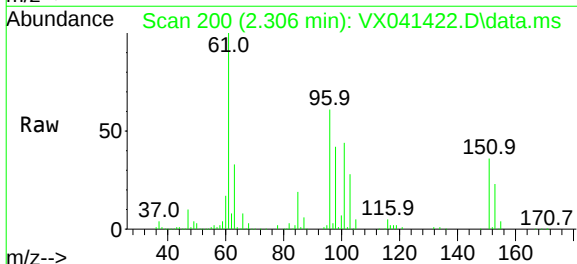
Tgt Ion: 96 Resp: 79410

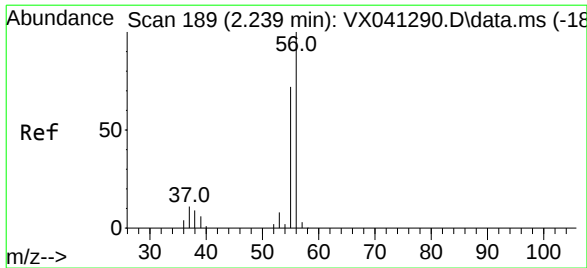
Ion Ratio Lower Upper

96 100

61 162.9 144.6 216.8

98 67.6 50.4 75.6





#13

Acrolein

Concen: 301.316 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 94102

Ion Ratio Lower Upper

56 100

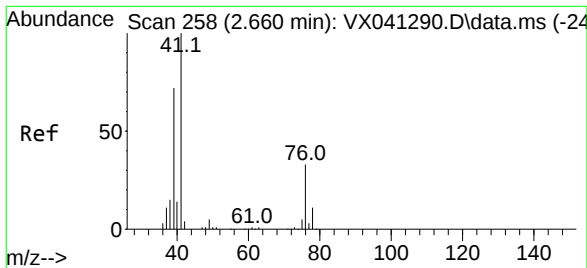
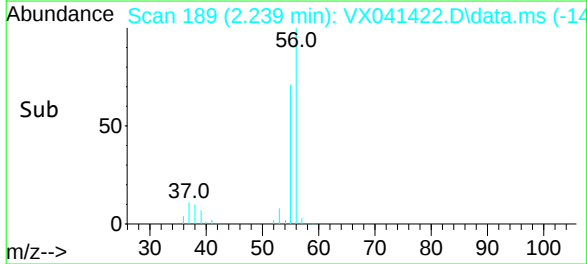
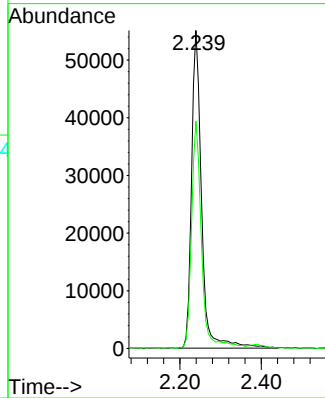
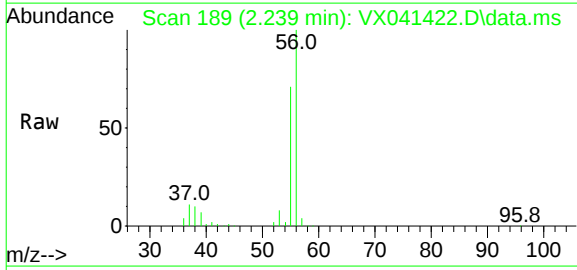
55 70.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#14

Allyl chloride

Concen: 59.076 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

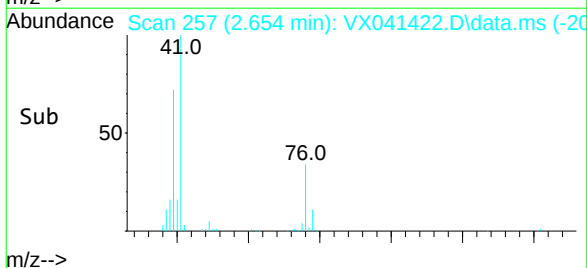
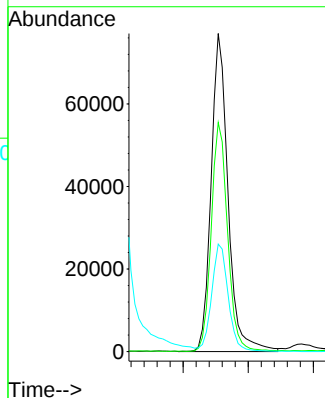
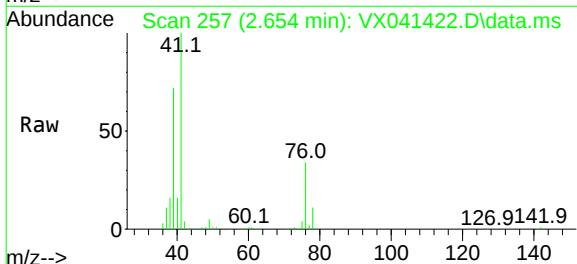
Tgt Ion: 41 Resp: 138956

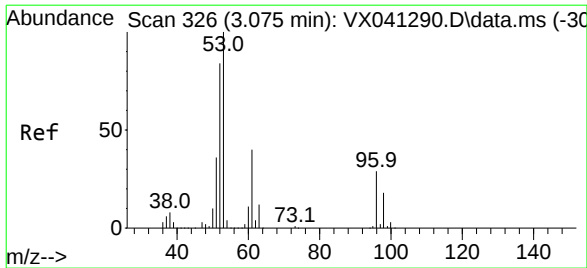
Ion Ratio Lower Upper

41 100

39 69.4 55.8 83.6

76 33.4 24.3 36.5





#15

Acrylonitrile

Concen: 303.890 ug/l

RT: 3.068 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

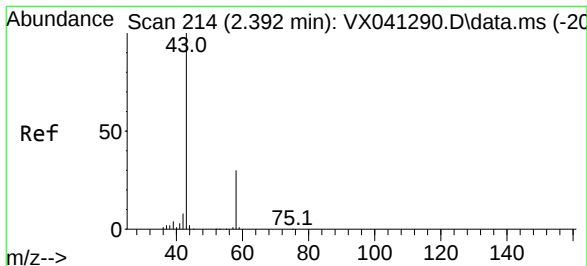
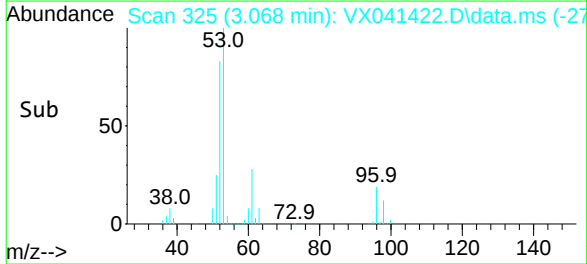
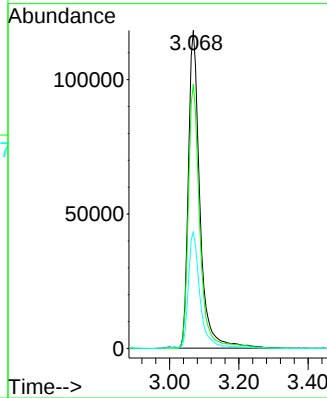
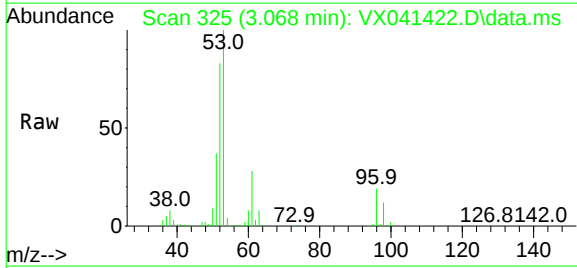
Tgt Ion:	53	Resp:	273035
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.0	99.0
51	37.3	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#16

Acetone

Concen: 281.375 ug/l

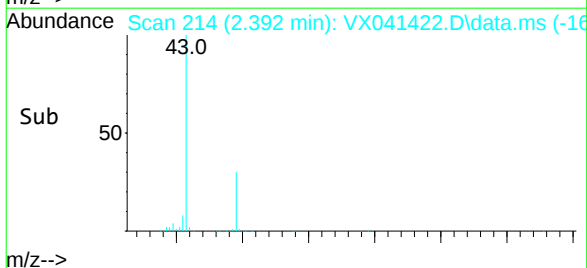
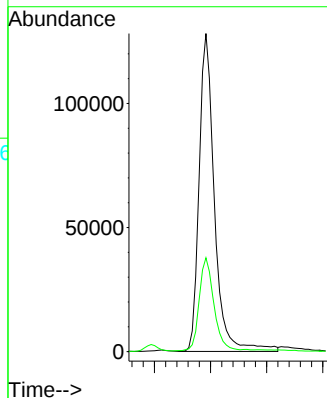
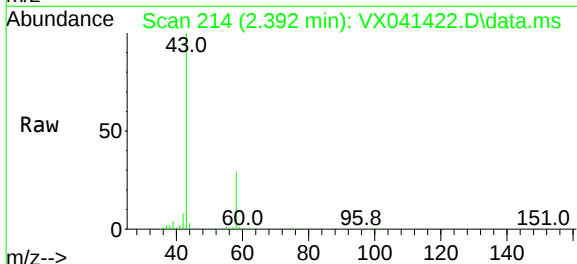
RT: 2.392 min Scan# 214

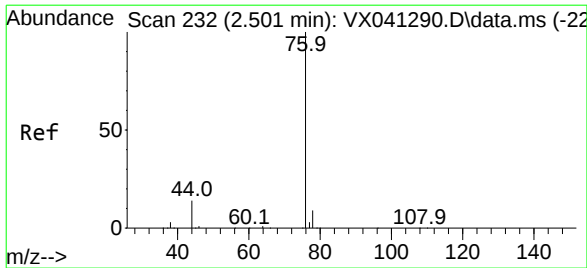
Delta R.T. -0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	43	Resp:	243280
Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.9	32.9





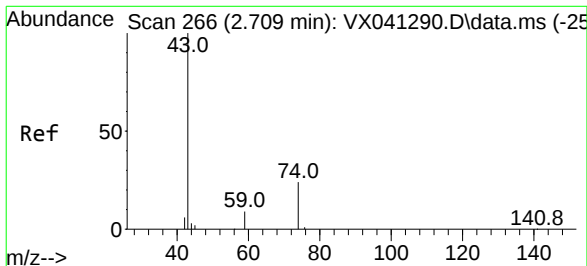
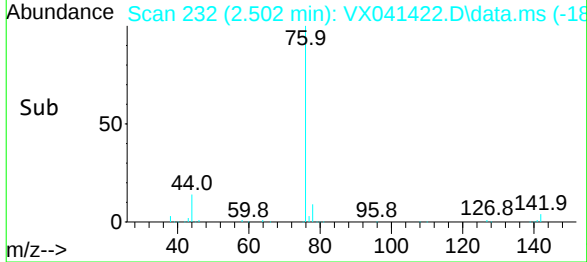
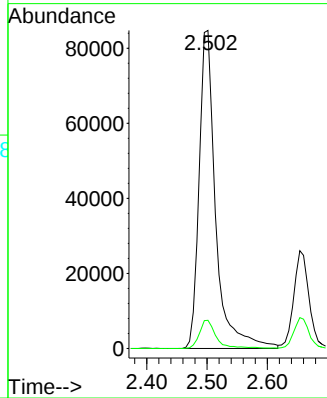
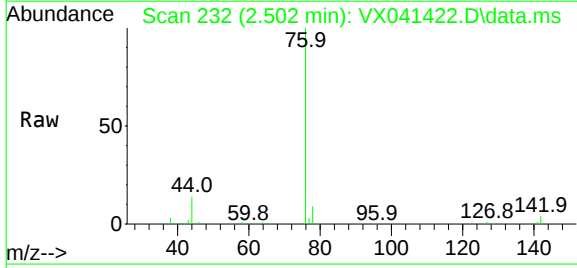
#17
Carbon Disulfide
Concen: 49.180 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 161856
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

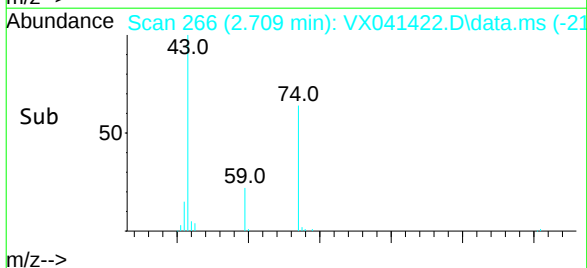
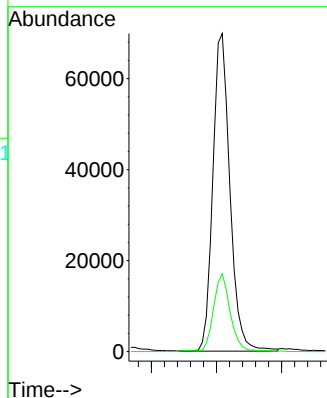
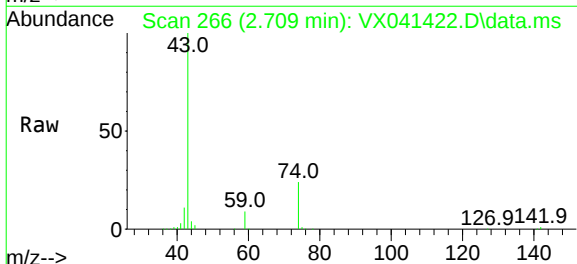
Manual Integrations
APPROVED

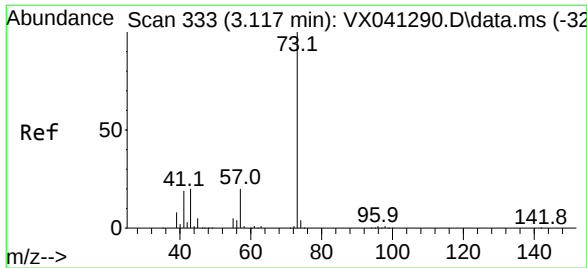
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
Methyl Acetate
Concen: 63.103 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 43 Resp: 126981
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8





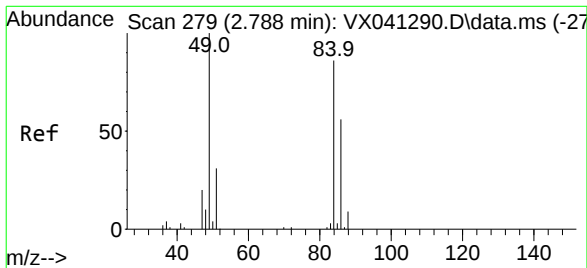
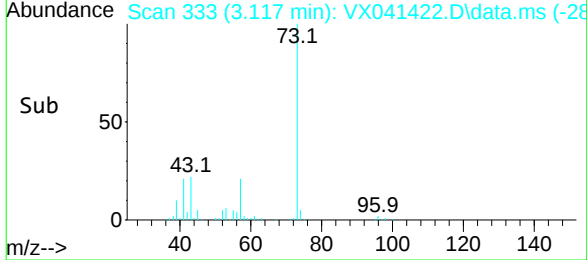
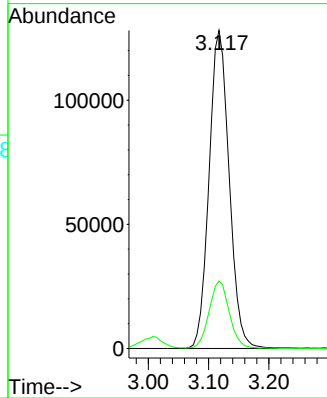
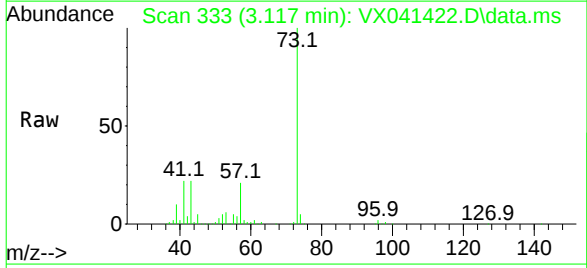
#19
Methyl tert-butyl Ether
Concen: 58.086 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 296455
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

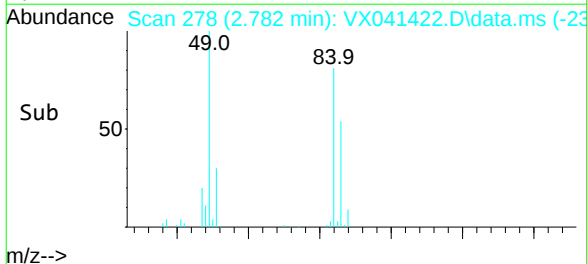
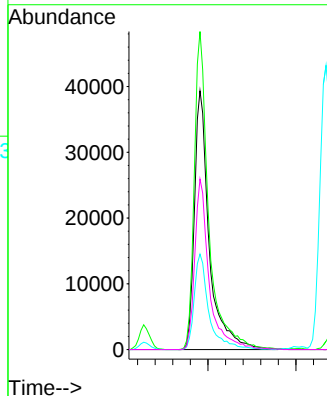
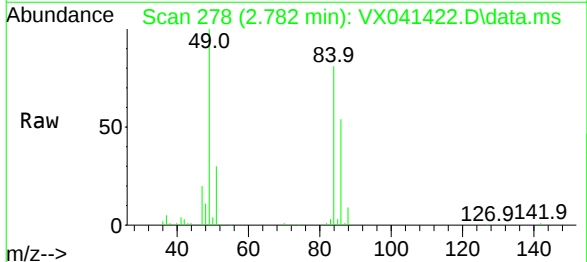
Manual Integrations
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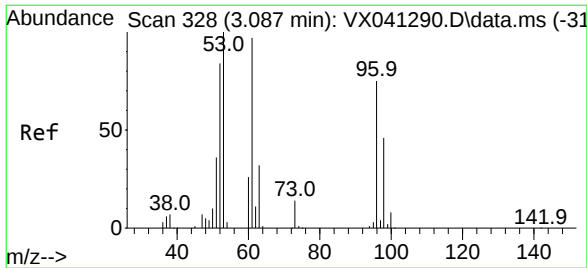
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
Methylene Chloride
Concen: 53.968 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

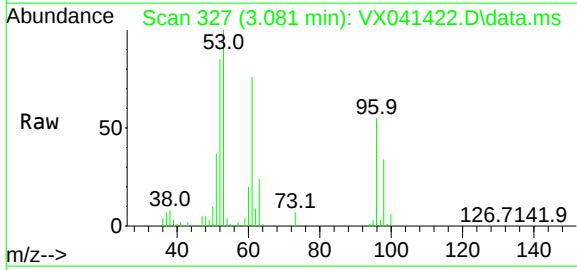
Tgt Ion: 84 Resp: 92150
Ion Ratio Lower Upper
84 100
49 122.9 103.6 155.4
51 36.9 33.8 50.6
86 65.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.949 ug/l
RT: 3.081 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

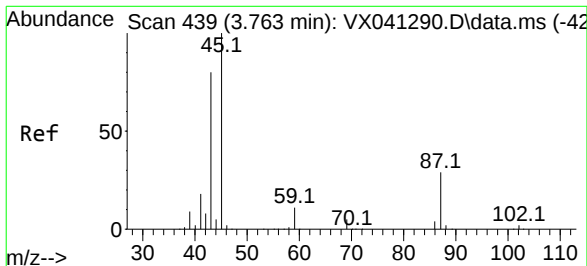
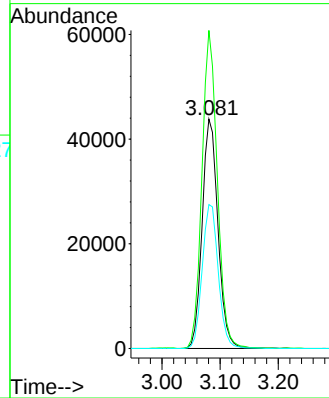
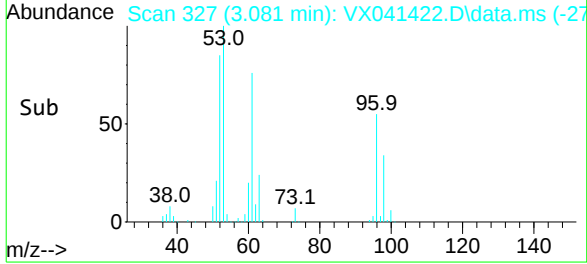
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 82844
Ion Ratio Lower Upper
96 100
61 138.6 119.2 178.8
98 62.7 48.7 73.1

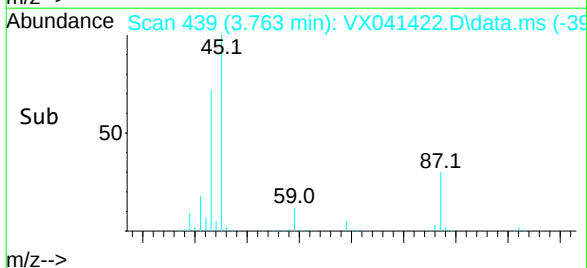
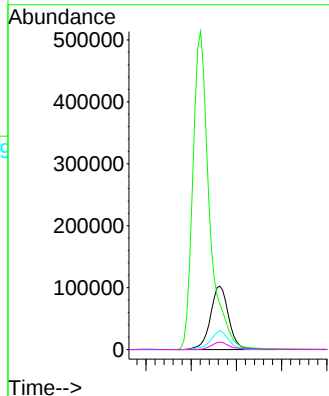
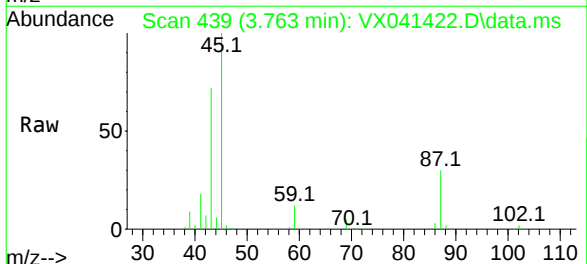
Manual Integrations
APPROVED

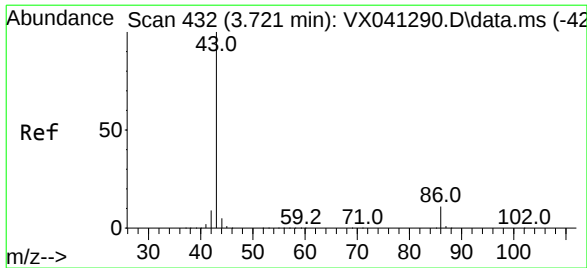
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#22
Diisopropyl ether
Concen: 57.656 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 45 Resp: 287418
Ion Ratio Lower Upper
45 100
43 71.3 69.7 104.5
87 30.1 20.8 31.2
59 11.6 9.0 13.4





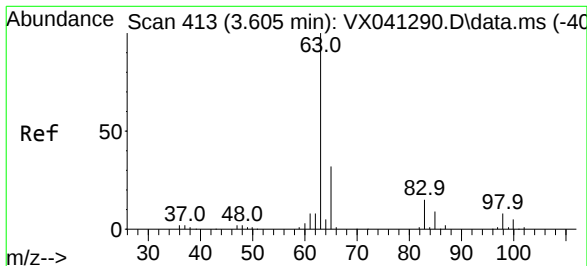
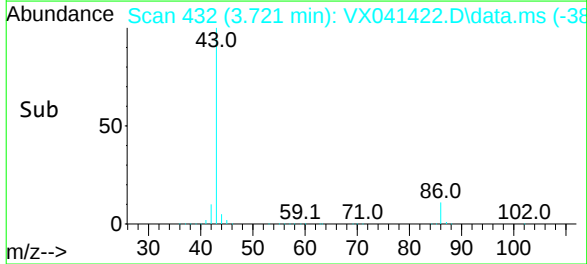
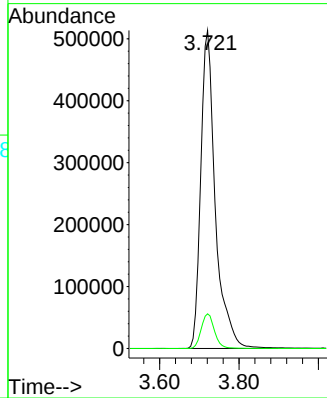
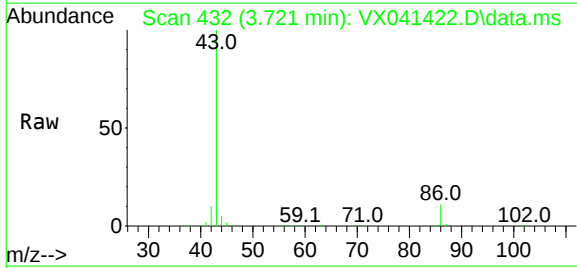
#23
 Vinyl Acetate
 Concen: 293.165 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VX041422.D
 Acq: 08 May 2024 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1307295
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

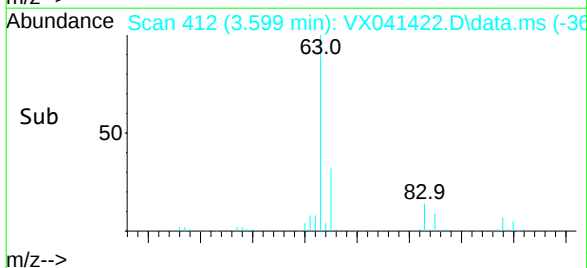
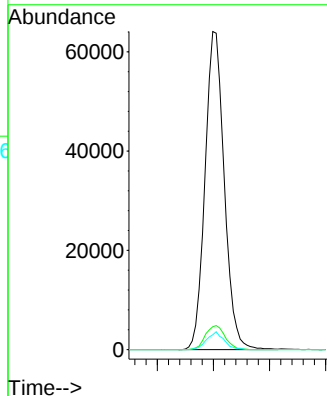
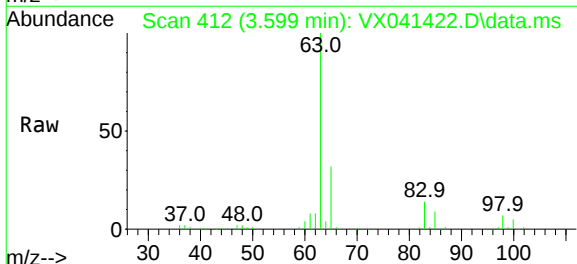
Manual Integrations
 APPROVED

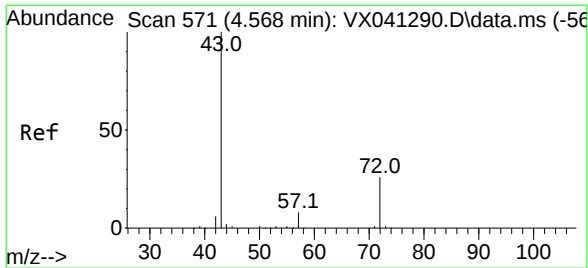
Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#24
 1,1-Dichloroethane
 Concen: 54.170 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX041422.D
 Acq: 08 May 2024 16:42

Tgt Ion: 63 Resp: 152559
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.7 2.1 6.5





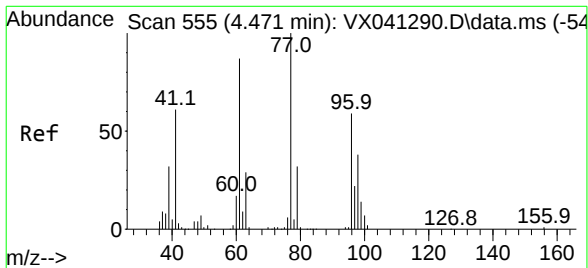
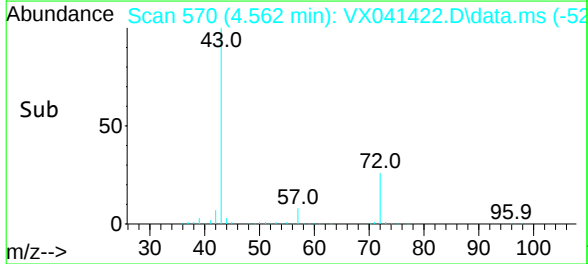
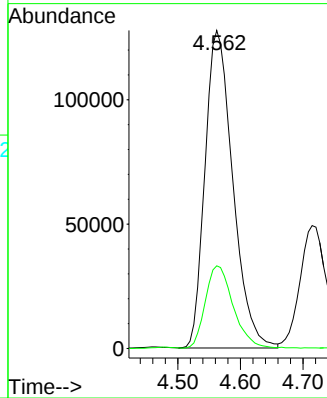
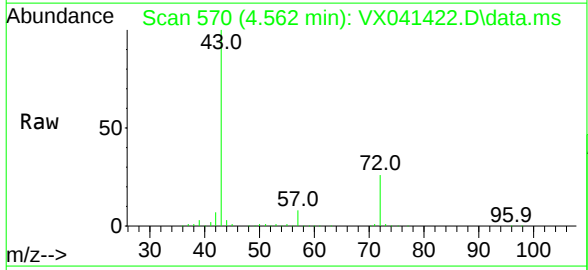
#25
2-Butanone
Concen: 309.851 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 394436
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

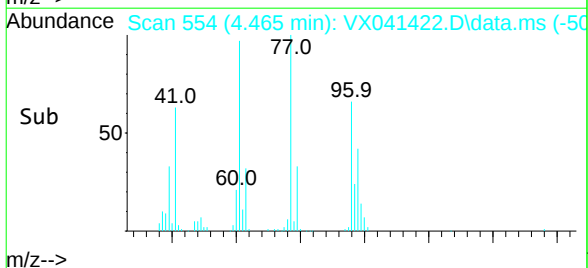
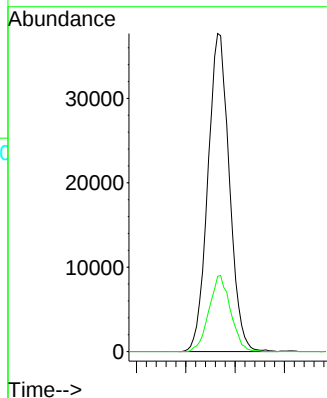
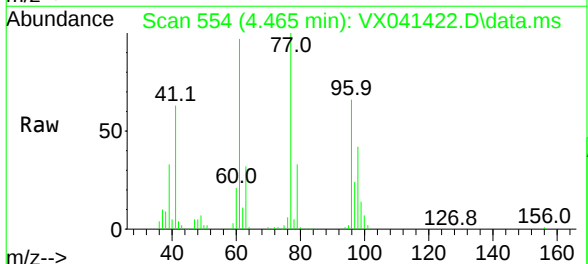
Manual Integrations
APPROVED

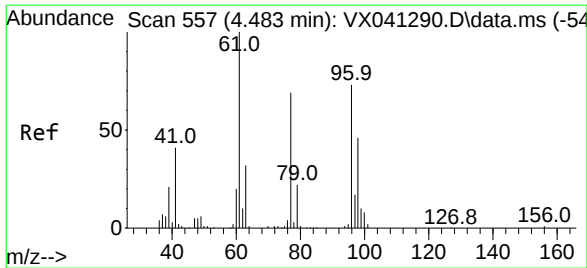
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#26
2,2-Dichloropropane
Concen: 48.473 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

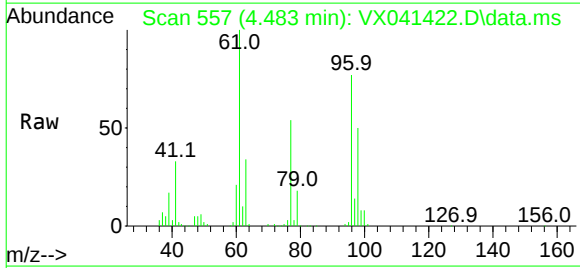
Tgt Ion: 77 Resp: 114139
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 56.556 ug/l
RT: 4.483 min Scan# 55
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

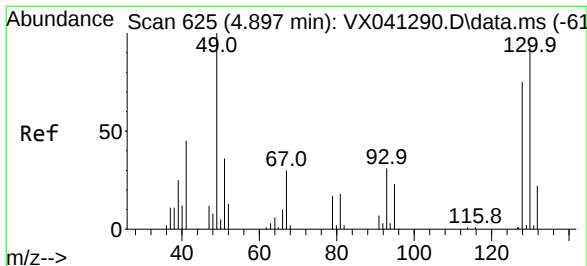
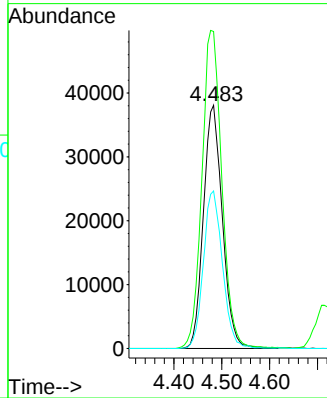
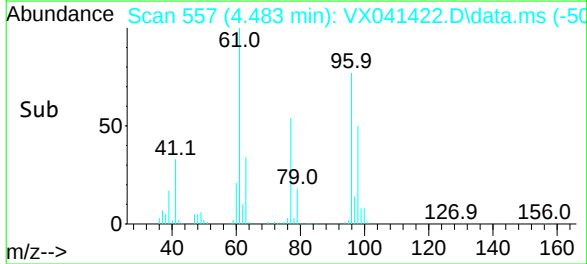
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



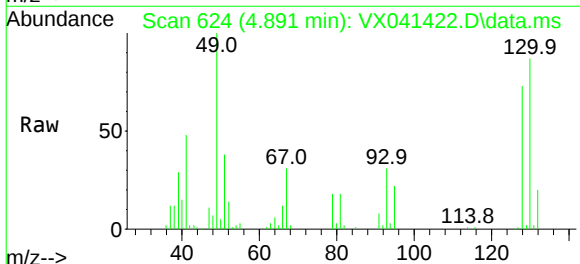
Tgt Ion: 96 Resp: 104772
Ion Ratio Lower Upper
96 100
61 137.7 0.0 312.2
98 65.2 0.0 129.0

Manual Integrations
APPROVED

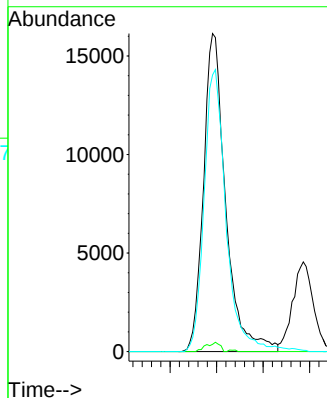
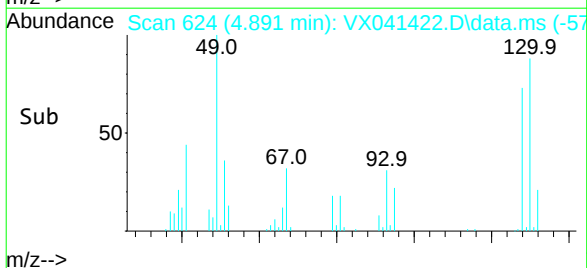
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

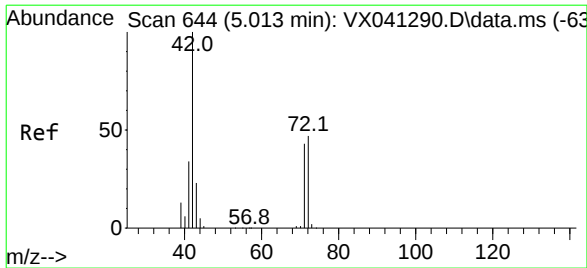


#28
Bromochloromethane
Concen: 53.202 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42



Tgt Ion: 49 Resp: 53473
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 88.0 57.5 86.3#





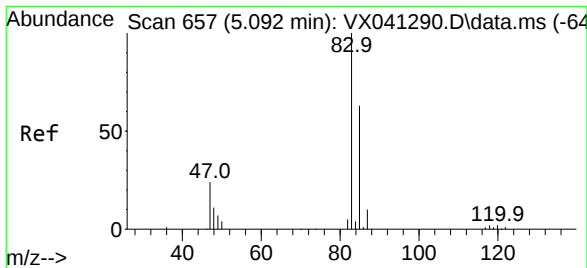
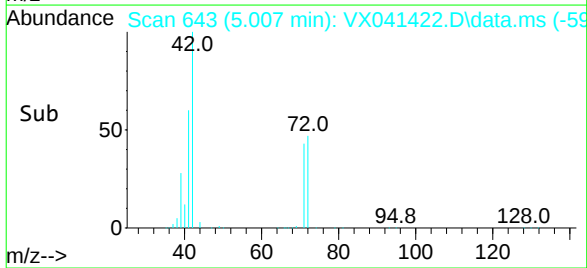
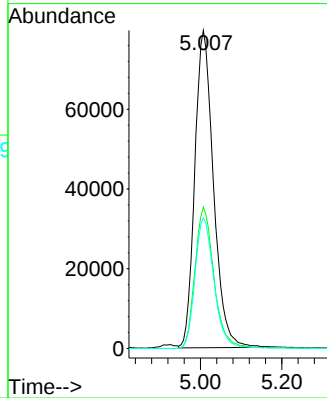
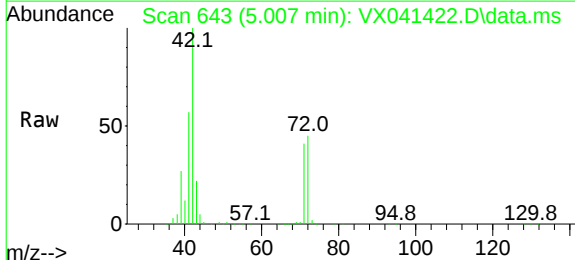
#29
Tetrahydrofuran
Concen: 305.312 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	42	Resp:	254181
Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.2	51.4
71	41.8	32.2	48.2

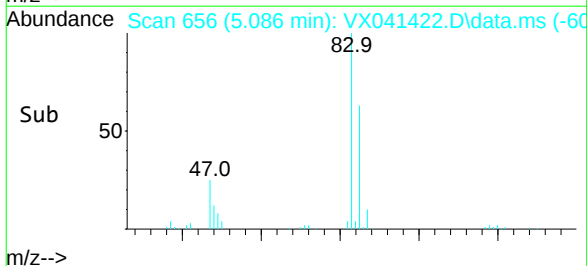
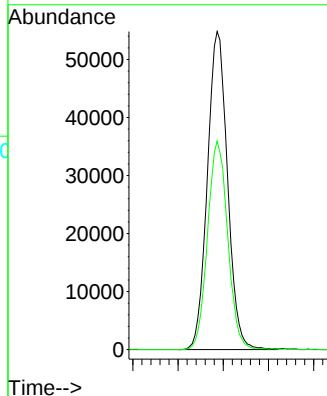
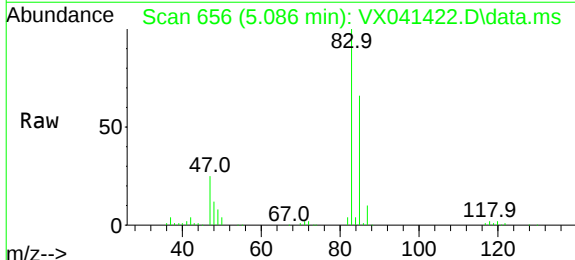
Manual Integrations
APPROVED

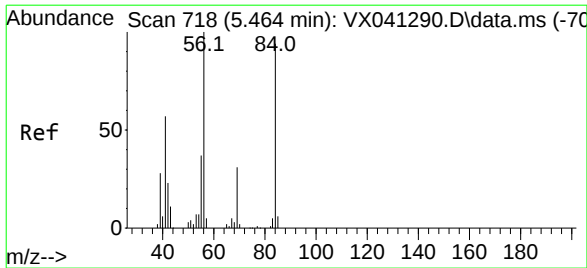
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#30
Chloroform
Concen: 57.903 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion:	83	Resp:	169655
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5





#31

Cyclohexane

Concen: 47.070 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 111735

Ion Ratio Lower Upper

56 100

69 30.4 23.4 35.2

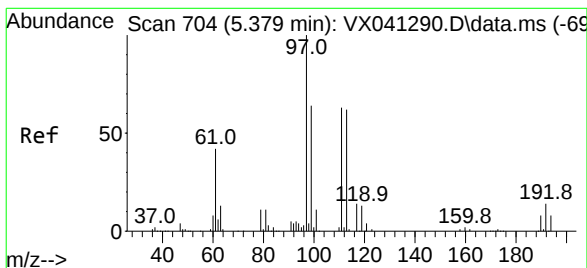
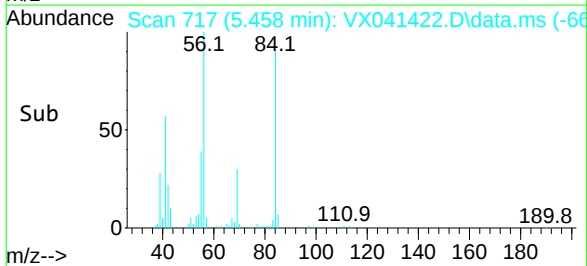
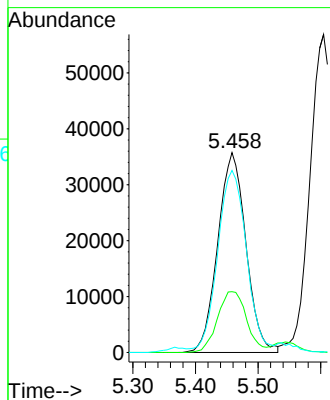
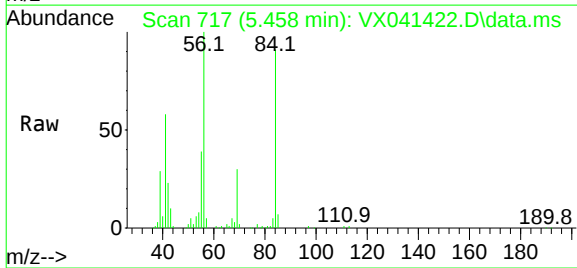
84 88.9 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#32

1,1,1-Trichloroethane

Concen: 55.226 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

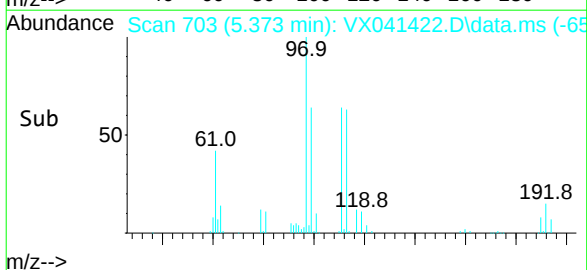
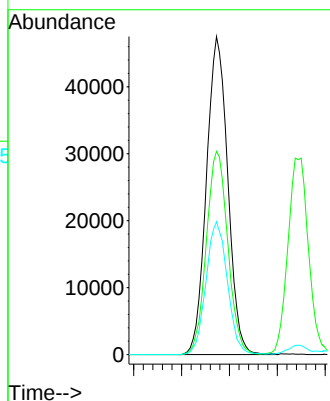
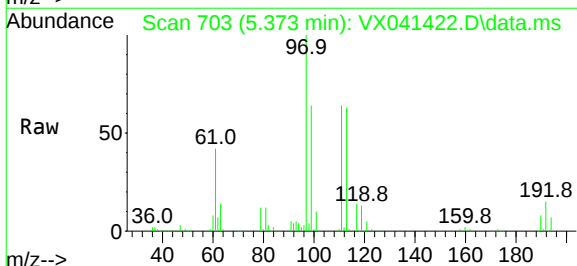
Tgt Ion: 97 Resp: 147215

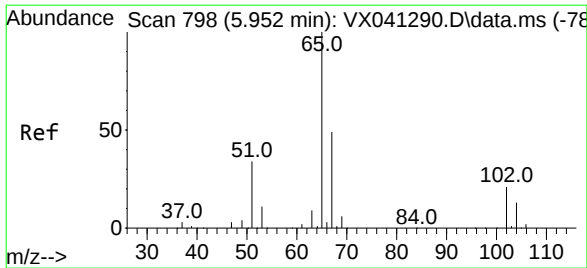
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 42.0 36.4 54.6





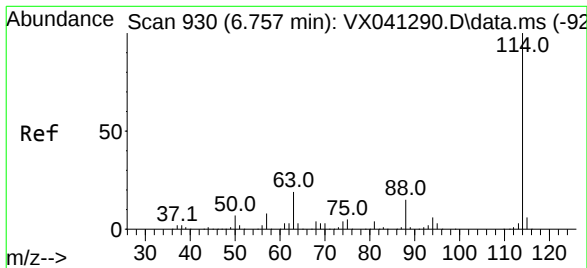
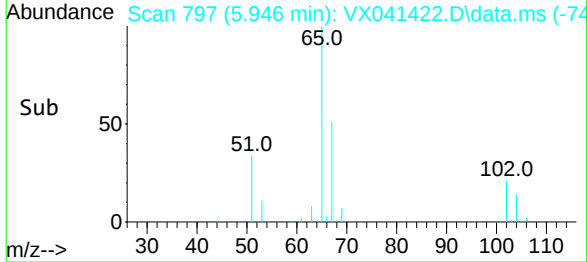
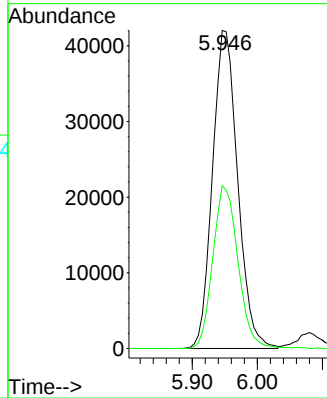
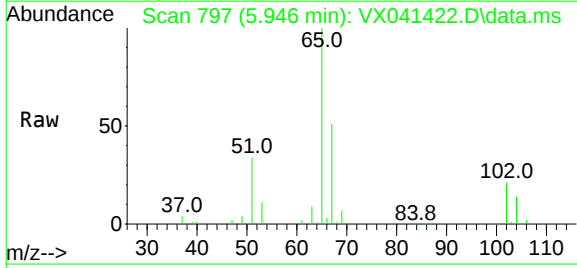
#33
1,2-Dichloroethane-d4
Concen: 57.392 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 112880
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

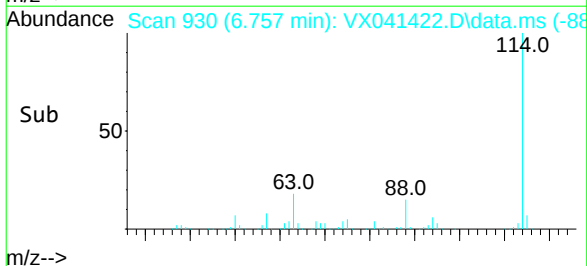
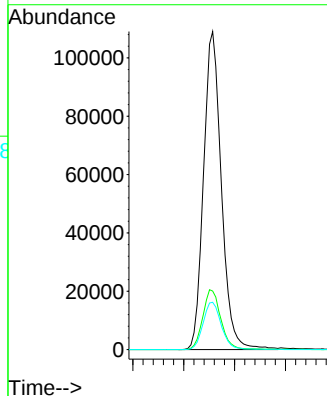
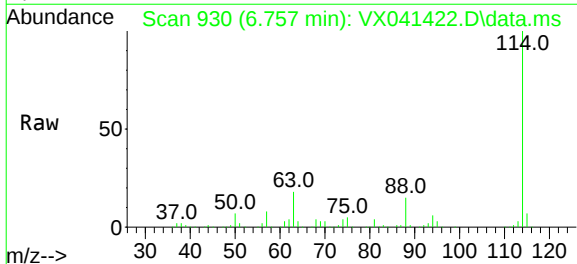
Manual Integrations
APPROVED

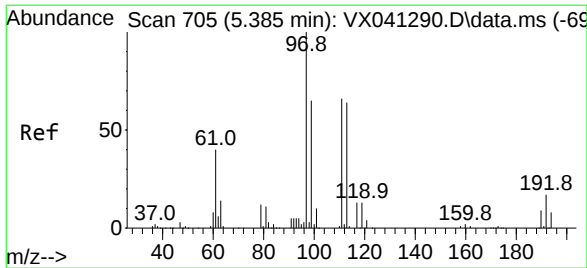
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion:114 Resp: 265498
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.9 0.0 36.6





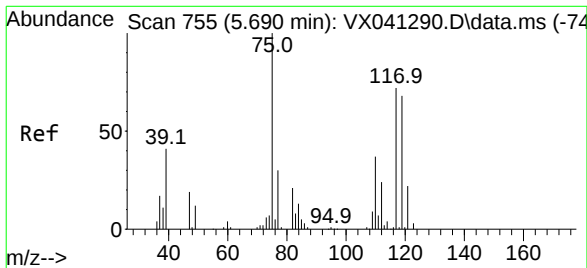
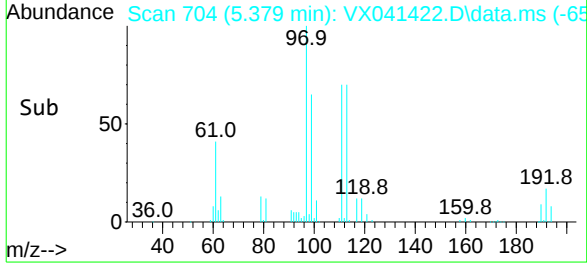
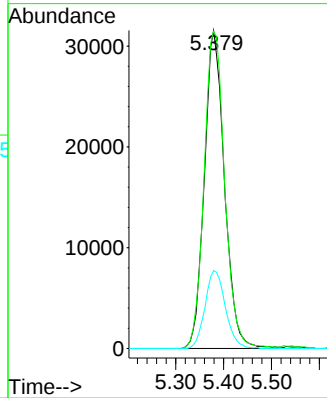
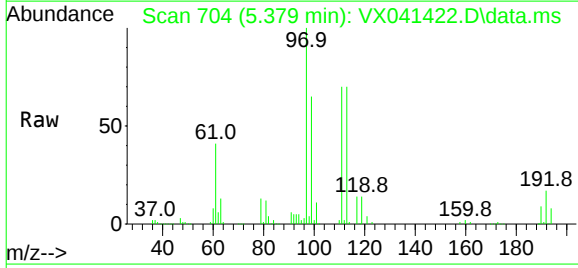
#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	24.9	13.3	19.9

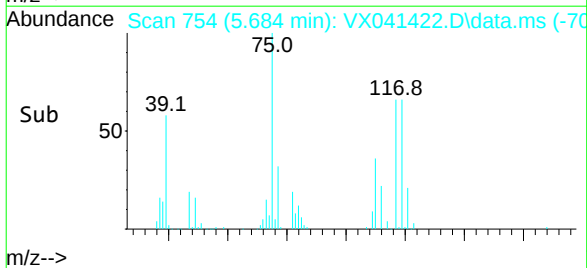
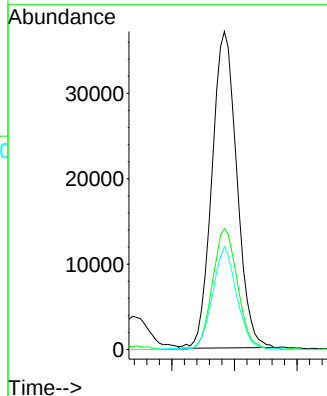
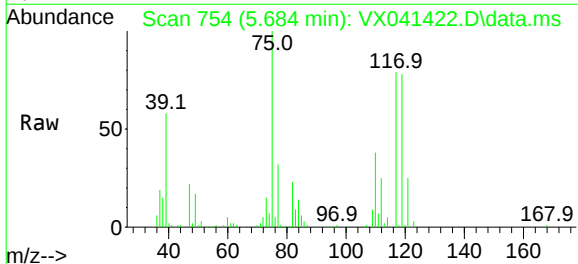
Manual Integrations
APPROVED

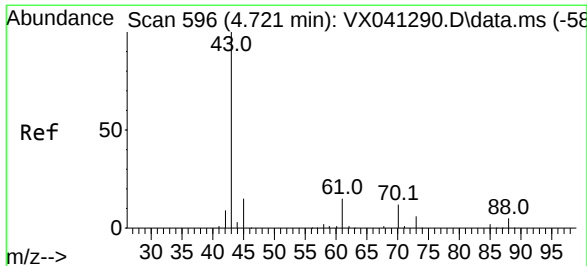
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#36
1,1-Dichloropropene
Concen: 47.651 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	17.0	50.9
77	31.7	24.7	37.1





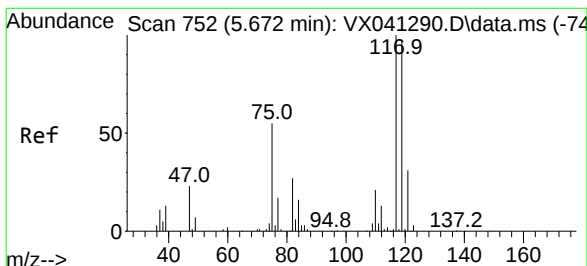
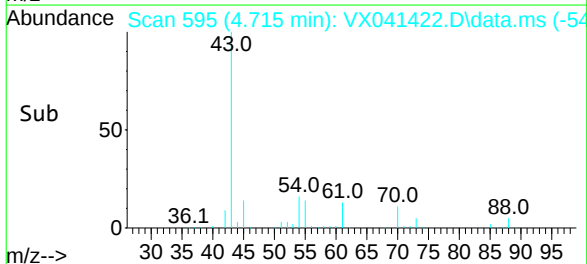
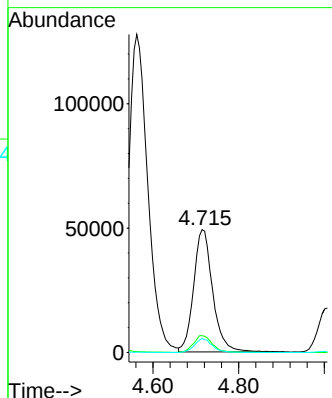
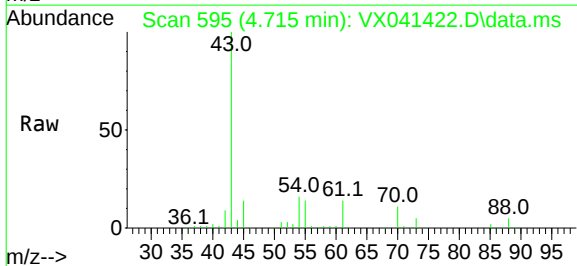
#37
Ethyl Acetate
Concen: 56.490 ug/l
RT: 4.715 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	151641
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	10.6	8.3	12.5

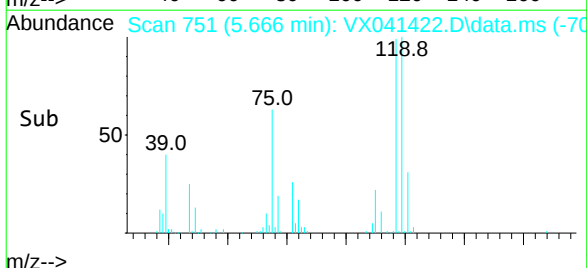
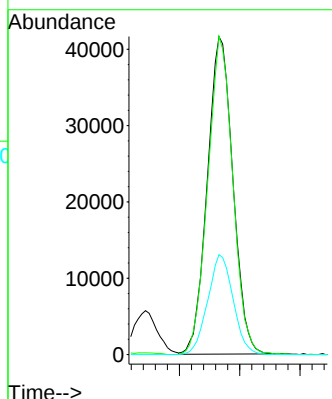
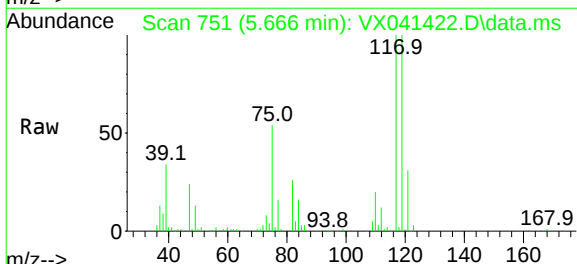
Manual Integrations
APPROVED

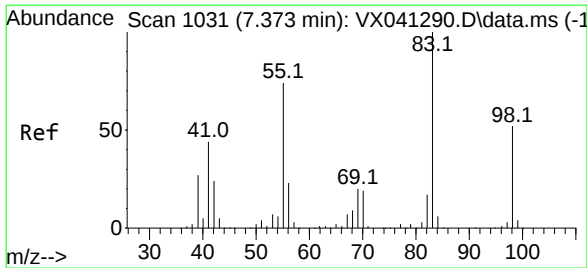
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Carbon Tetrachloride
Concen: 49.793 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion:	117	Resp:	122721
Ion	Ratio	Lower	Upper
117	100		
119	100.1	78.2	117.2
121	31.5	24.4	36.6





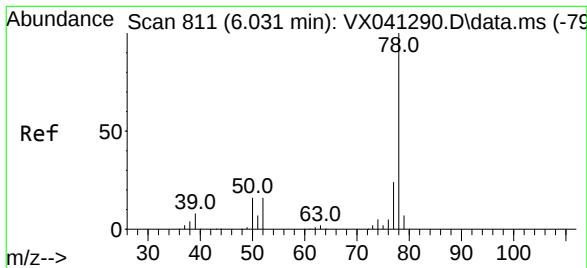
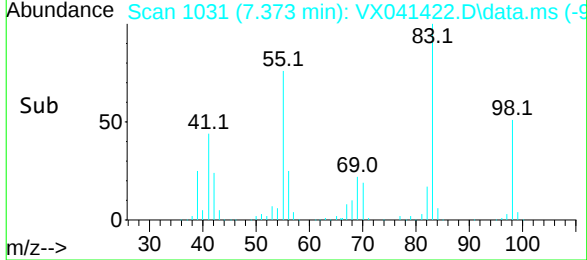
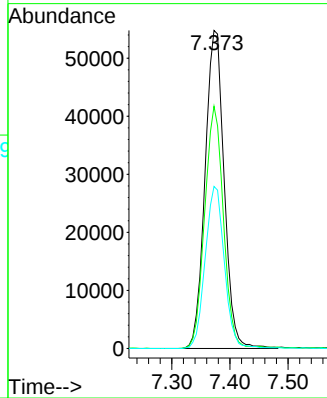
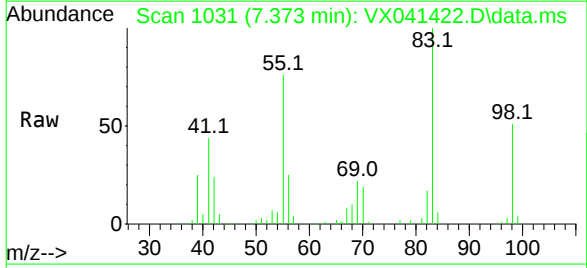
#39
Methylcyclohexane
Concen: 49.423 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 124916
Ion Ratio Lower Upper
83 100
55 76.2 64.6 97.0
98 50.9 36.7 55.1

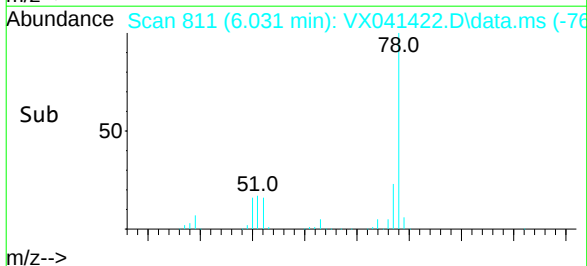
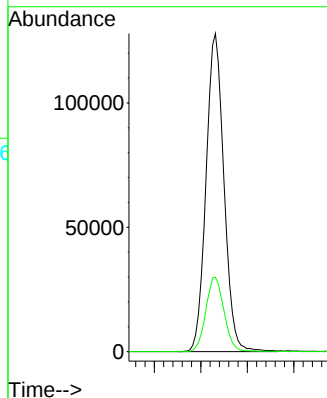
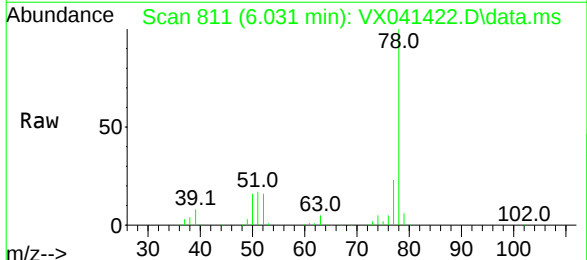
Manual Integrations
APPROVED

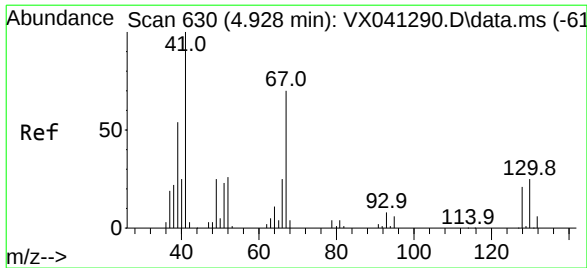
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#40
Benzene
Concen: 51.516 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 78 Resp: 341666
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





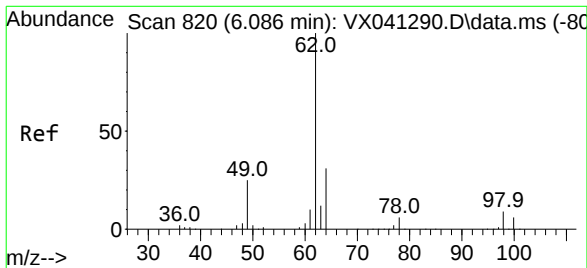
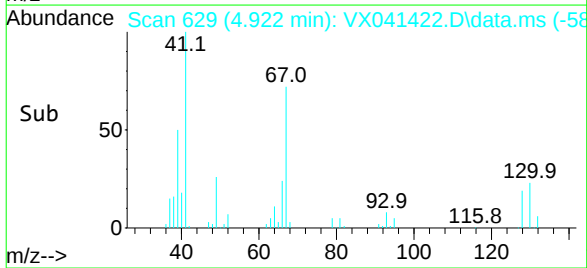
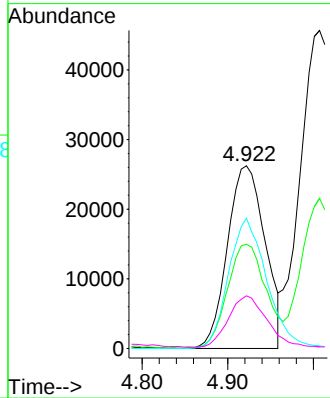
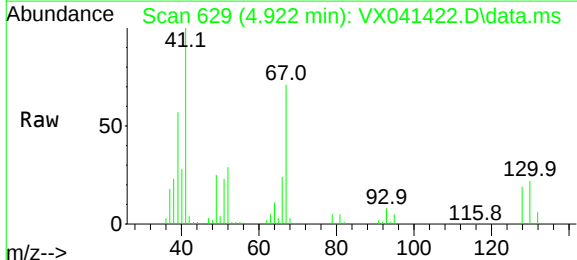
#41
Methacrylonitrile
Concen: 57.950 ug/l
RT: 4.922 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	80064
Ion	Ratio	Lower	Upper
41	100		
39	58.8	45.2	67.8
67	73.4	52.6	78.8
52	31.1	22.7	34.1

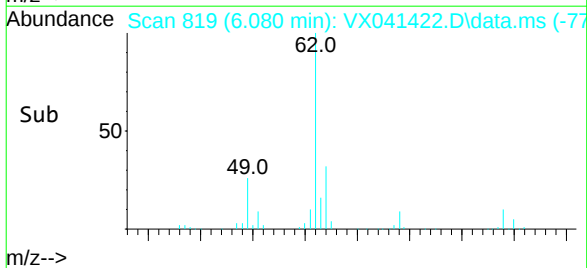
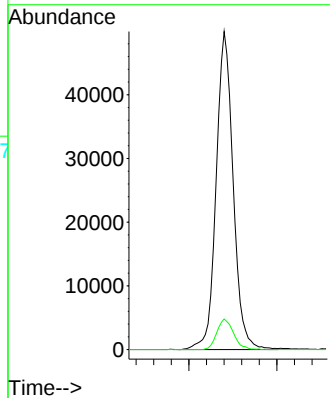
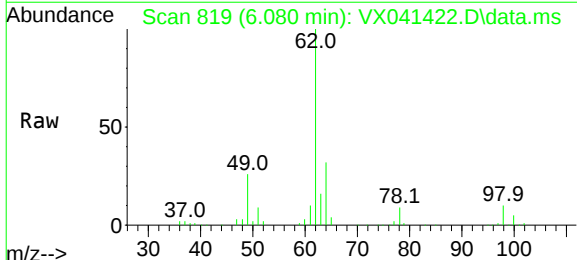
Manual Integrations
APPROVED

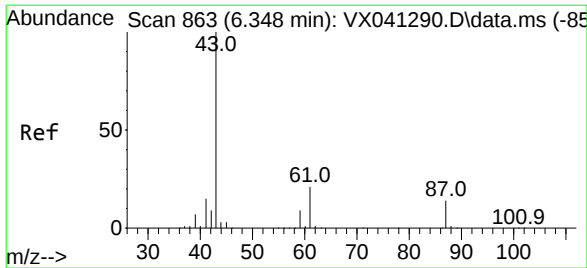
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
1,2-Dichloroethane
Concen: 55.132 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion:	62	Resp:	134005
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 57.587 ug/l

RT: 6.342 min Scan# 86

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

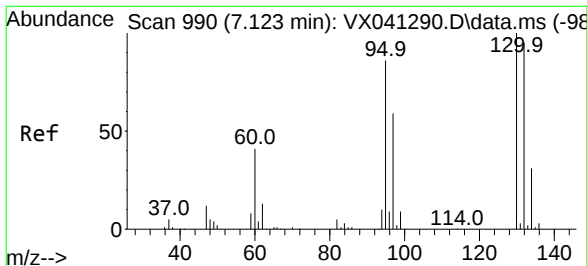
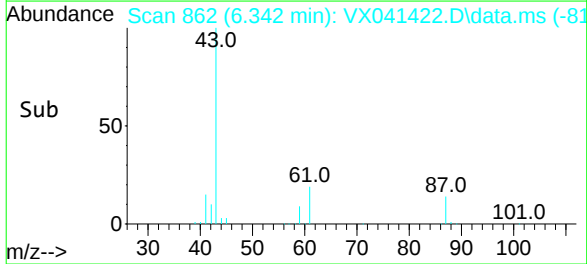
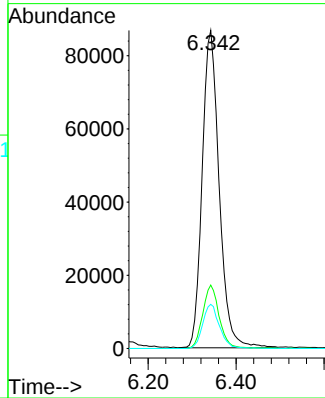
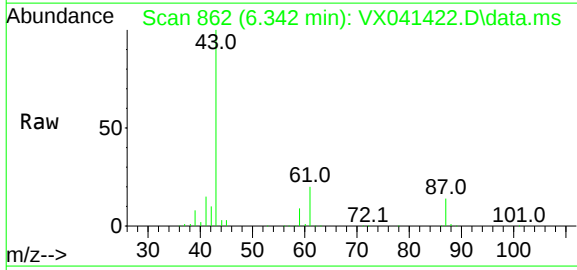
Tgt Ion:	43	Resp:	232429
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	13.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#44

Trichloroethene

Concen: 53.444 ug/l

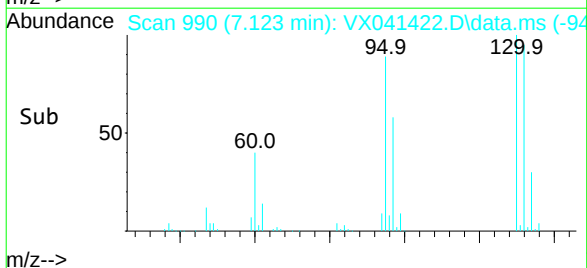
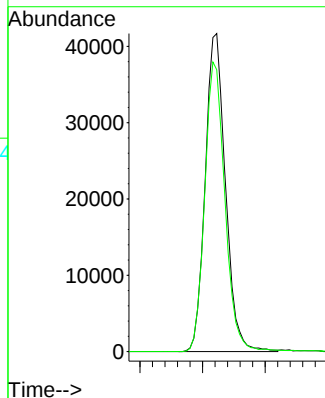
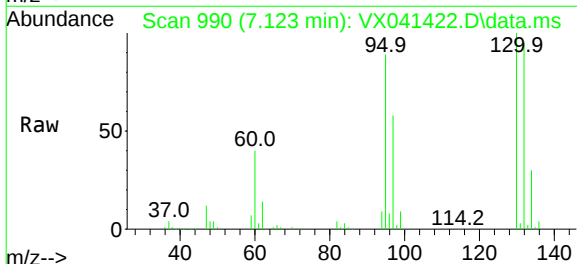
RT: 7.123 min Scan# 990

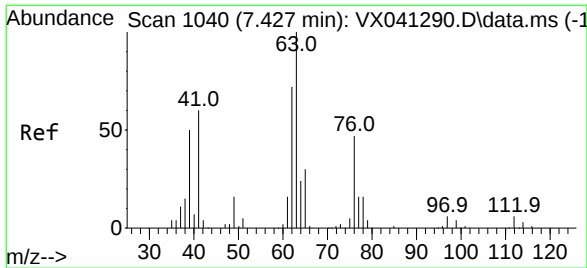
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	130	Resp:	93597
Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	204.4





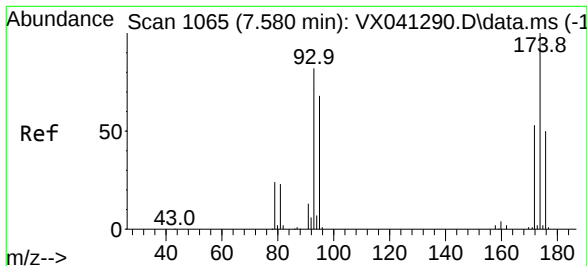
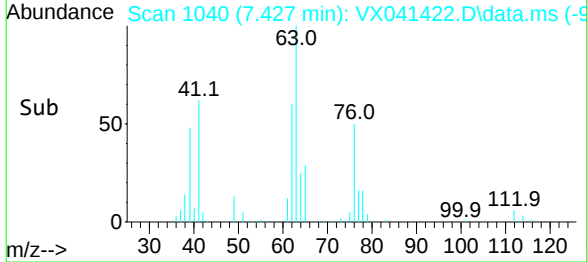
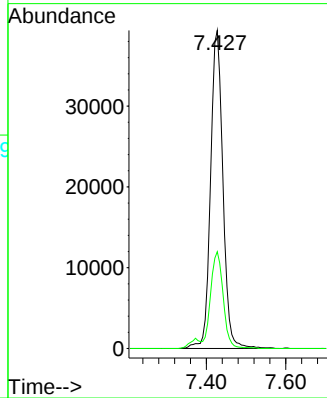
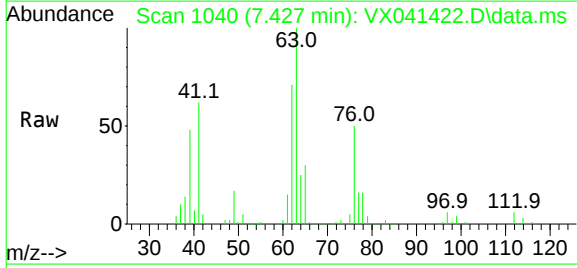
#45
1,2-Dichloropropane
Concen: 57.433 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 85106
Ion Ratio Lower Upper
63 100
65 30.4 24.3 36.5

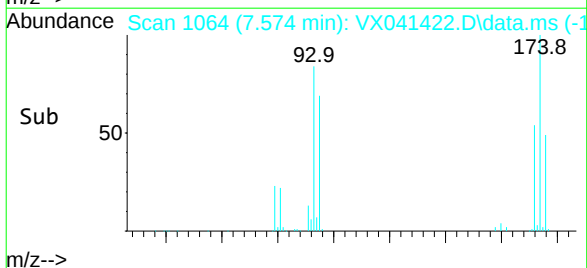
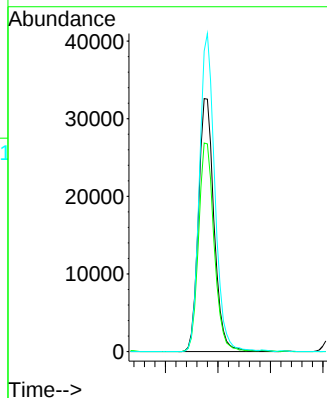
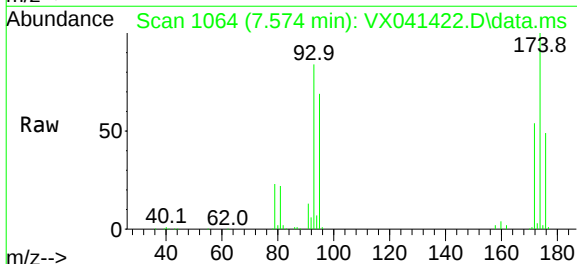
Manual Integrations
APPROVED

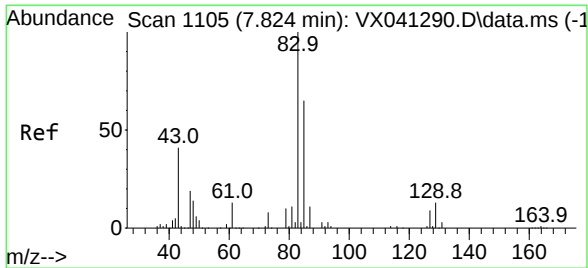
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#46
Dibromomethane
Concen: 56.970 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 93 Resp: 67204
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 123.3 69.4 104.0#





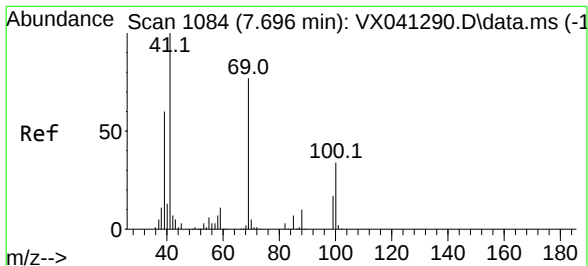
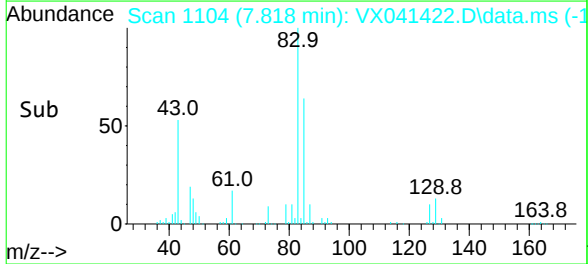
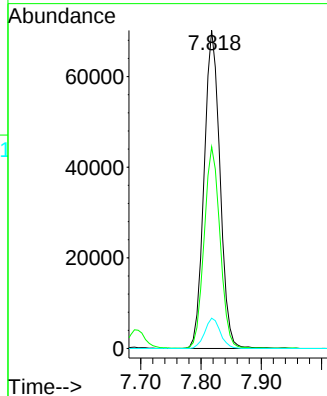
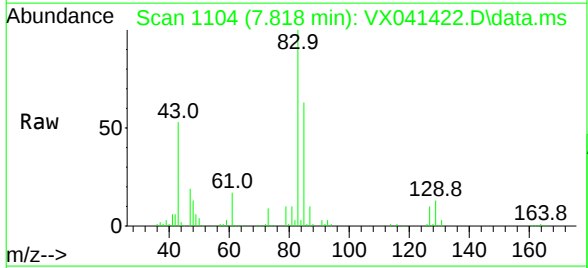
#47
Bromodichloromethane
Concen: 61.132 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 128506
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 9.5 7.1 10.7

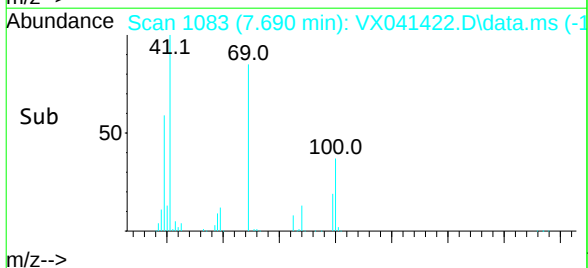
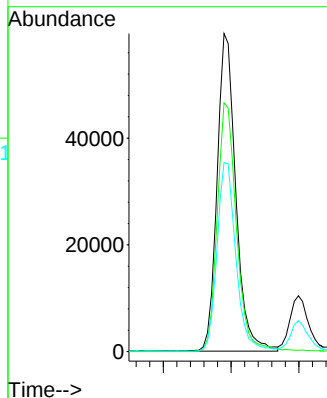
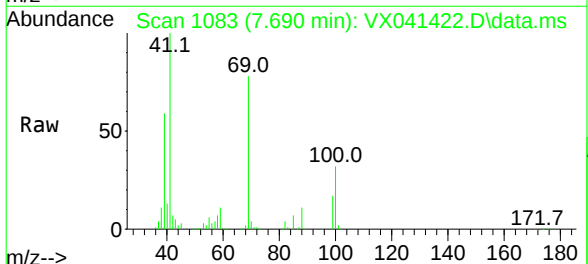
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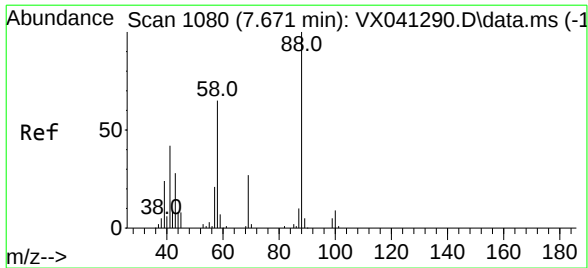
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
Methyl methacrylate
Concen: 61.806 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

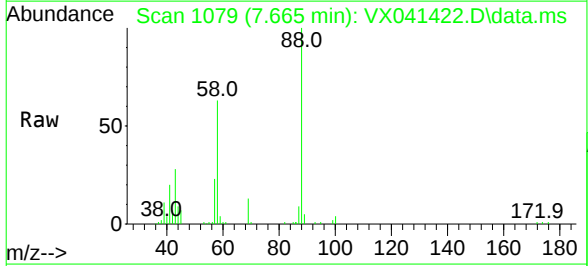
Tgt Ion: 41 Resp: 114353
Ion Ratio Lower Upper
41 100
69 80.6 59.2 88.8
39 59.8 47.7 71.5





#49
1,4-Dioxane
Concen: 1202.764 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

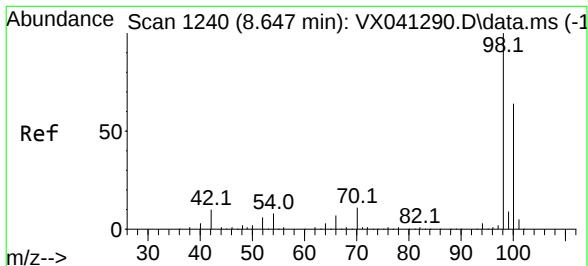
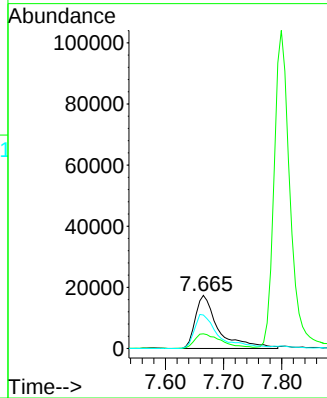
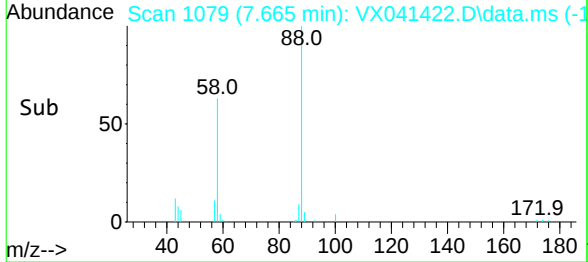
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 48113
Ion Ratio Lower Upper
88 100
43 32.9 0.0 0.0#
58 67.1 60.1 90.1

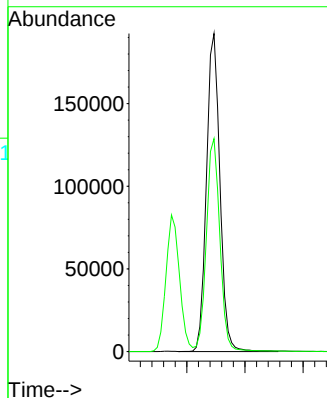
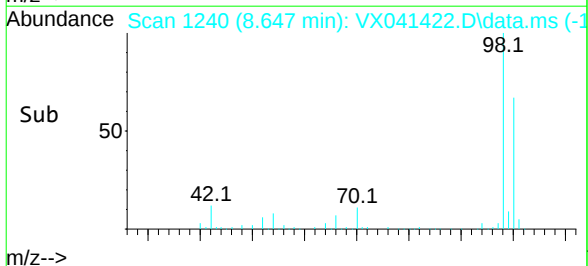
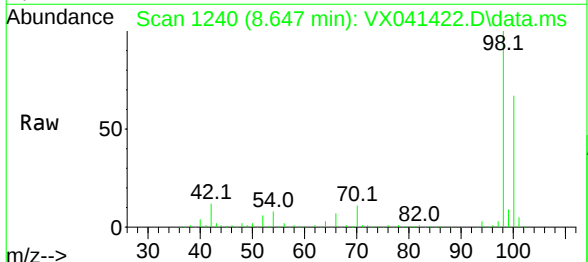
Manual Integrations
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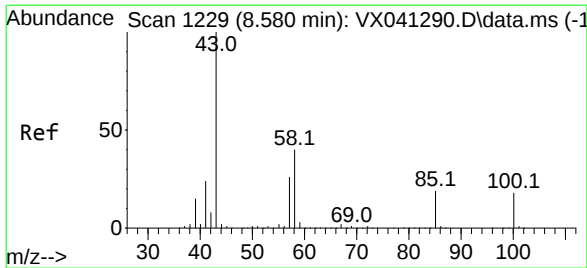
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#50
Toluene-d8
Concen: 54.380 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 98 Resp: 309673
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 322.941 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 782127

Ion Ratio Lower Upper

43 100

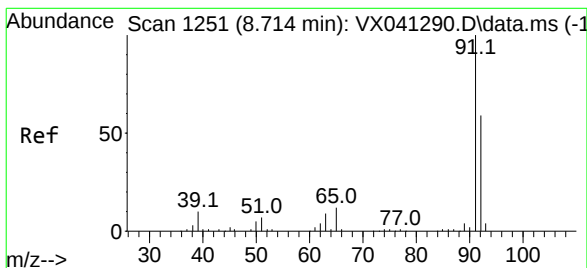
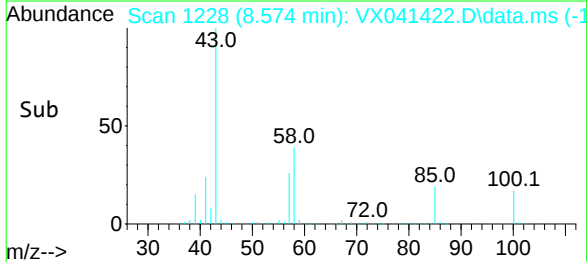
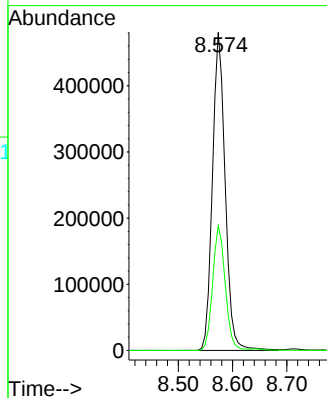
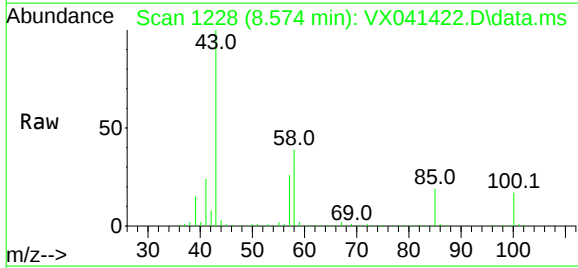
58 38.8 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#52

Toluene

Concen: 53.957 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041422.D

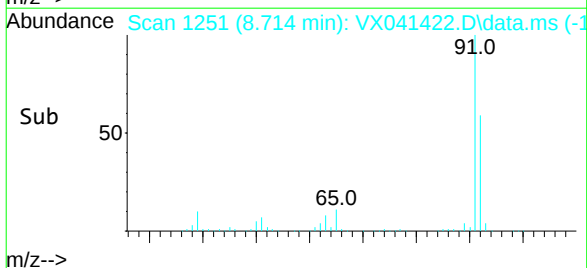
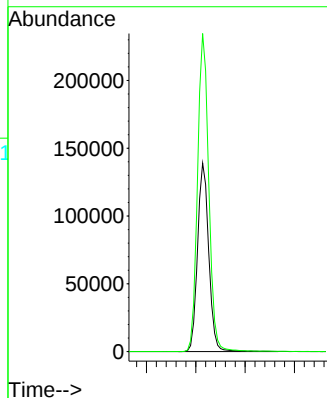
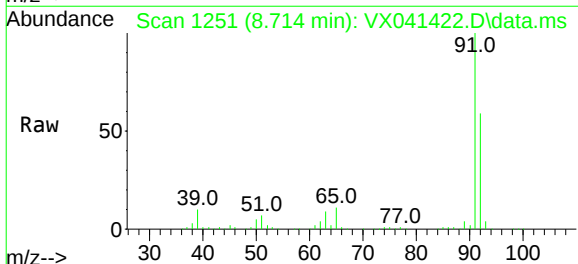
Acq: 08 May 2024 16:42

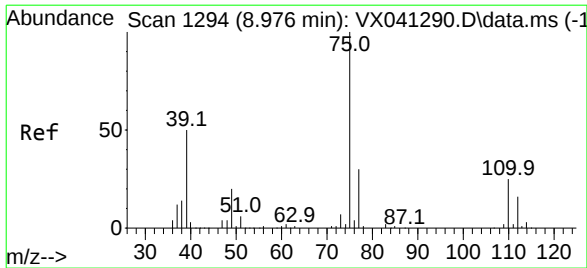
Tgt Ion: 92 Resp: 218911

Ion Ratio Lower Upper

92 100

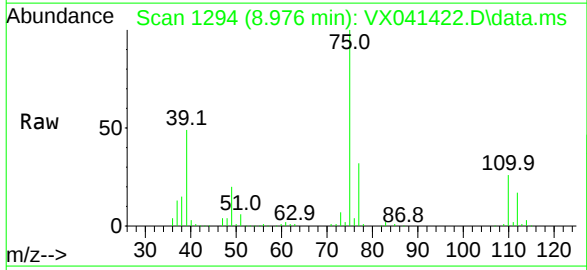
91 169.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 45.977 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

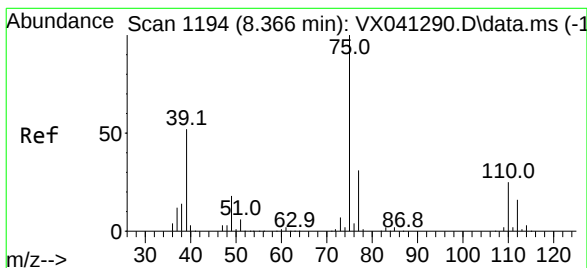
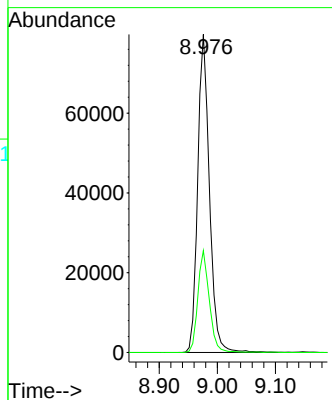
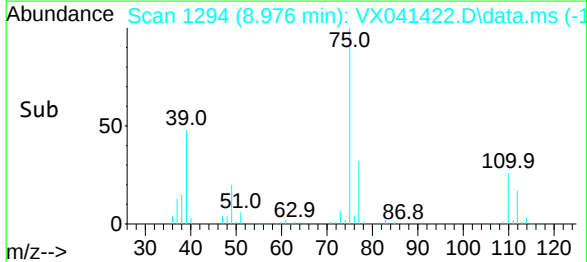
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



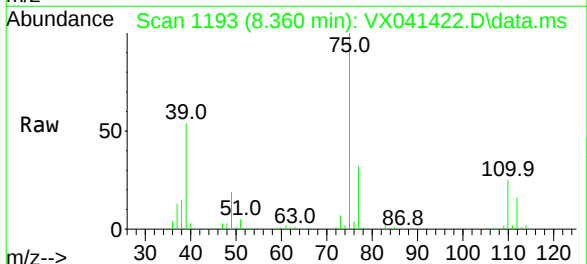
Tgt Ion: 75 Resp: 111846
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

Manual Integrations
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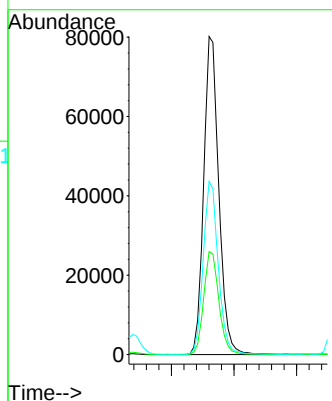
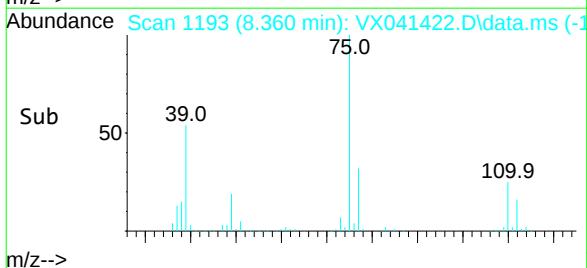
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

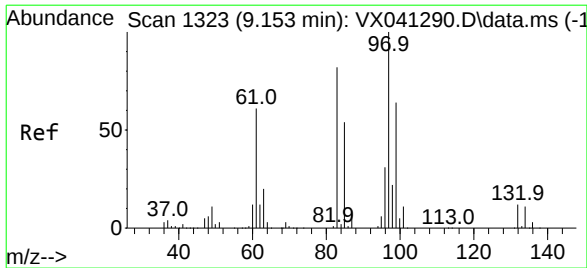


#54
cis-1,3-Dichloropropene
Concen: 58.172 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42



Tgt Ion: 75 Resp: 134434
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 54.4 46.7 70.1





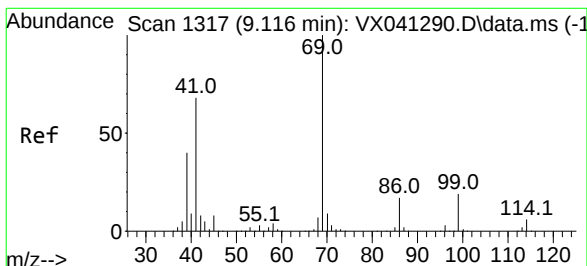
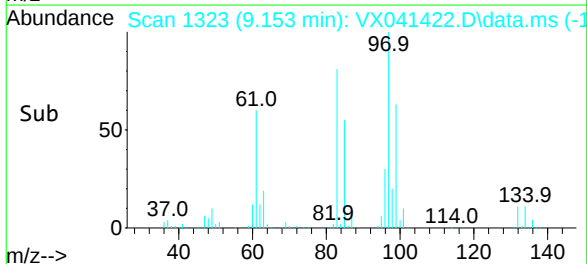
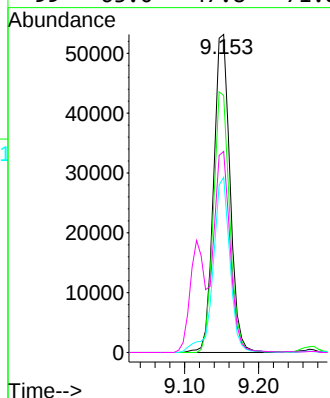
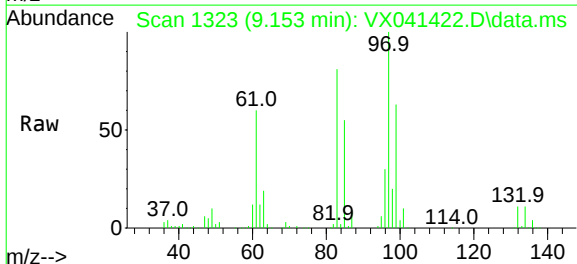
#55
1,1,2-Trichloroethane
Concen: 52.448 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	81946
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.8	98.8
85	55.1	41.6	62.4
99	63.0	47.8	71.8

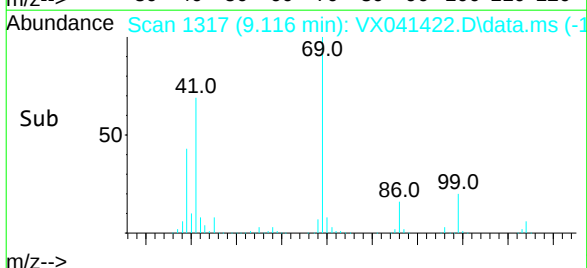
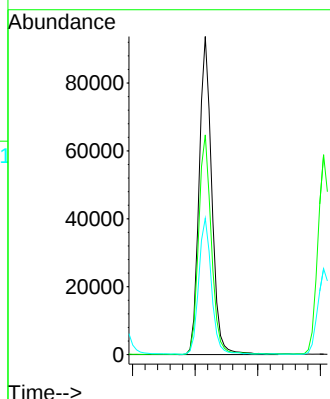
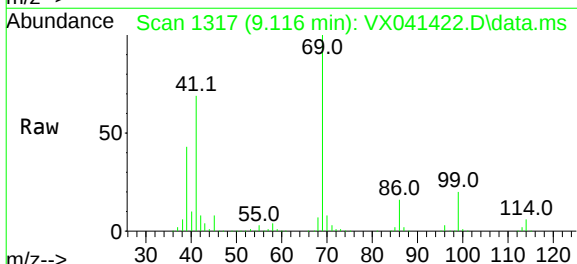
Manual Integrations
APPROVED

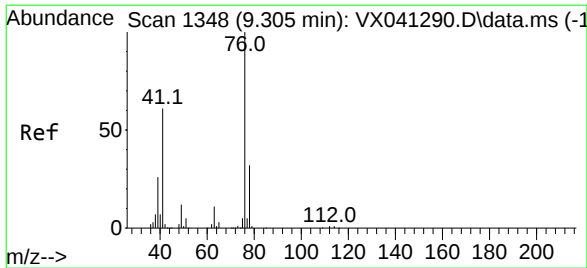
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#56
Ethyl methacrylate
Concen: 54.464 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion:	69	Resp:	131697
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	42.9	32.0	48.0





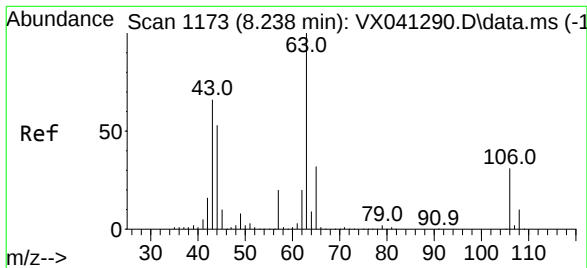
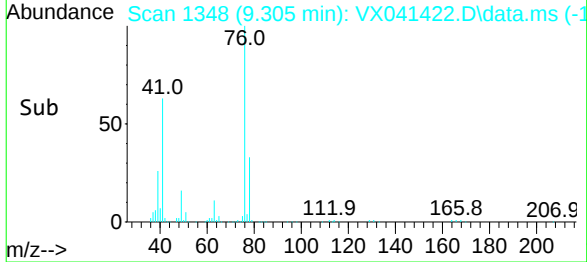
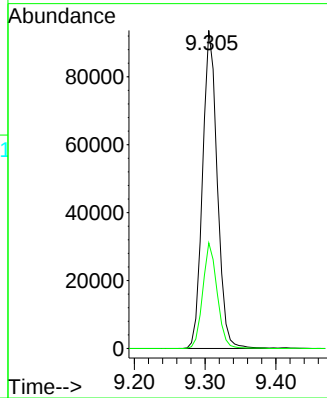
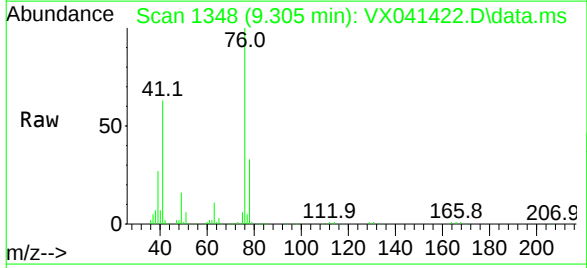
#57
1,3-Dichloropropane
Concen: 51.999 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 135593
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

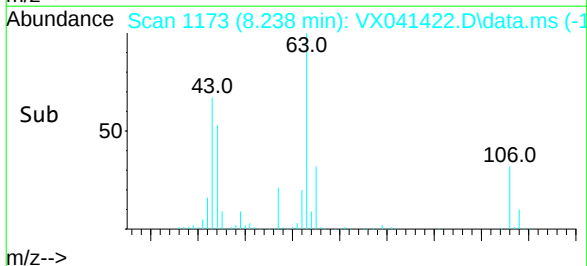
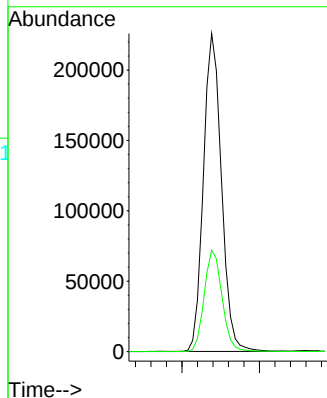
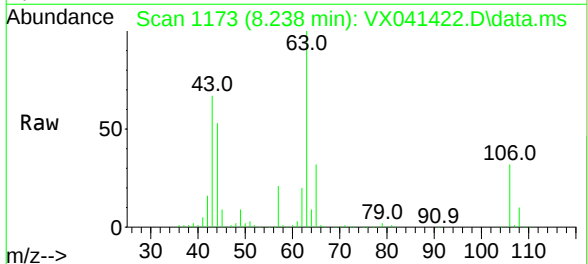
Manual Integrations
APPROVED

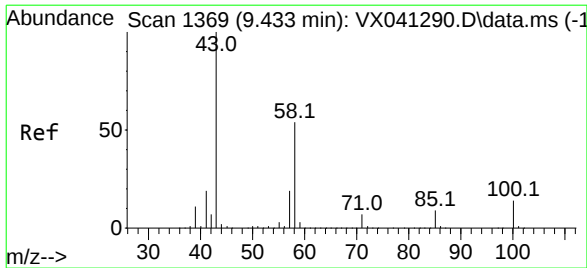
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#58
2-Chloroethyl Vinyl ether
Concen: 311.166 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

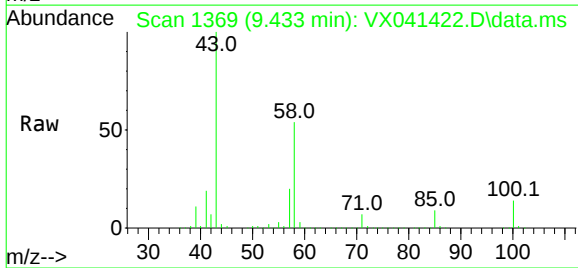
Tgt Ion: 63 Resp: 364832
Ion Ratio Lower Upper
63 100
106 31.6 22.5 33.7





#59
2-Hexanone
Concen: 289.691 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

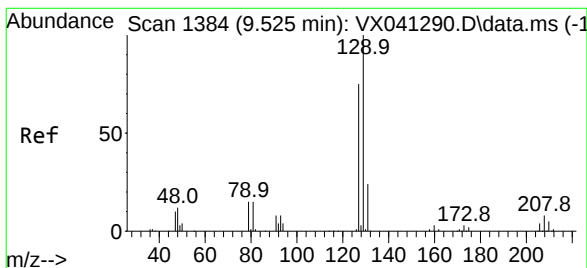
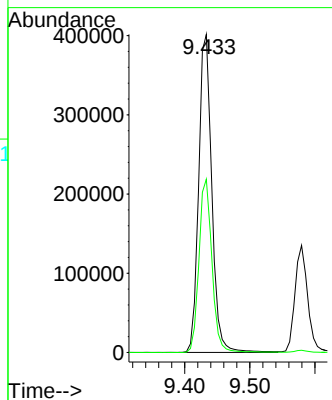
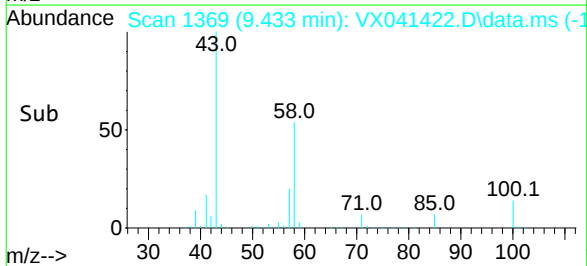
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 561022
Ion Ratio Lower Upper
43 100
58 54.2 26.2 78.5

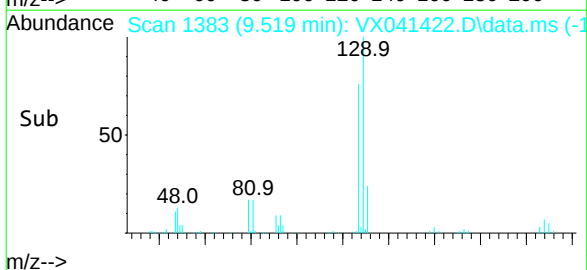
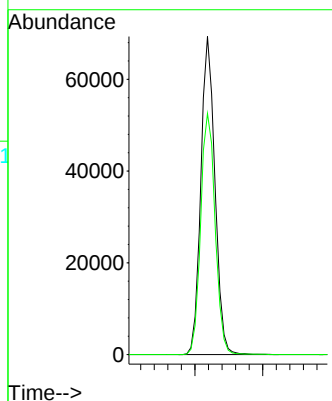
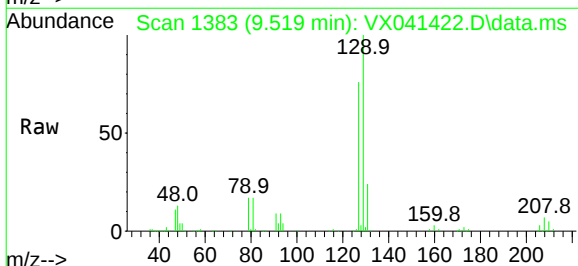
Manual Integrations
APPROVED

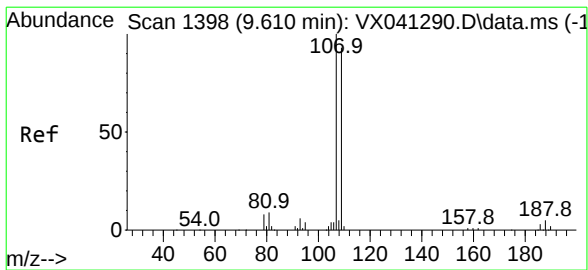
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#60
Dibromochloromethane
Concen: 54.315 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

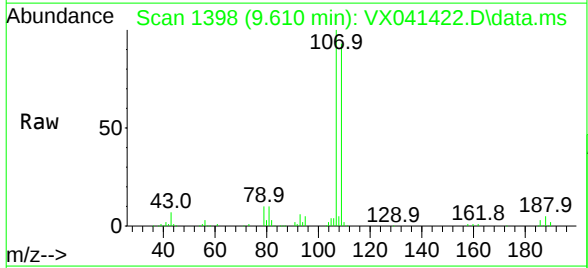
Tgt Ion:129 Resp: 99904
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.288 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

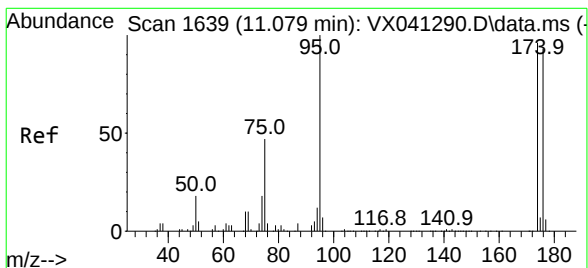
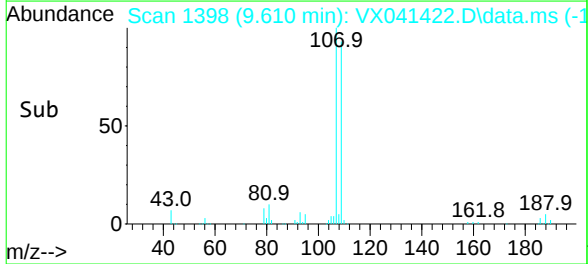
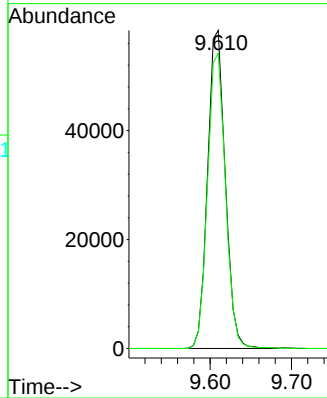
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 88159
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

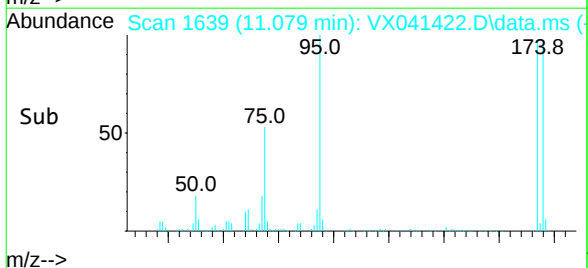
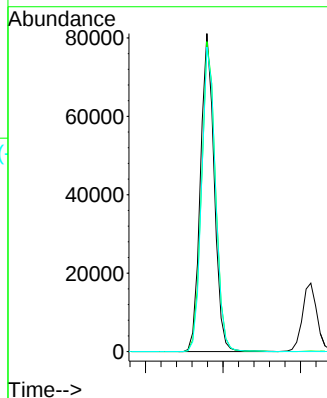
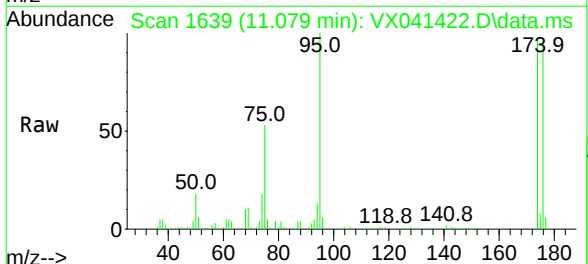
Manual Integrations
APPROVED

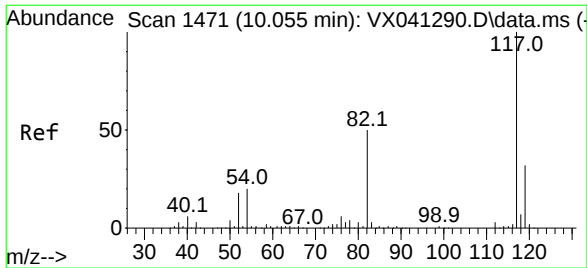
Reviewed By : John Carlone 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024



#62
4-Bromofluorobenzene
Concen: 45.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 95 Resp: 99711
Ion Ratio Lower Upper
95 100
174 98.8 0.0 135.6
176 97.0 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: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

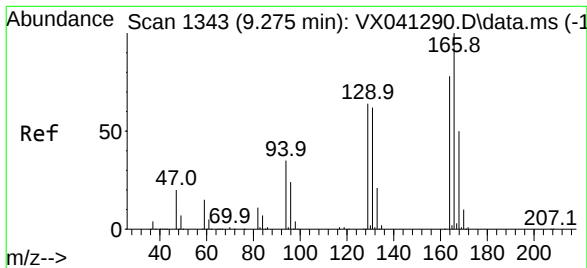
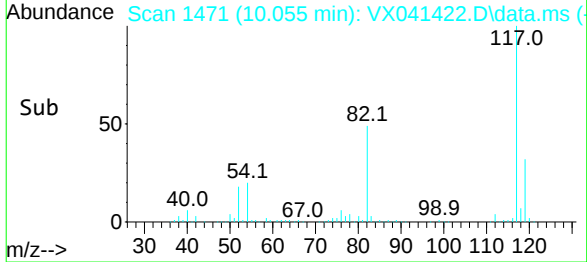
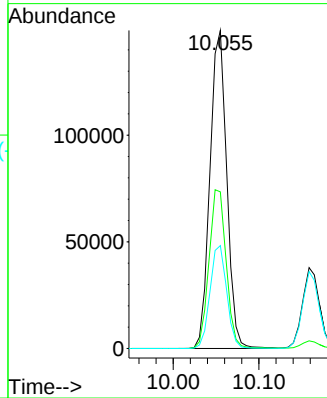
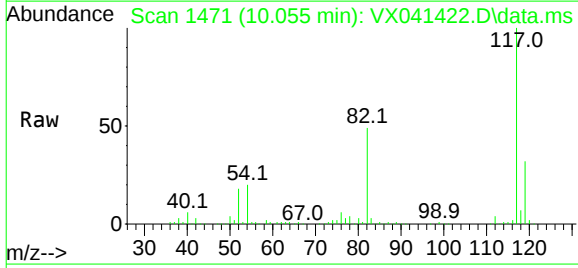
Tgt Ion:	117	Resp:	202943
Ion	Ratio	Lower	Upper
117	100		
82	49.2	46.2	69.4
119	32.3	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#64

Tetrachloroethene

Concen: 53.343 ug/l

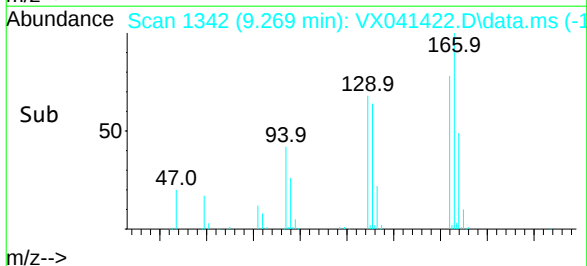
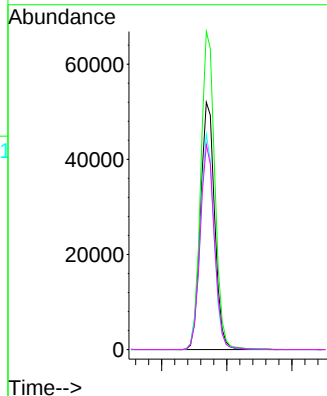
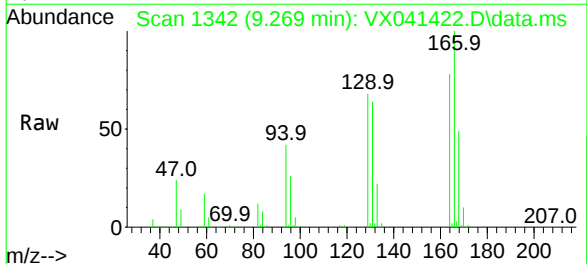
RT: 9.269 min Scan# 1342

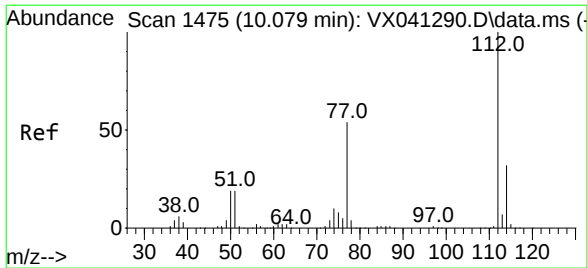
Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	164	Resp:	78392
Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.7	154.1
129	86.9	80.4	120.6
131	82.8	76.5	114.7





#65

Chlorobenzene

Concen: 52.290 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 215423

Ion Ratio Lower Upper

112 100

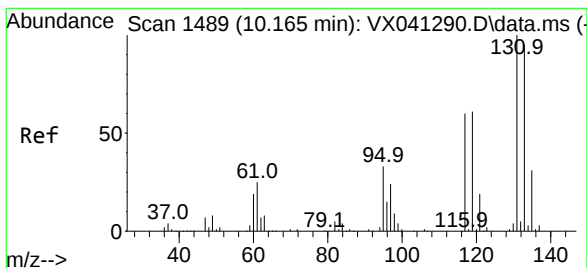
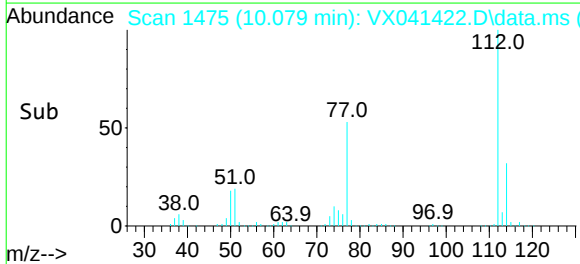
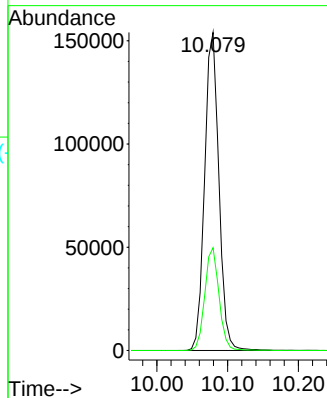
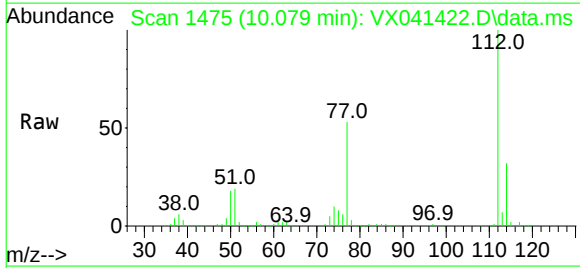
114 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 55.212 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

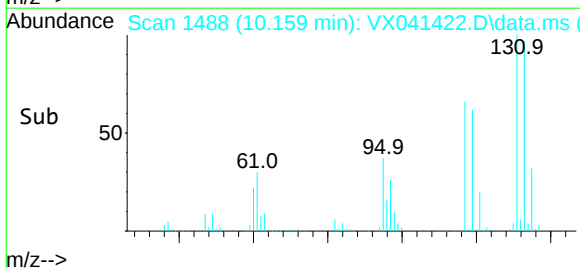
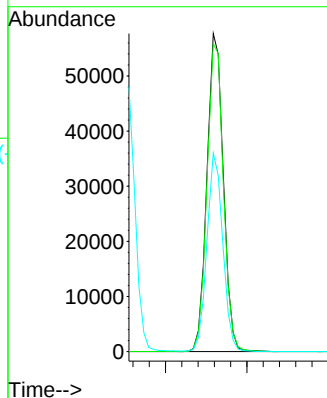
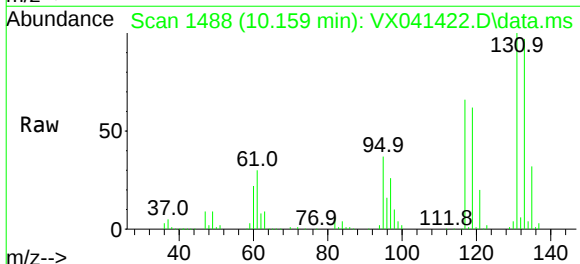
Tgt Ion:131 Resp: 80372

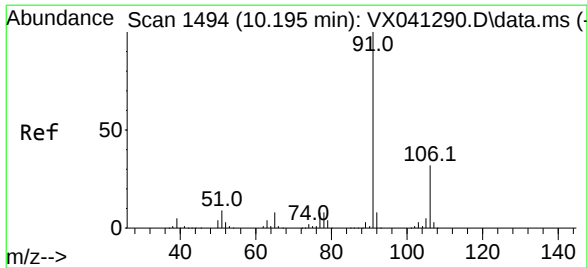
Ion Ratio Lower Upper

131 100

133 97.0 47.1 141.4

119 60.7 32.2 96.6





#67

Ethyl Benzene

Concen: 50.960 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 346378

Ion Ratio Lower Upper

91 100

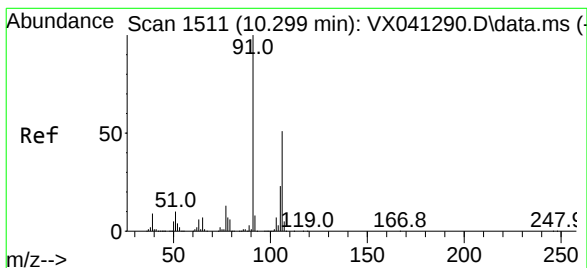
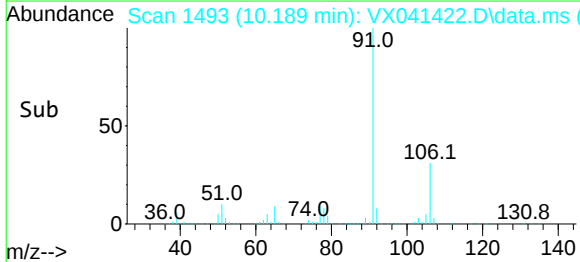
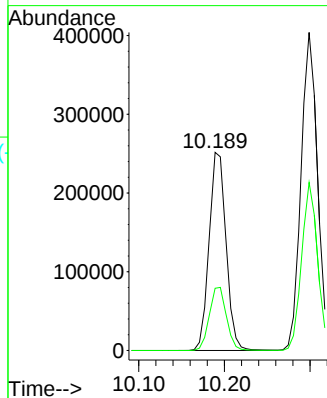
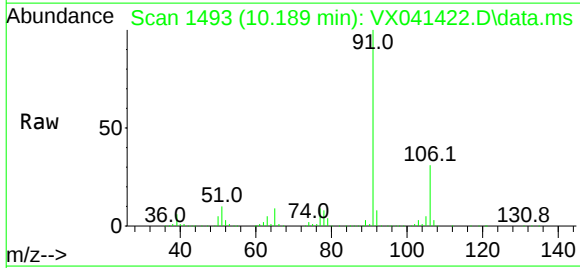
106 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#68

m/p-Xylenes

Concen: 102.142 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041422.D

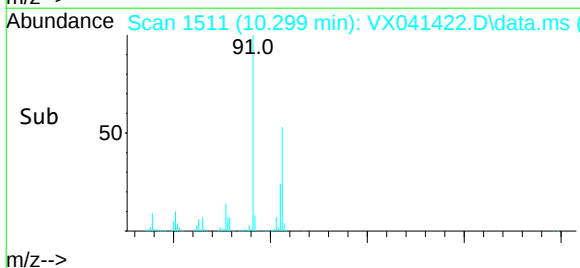
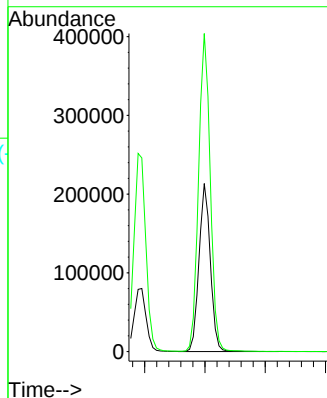
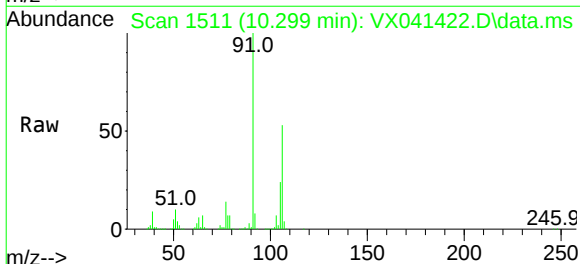
Acq: 08 May 2024 16:42

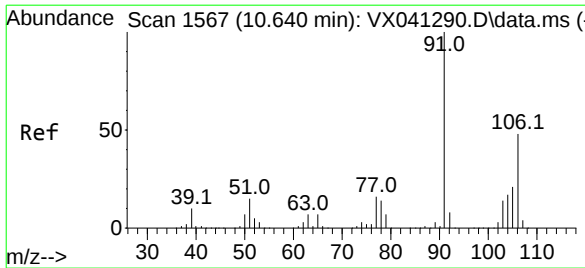
Tgt Ion:106 Resp: 278024

Ion Ratio Lower Upper

106 100

91 194.8 165.5 248.3





#69

o-Xylene

Concen: 53.687 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 139920

Ion Ratio Lower Upper

106 100

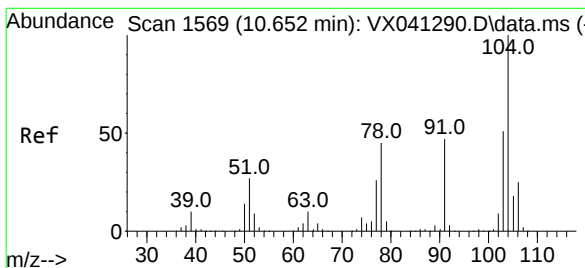
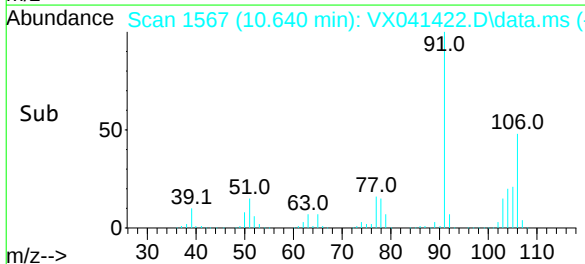
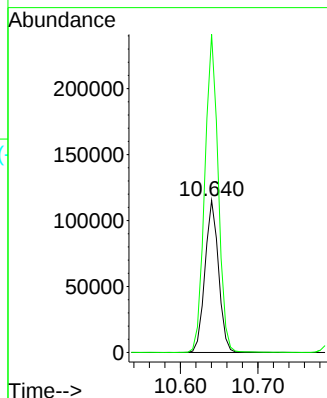
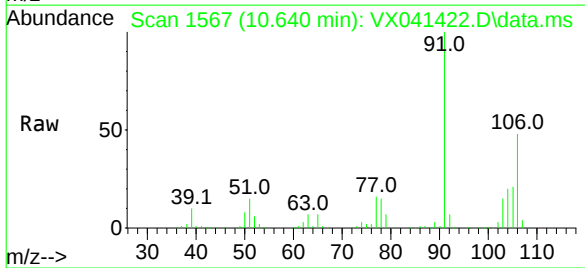
91 208.1 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#70

Styrene

Concen: 56.160 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

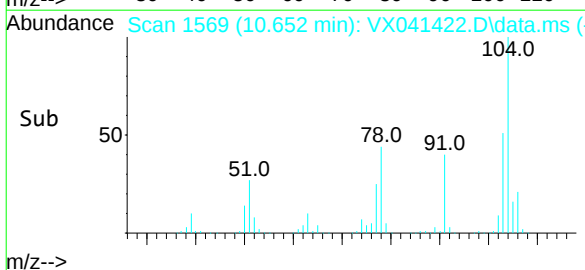
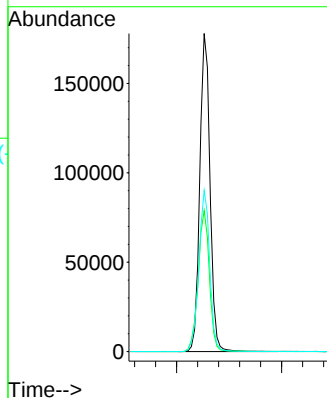
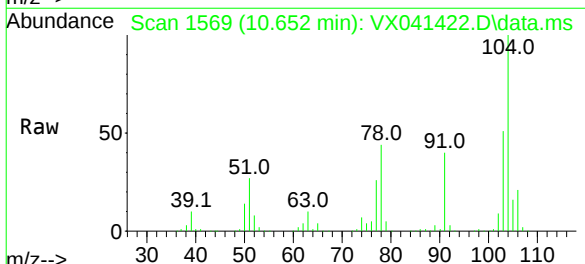
Tgt Ion:104 Resp: 240172

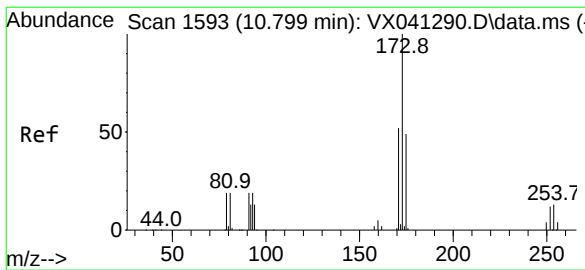
Ion Ratio Lower Upper

104 100

78 48.5 43.6 65.4

103 54.3 43.6 65.4





#71

Bromoform

Concen: 59.765 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

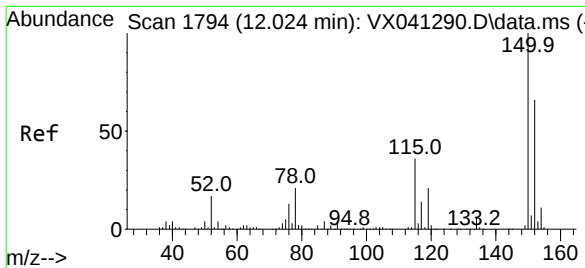
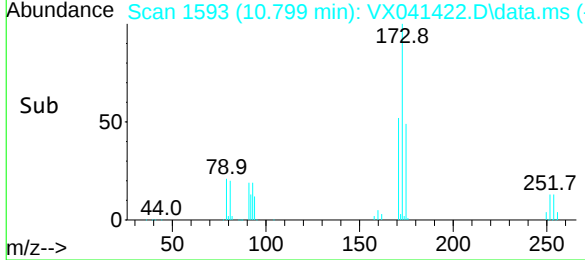
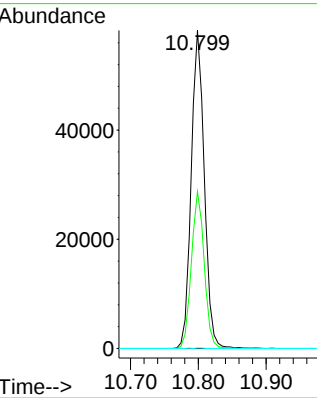
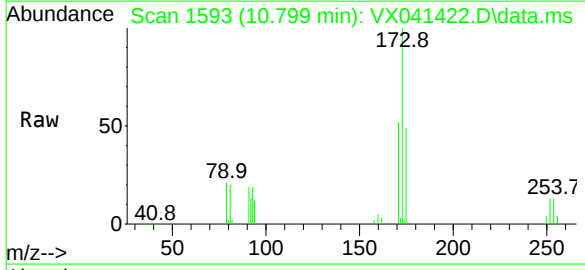
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

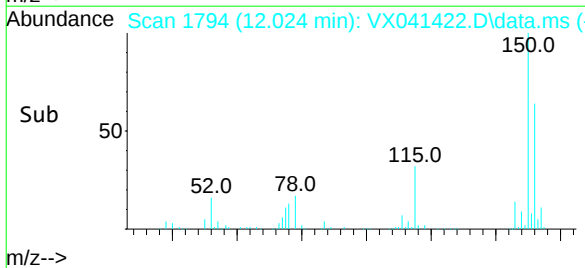
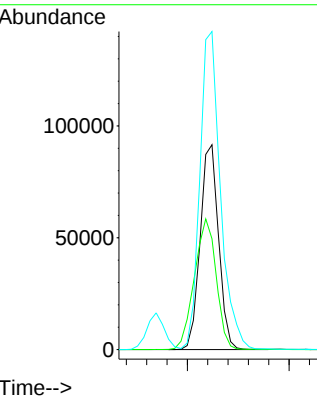
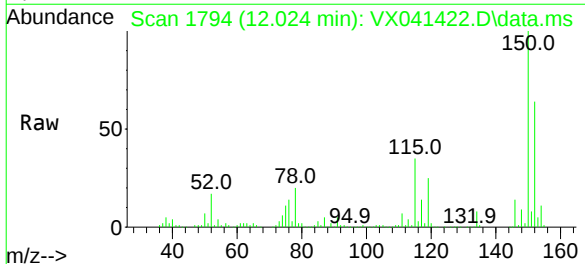
RT: 12.024 min Scan# 1794

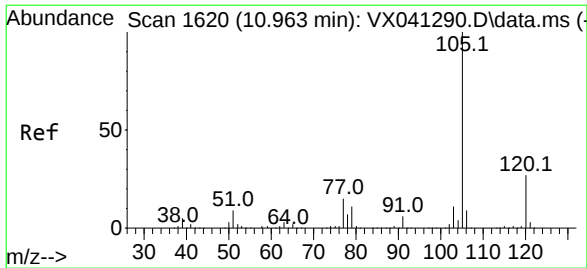
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.8	43.3	129.9
150	174.0	0.0	345.0





#73

Isopropylbenzene

Concen: 50.049 ug/l

RT: 10.963 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 351387

Ion Ratio Lower Upper

105 100

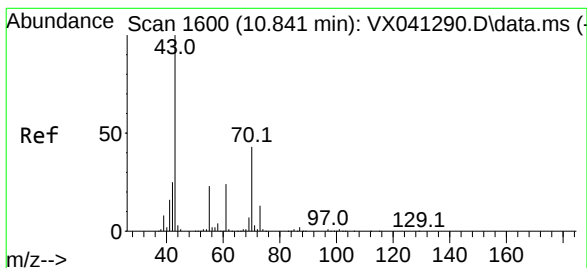
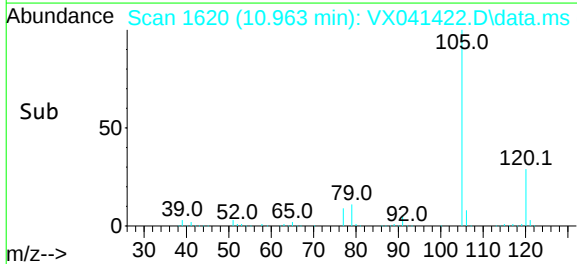
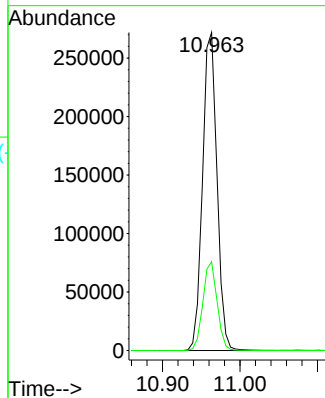
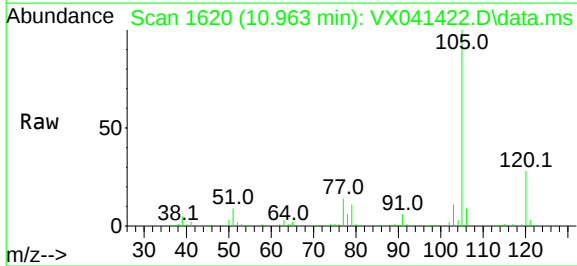
120 27.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#74

N-ethyl acetate

Concen: 59.077 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion: 43 Resp: 181211

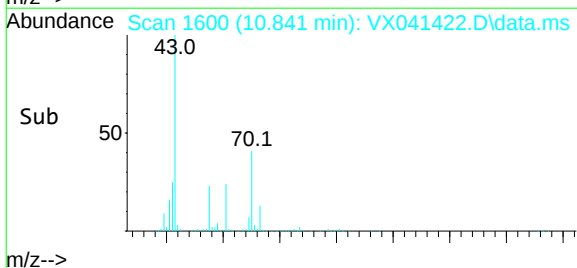
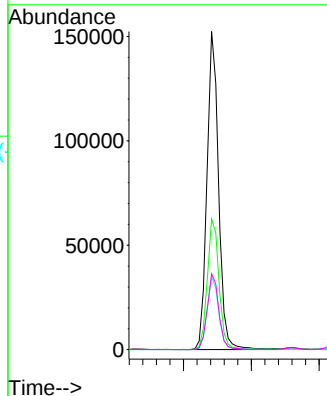
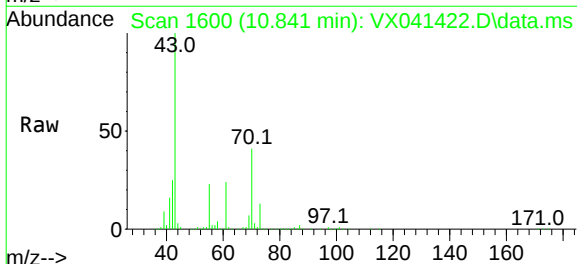
Ion Ratio Lower Upper

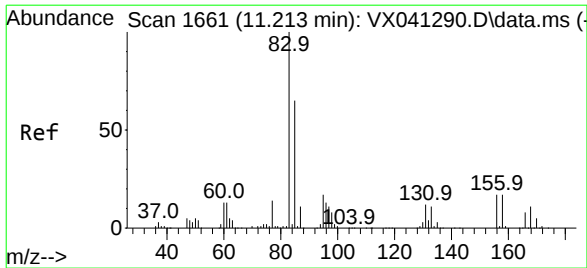
43 100

70 41.6 32.9 49.3

55 23.1 19.3 28.9

61 23.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.439 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

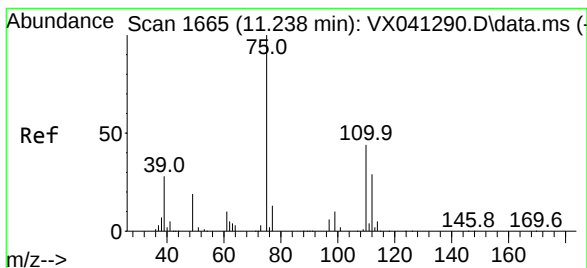
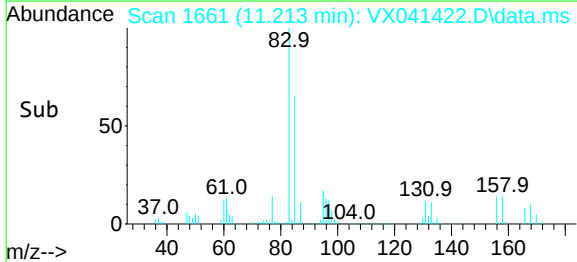
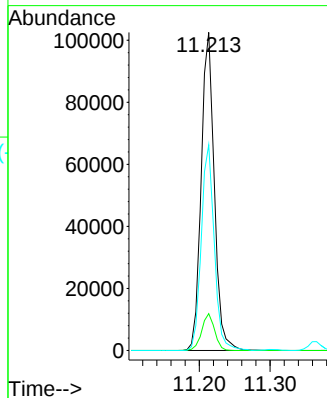
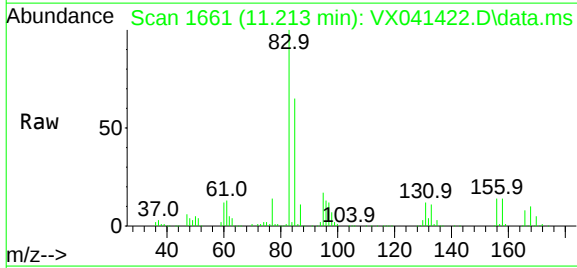
Tgt Ion:	83	Resp:	132144
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.3	15.8
85	64.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#76

1,2,3-Trichloropropane

Concen: 57.196 ug/l m

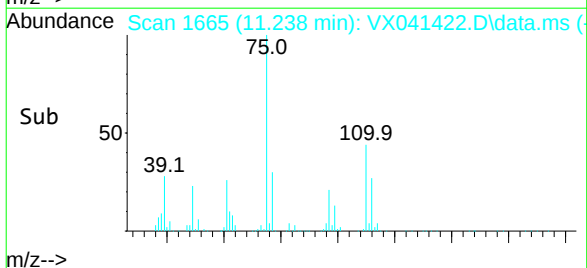
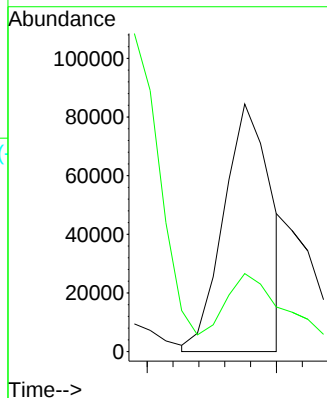
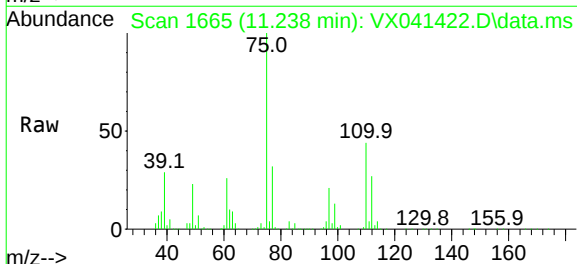
RT: 11.238 min Scan# 1665

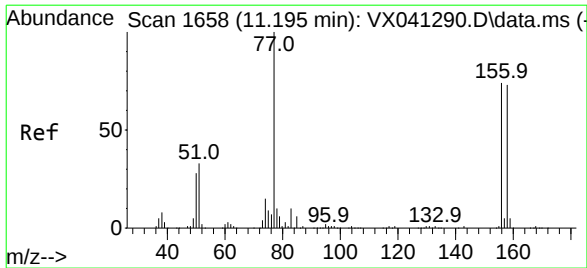
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

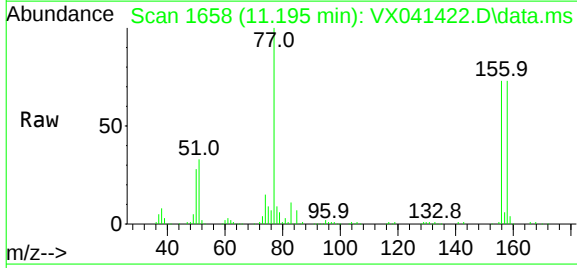
Tgt Ion:	75	Resp:	107210
Ion	Ratio	Lower	Upper
75	100		
77	43.1	19.1	57.5





#77
Bromobenzene
Concen: 53.471 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

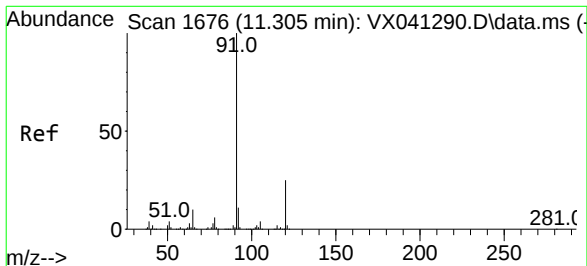
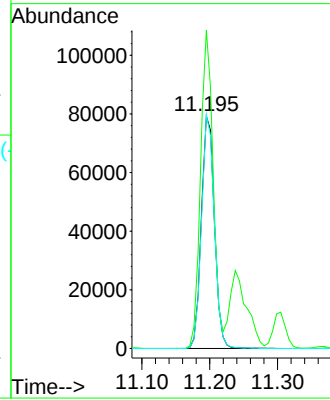
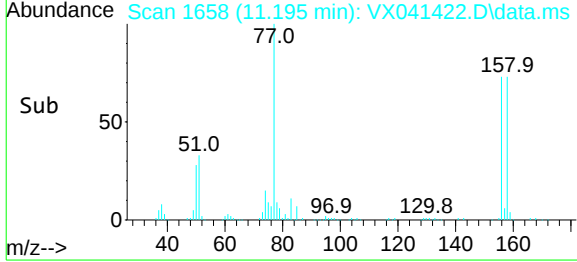
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 105956
Ion Ratio Lower Upper
156 100
77 132.3 88.4 265.3
158 98.2 48.0 144.0

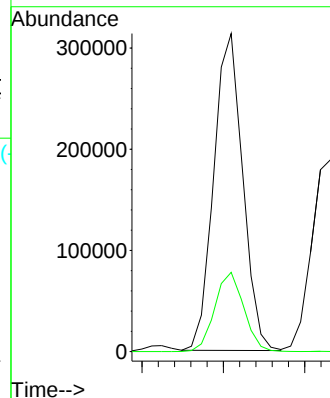
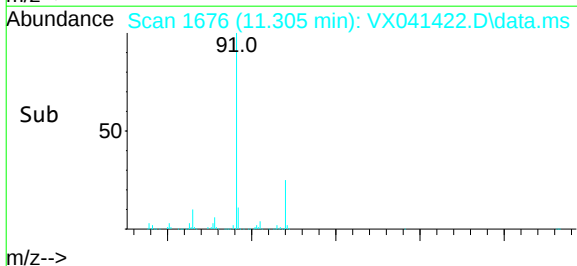
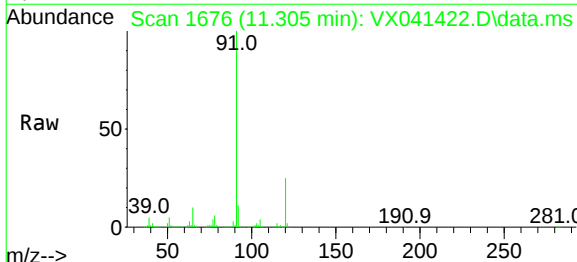
Manual Integrations
APPROVED

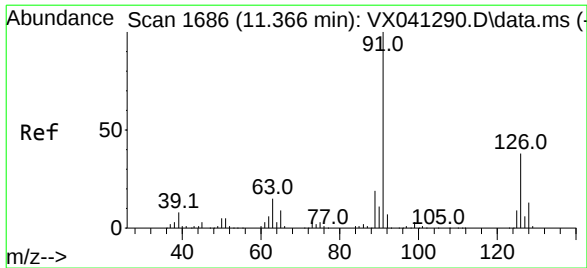
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#78
n-propylbenzene
Concen: 52.647 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

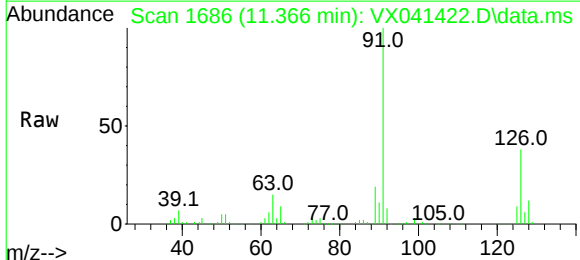
Tgt Ion: 91 Resp: 388222
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.488 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

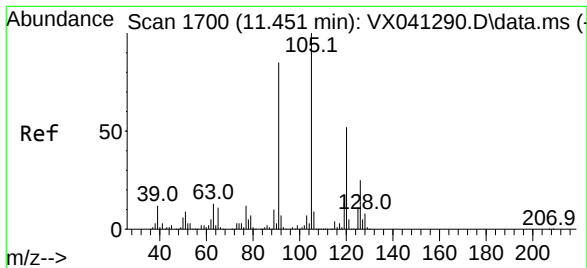
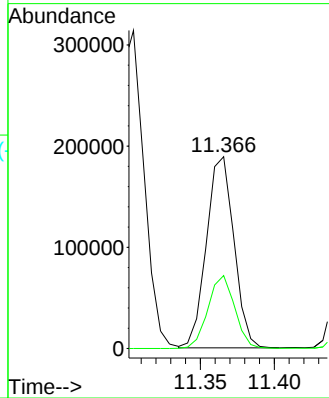
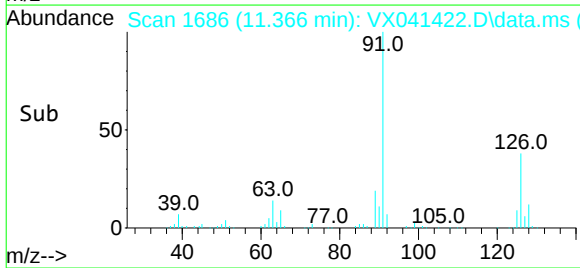
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



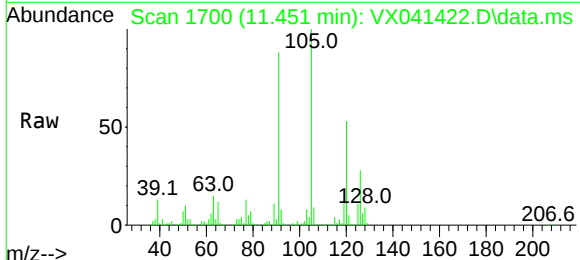
Tgt Ion: 91 Resp: 244667
Ion Ratio Lower Upper
91 100
126 37.0 16.3 48.8

Manual Integrations
APPROVED

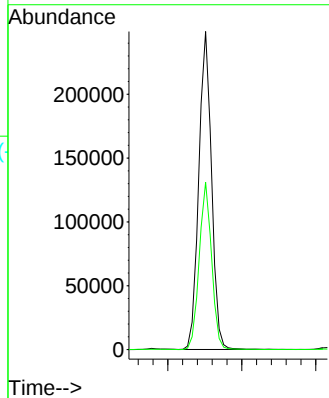
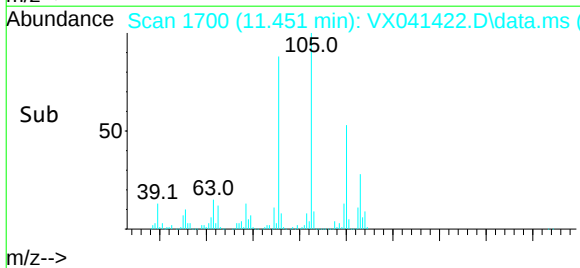
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

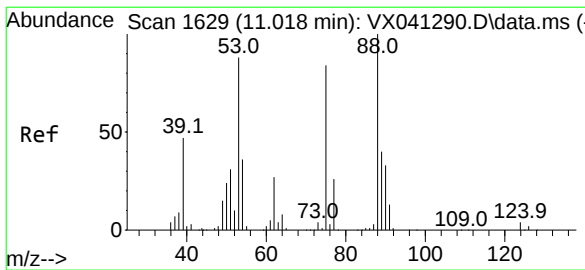


#80
1,3,5-Trimethylbenzene
Concen: 52.104 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42



Tgt Ion:105 Resp: 298213
Ion Ratio Lower Upper
105 100
120 51.4 24.1 72.3





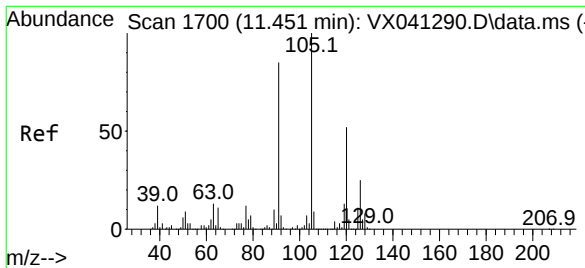
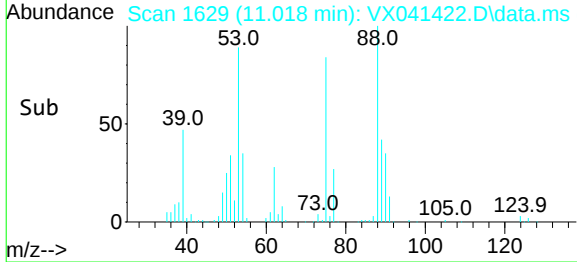
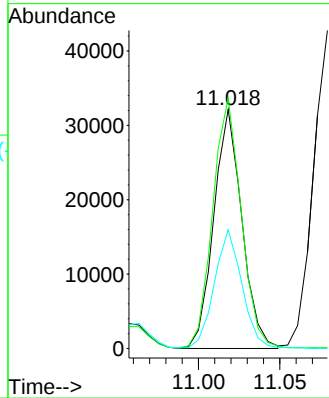
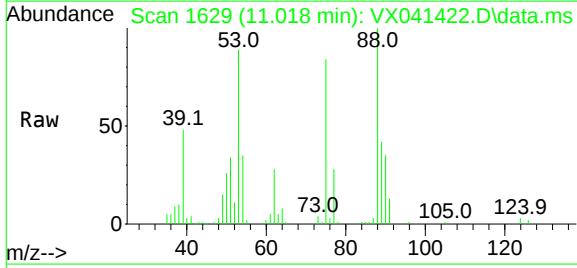
#81
trans-1,4-Dichloro-2-butene
Concen: 56.188 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 38666
Ion Ratio Lower Upper
75 100
53 105.5 90.5 135.7
89 48.8 36.9 55.3

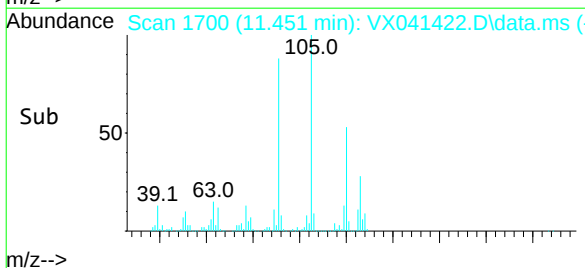
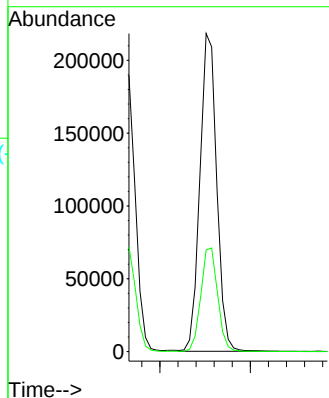
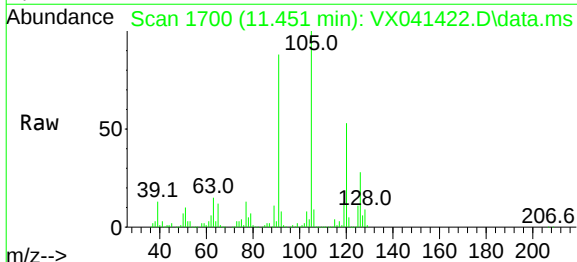
Manual Integrations
APPROVED

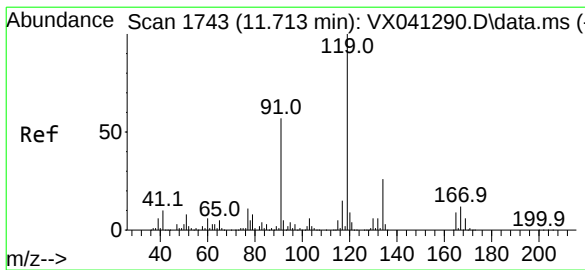
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#82
4-Chlorotoluene
Concen: 52.131 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041422.D
Acq: 08 May 2024 16:42

Tgt Ion: 91 Resp: 281232
Ion Ratio Lower Upper
91 100
126 32.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.516 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

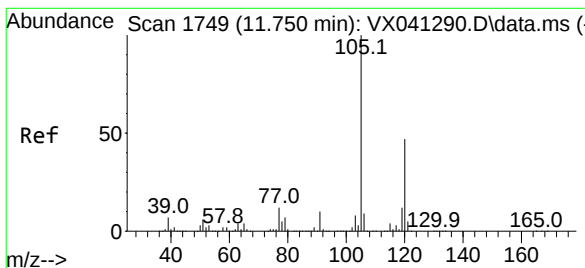
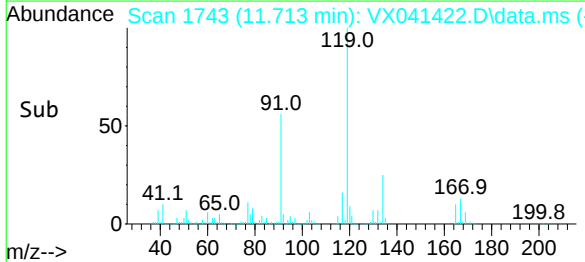
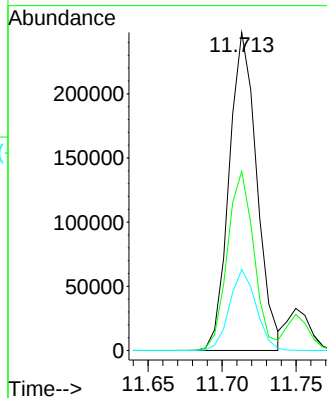
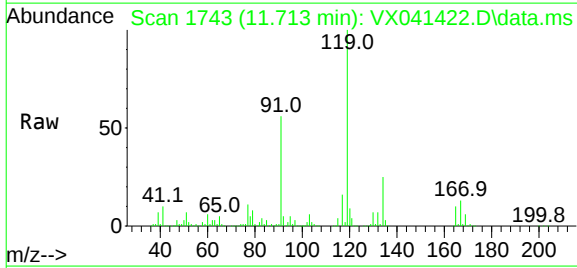
Tgt Ion:	119	Resp:	321869
Ion	Ratio	Lower	Upper
119	100		
91	54.4	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.296 ug/l

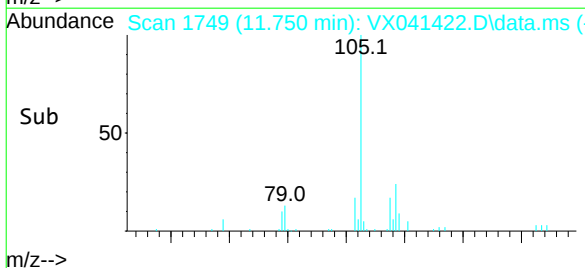
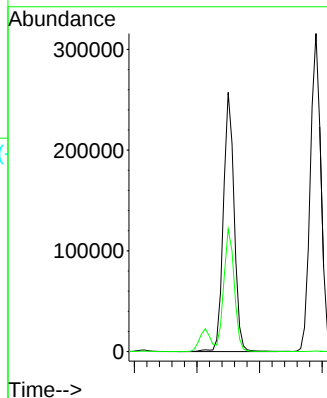
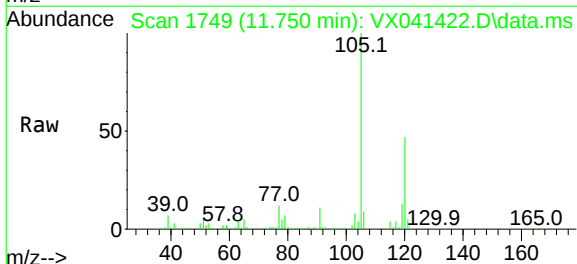
RT: 11.750 min Scan# 1749

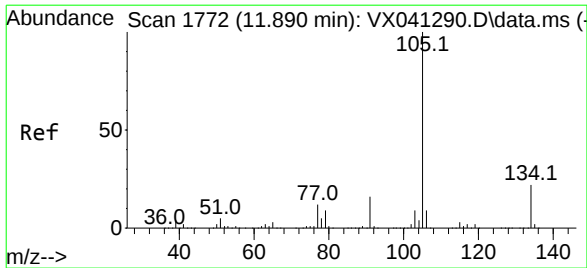
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	105	Resp:	306924
Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.2	63.6





#85

sec-Butylbenzene

Concen: 53.315 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 374477

Ion Ratio Lower Upper

105 100

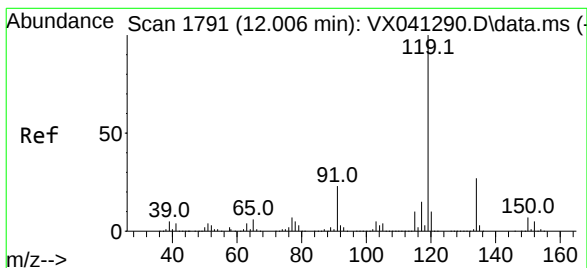
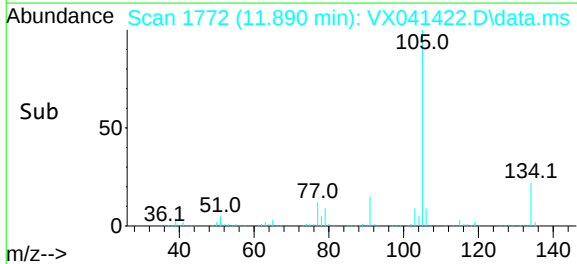
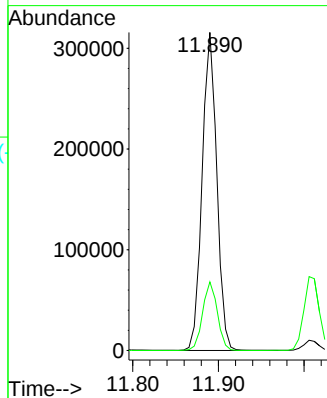
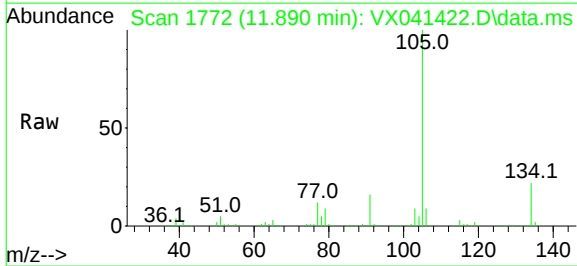
134 21.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#86

p-Isopropyltoluene

Concen: 53.126 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

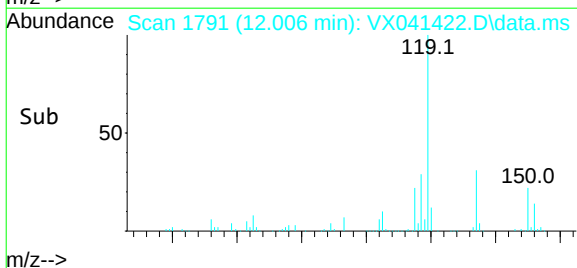
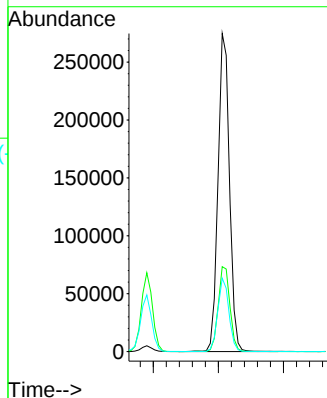
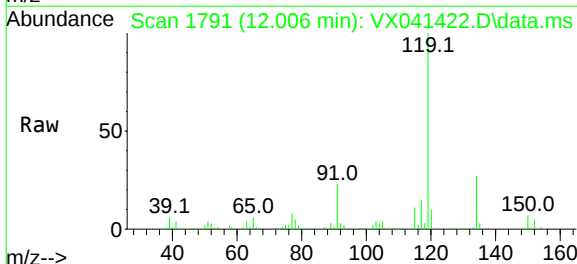
Tgt Ion:119 Resp: 335127

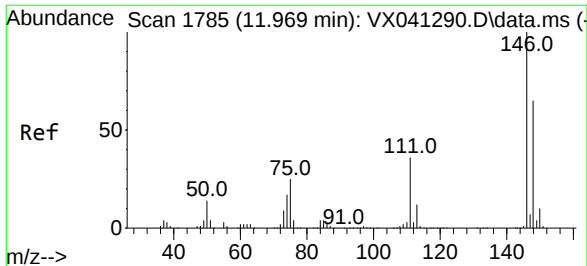
Ion Ratio Lower Upper

119 100

134 27.3 12.8 38.3

91 22.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.471 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

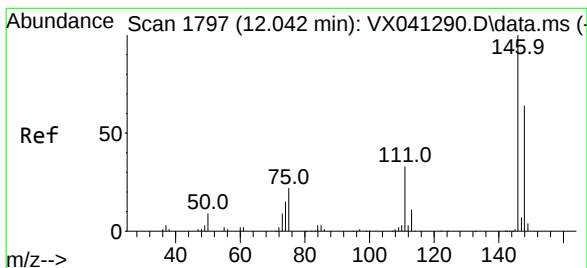
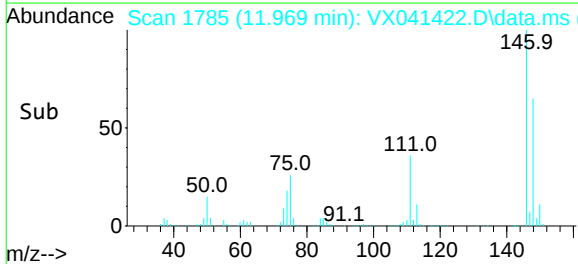
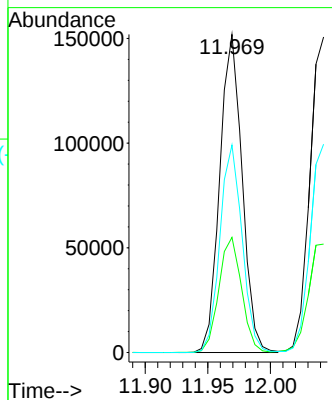
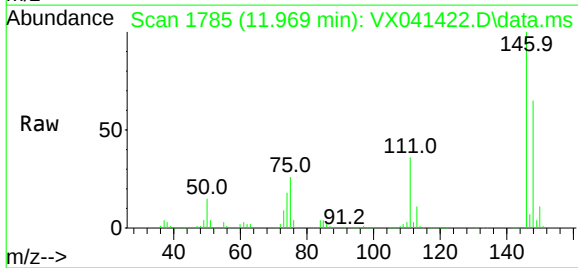
Tgt Ion:	146	Resp:	188988
Ion	Ratio	Lower	Upper
146	100		
111	36.8	22.1	66.1
148	64.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#88

1,4-Dichlorobenzene

Concen: 50.945 ug/l

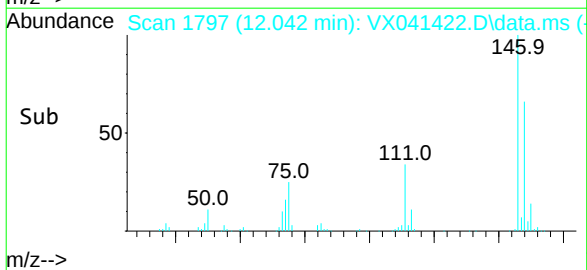
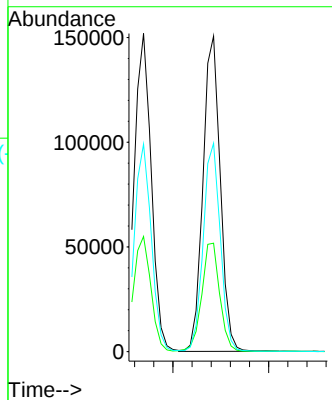
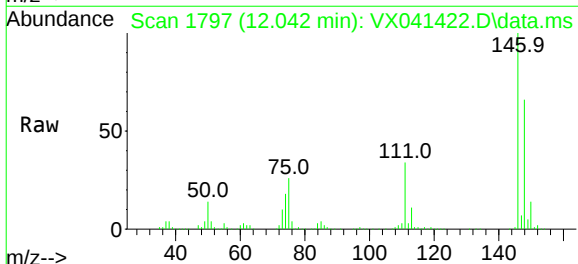
RT: 12.042 min Scan# 1797

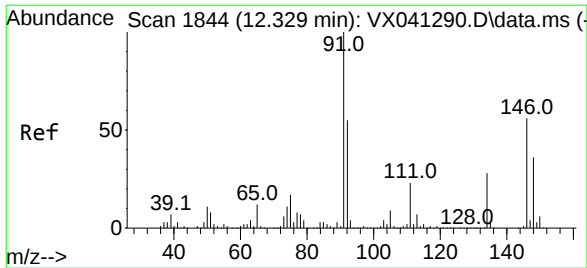
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	146	Resp:	189047
Ion	Ratio	Lower	Upper
146	100		
111	35.7	21.3	63.7
148	65.6	31.8	95.4





#89

n-Butylbenzene

Concen: 52.979 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

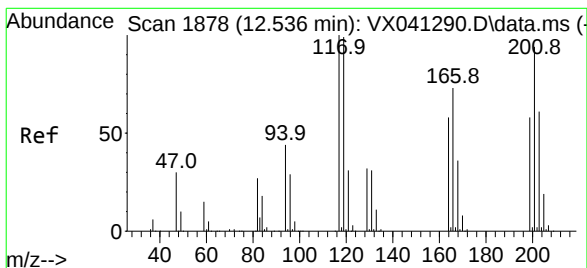
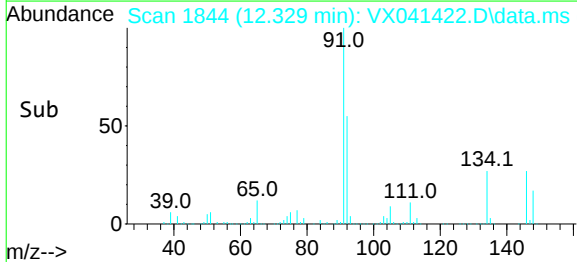
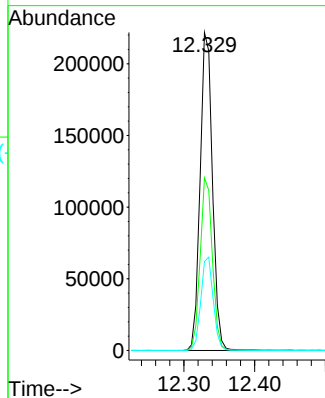
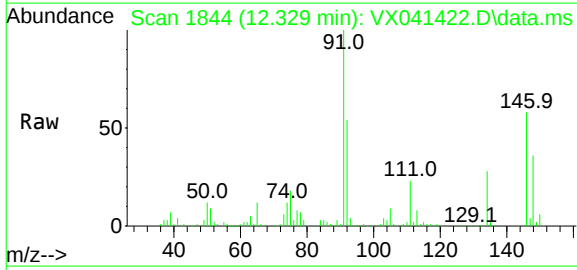
Tgt Ion:	91	Resp:	268730
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.0
134	29.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#90

Hexachloroethane

Concen: 53.266 ug/l

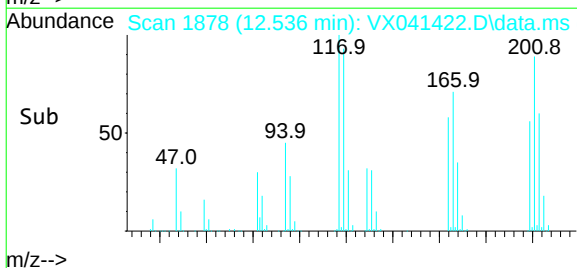
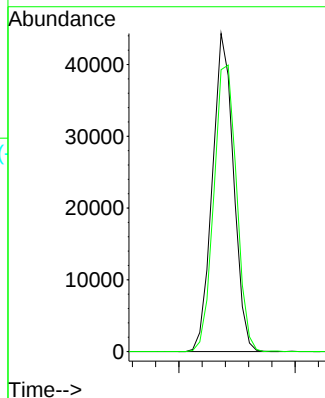
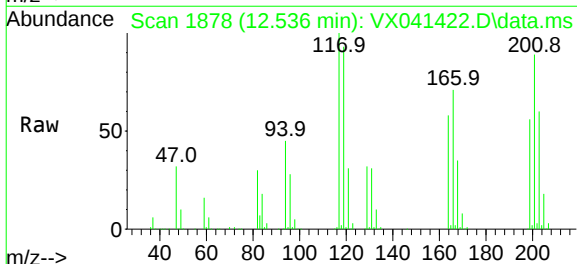
RT: 12.536 min Scan# 1878

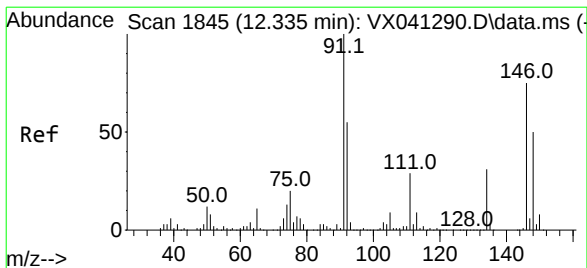
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	117	Resp:	56192
Ion	Ratio	Lower	Upper
117	100		
201	96.5	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 52.289 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041422.D

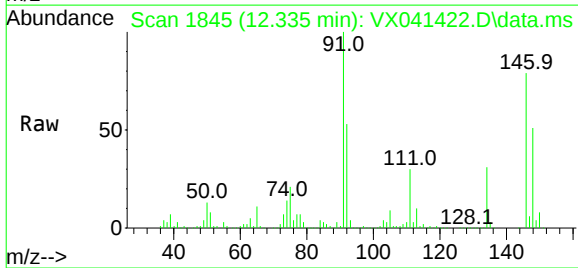
Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 198926

Ion Ratio Lower Upper

146 100

111 38.1 22.4 67.0

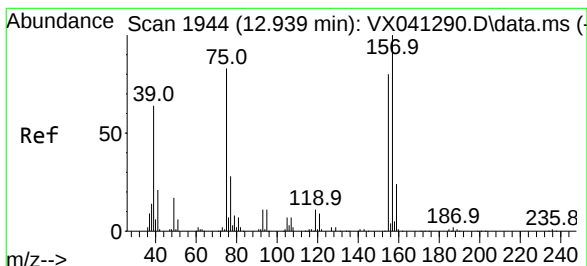
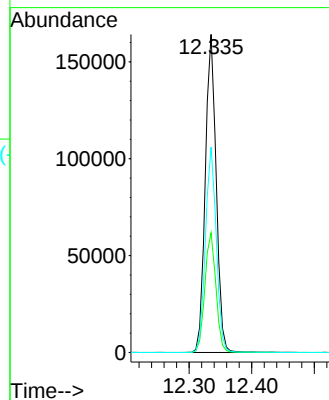
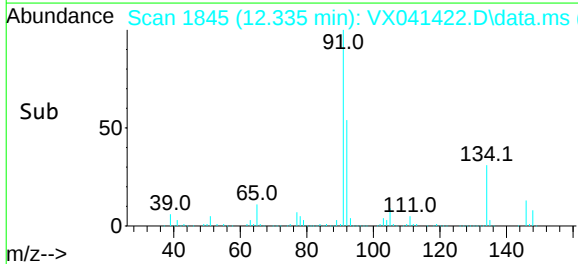
148 64.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.095 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

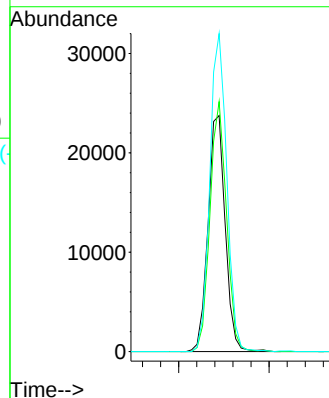
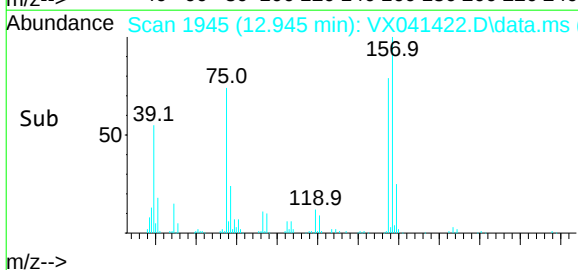
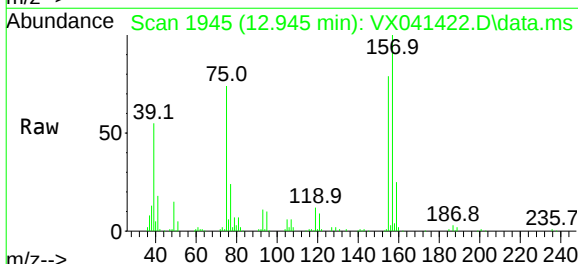
Tgt Ion: 75 Resp: 31416

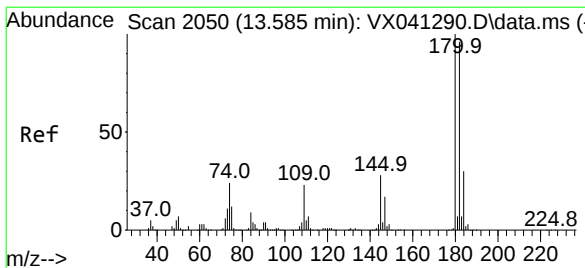
Ion Ratio Lower Upper

75 100

155 101.9 36.1 108.5

157 132.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.888 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

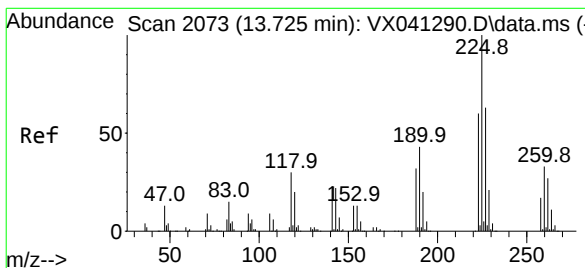
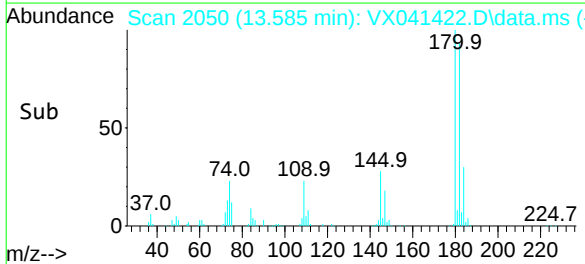
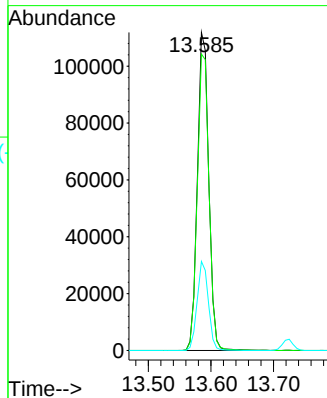
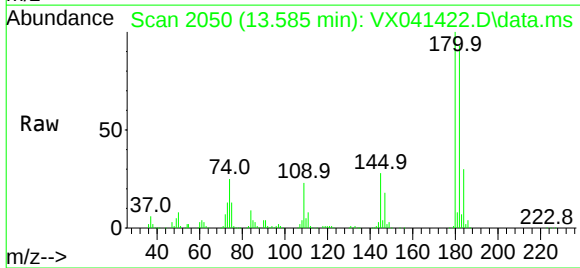
Tgt Ion:	180	Resp:	140641
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.3	144.8
145	27.8	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#94

Hexachlorobutadiene

Concen: 49.149 ug/l

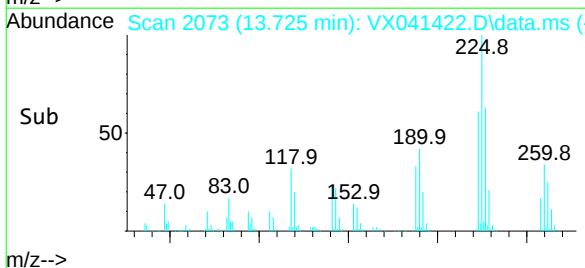
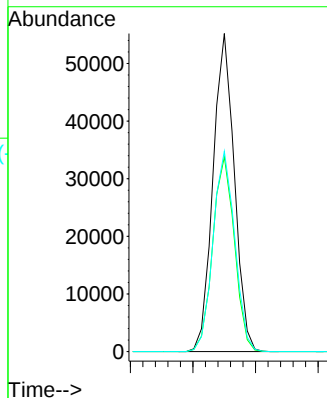
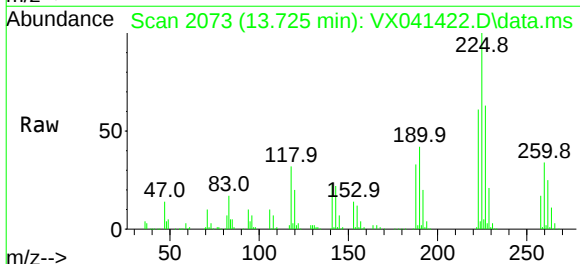
RT: 13.725 min Scan# 2073

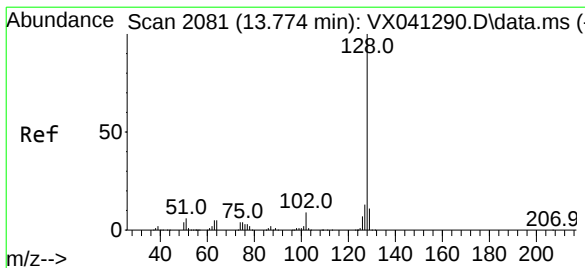
Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	225	Resp:	65268
Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	64.4	32.5	97.5





#95

Naphthalene

Concen: 57.440 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

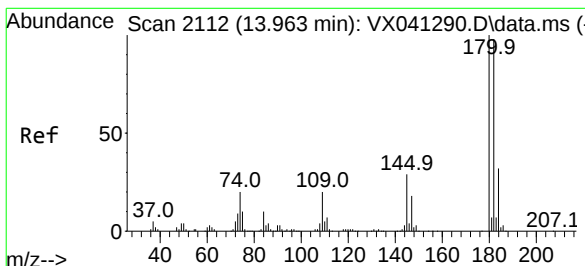
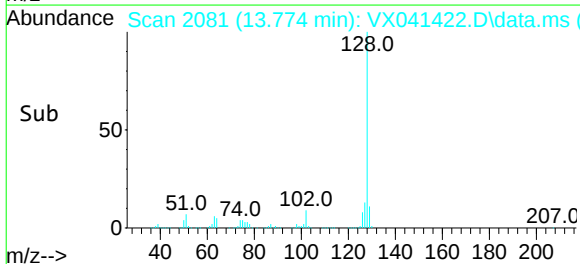
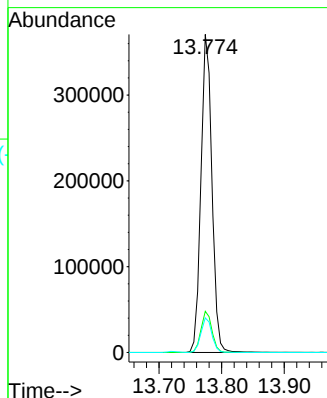
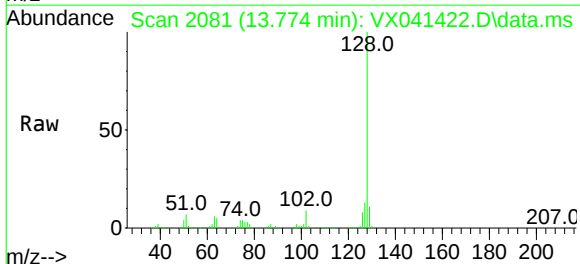
Tgt Ion:	128	Resp:	452652
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.021 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041422.D

Acq: 08 May 2024 16:42

Tgt Ion:	180	Resp:	149535
Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.6
145	29.1	17.8	53.5

