

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041480.D
 Acq On : 13 May 2024 10:24
 Operator : JC/MD
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Quant Time: May 14 01:21:33 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 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	203790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	285682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122634	55.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.560%	
35) Dibromofluoromethane	5.385	113	99825	51.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.120%	
50) Toluene-d8	8.647	98	335008	54.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	11.079	95	122512	51.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32432	19.368	ug/l	96
3) Chloromethane	1.295	50	28730	16.580	ug/l	99
4) Vinyl Chloride	1.374	62	28365	17.172	ug/l	98
5) Bromomethane	1.599	94	19344	18.680	ug/l	100
6) Chloroethane	1.666	64	15932	20.773	ug/l	99
7) Trichlorofluoromethane	1.868	101	53518	18.789	ug/l	99
8) Diethyl Ether	2.136	74	18038	17.967	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	32474	20.285	ug/l	88
10) Methyl Iodide	2.447	142	31364	18.203	ug/l	91
11) Tert butyl alcohol	3.008	59	40034	90.157	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	29281	18.542	ug/l	88
13) Acrolein	2.239	56	39139	111.105	ug/l	97
14) Allyl chloride	2.660	41	51229	19.309	ug/l	98
15) Acrylonitrile	3.069	53	93219	91.982	ug/l	97
16) Acetone	2.392	43	103300	103.443	ug/l	95
17) Carbon Disulfide	2.502	76	55819	15.036	ug/l	99
18) Methyl Acetate	2.709	43	46023	20.276	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	106443	18.490	ug/l	99
20) Methylene Chloride	2.788	84	34832	18.085	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	30522	17.294	ug/l	92
22) Diisopropyl ether	3.764	45	108224	19.247	ug/l	98
23) Vinyl Acetate	3.721	43	476021	94.638	ug/l	99
24) 1,1-Dichloroethane	3.605	63	59151	18.620	ug/l	98
25) 2-Butanone	4.562	43	140902	98.128	ug/l	99
26) 2,2-Dichloropropane	4.471	77	48900	18.411	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	38681	18.511	ug/l	91
28) Bromochloromethane	4.898	49	21861	19.282	ug/l	# 79
29) Tetrahydrofuran	5.007	42	84969	90.482	ug/l	95
30) Chloroform	5.087	83	63891	19.332	ug/l	97
31) Cyclohexane	5.464	56	46971	17.542	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	54522	18.133	ug/l	99
36) 1,1-Dichloropropene	5.690	75	40213	17.371	ug/l	97
37) Ethyl Acetate	4.721	43	51278	17.753	ug/l	99
38) Carbon Tetrachloride	5.672	117	47094	17.758	ug/l	98
39) Methylcyclohexane	7.379	83	49124	18.063	ug/l	91
40) Benzene	6.038	78	128221	17.967	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27147	18.261	ug/l	94
42) 1,2-Dichloroethane	6.086	62	50655	19.368	ug/l	97
43) Isopropyl Acetate	6.342	43	80217	18.471	ug/l	98
44) Trichloroethene	7.123	130	35323	18.744	ug/l	88
45) 1,2-Dichloropropane	7.428	63	31412	19.701	ug/l	99
46) Dibromomethane	7.580	93	23965	18.880	ug/l #	79
47) Bromodichloromethane	7.818	83	44597	19.716	ug/l	94
48) Methyl methacrylate	7.696	41	39288	19.734	ug/l	95
49) 1,4-Dioxane	7.671	88	16460	382.407	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	276164	105.972	ug/l	100
52) Toluene	8.714	92	83064	19.027	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	41879	17.591	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48085	19.337	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35326	21.012	ug/l	96
56) Ethyl methacrylate	9.116	69	52225	20.072	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57534	20.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	111582	88.445	ug/l	93
59) 2-Hexanone	9.433	43	215436	103.384	ug/l	99
60) Dibromochloromethane	9.519	129	37715	19.056	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35832	19.373	ug/l	99
64) Tetrachloroethene	9.275	164	33544	18.339	ug/l	90
65) Chlorobenzene	10.079	112	97890	19.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	34576	19.083	ug/l	98
67) Ethyl Benzene	10.195	91	158377	18.720	ug/l	98
68) m/p-Xylenes	10.299	106	124538	36.759	ug/l	94
69) o-Xylene	10.640	106	59366	18.301	ug/l	95
70) Styrene	10.653	104	98550	18.514	ug/l	97
71) Bromoform	10.799	173	29321	18.083	ug/l #	99
73) Isopropylbenzene	10.963	105	163608	20.419	ug/l	98
74) N-amyl acetate	10.842	43	68887	19.679	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	56682	21.589	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45639m	21.335	ug/l	
77) Bromobenzene	11.195	156	45832	20.267	ug/l	79
78) n-propylbenzene	11.305	91	174334	20.716	ug/l	97
79) 2-Chlorotoluene	11.360	91	110960	20.461	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	134863	20.647	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14541	18.516	ug/l	95
82) 4-Chlorotoluene	11.451	91	124847	20.279	ug/l	93
83) tert-Butylbenzene	11.713	119	144707	20.689	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	136288	20.737	ug/l	95
85) sec-Butylbenzene	11.890	105	169221	21.111	ug/l	96
86) p-Isopropyltoluene	12.006	119	143181	19.889	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	80400	19.560	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	82836	19.560	ug/l	97
89) n-Butylbenzene	12.329	91	113560	19.617	ug/l	97
90) Hexachloroethane	12.536	117	23064	19.157	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	86524	19.929	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11903	19.620	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	55839	18.400	ug/l	96
94) Hexachlorobutadiene	13.725	225	28174	18.591	ug/l	98
95) Naphthalene	13.774	128	169554	18.853	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	58062	18.720	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

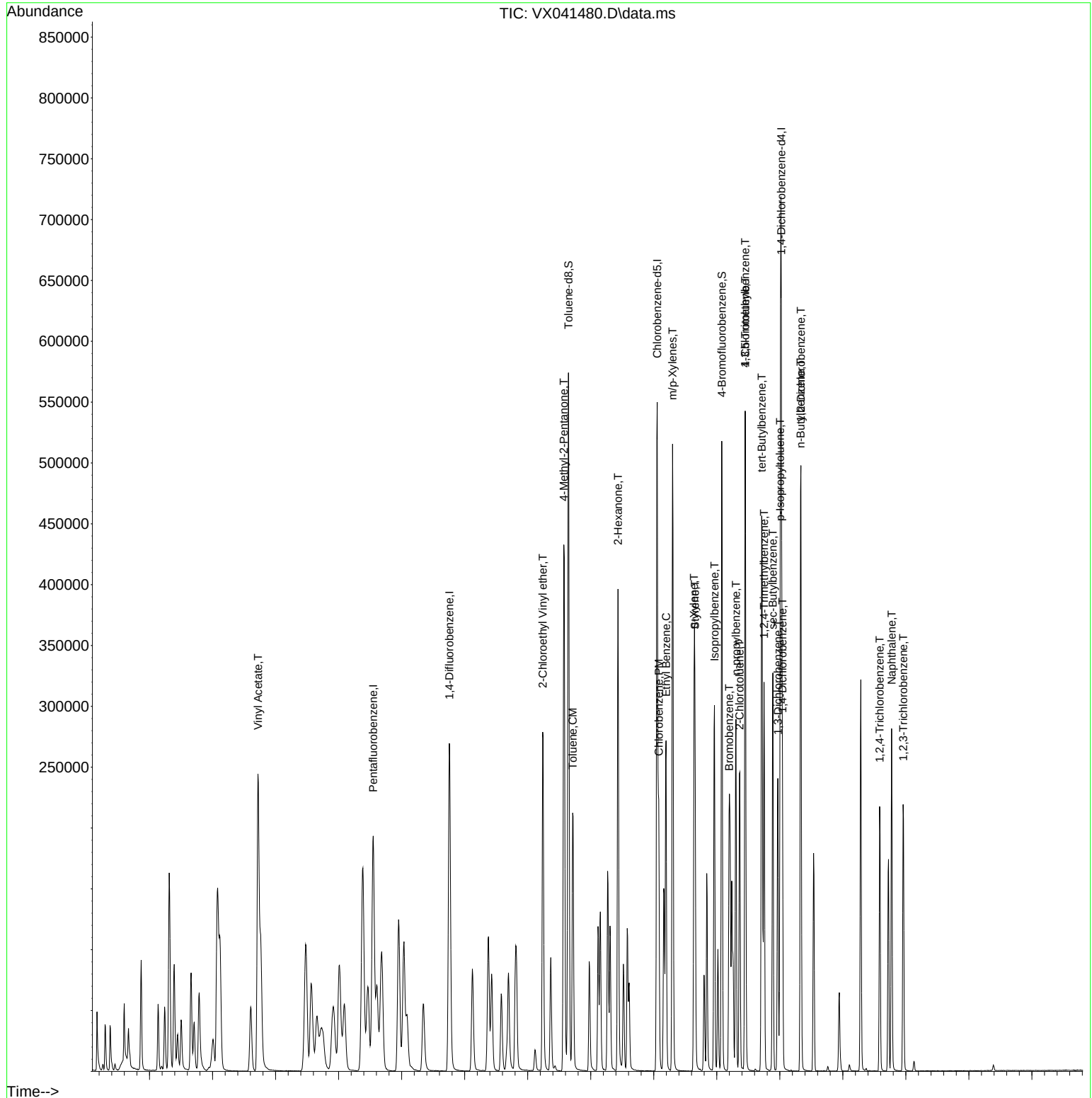
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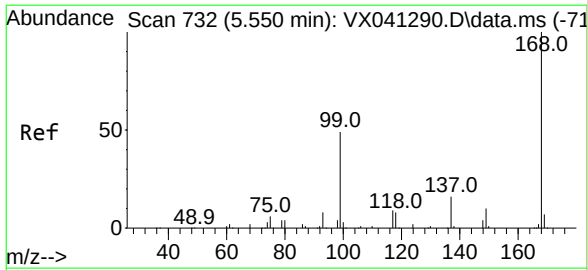
Instrument :
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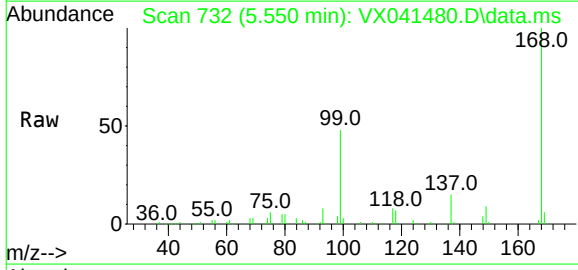
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041480.D
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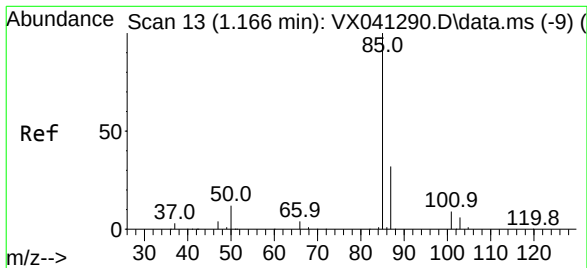
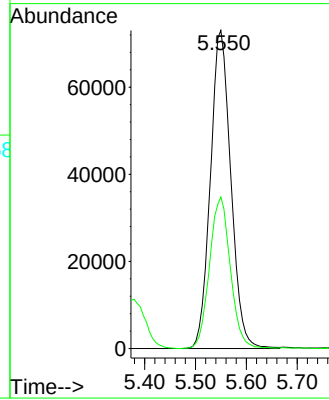
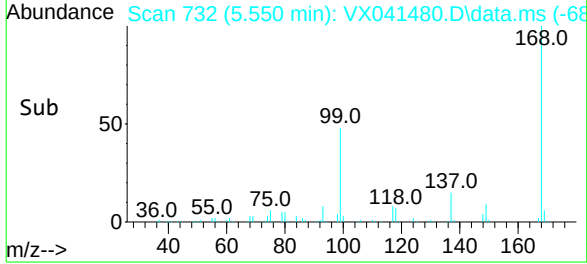
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion:168 Resp: 203790
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#

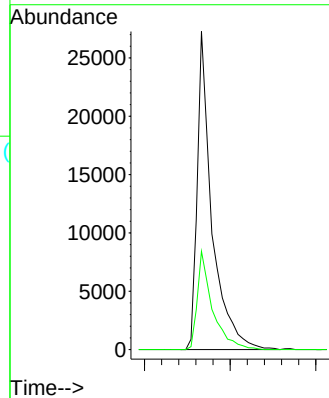
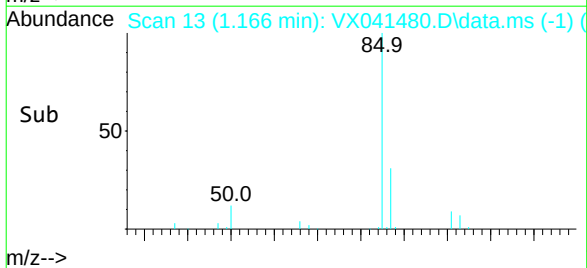
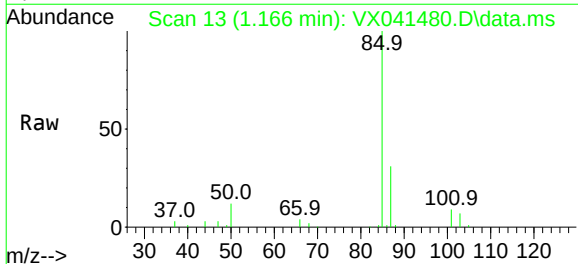
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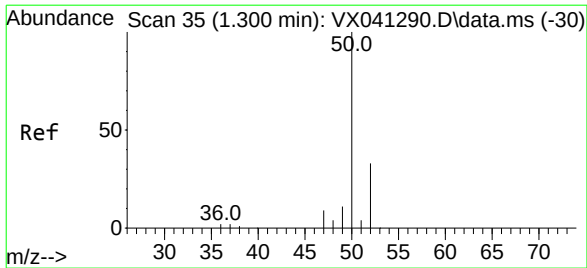
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#2
Dichlorodifluoromethane
Concen: 19.368 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

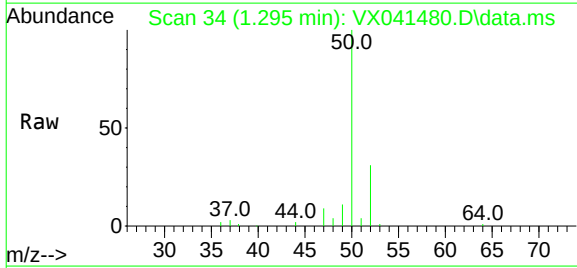
Tgt Ion: 85 Resp: 32432
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





#3
Chloromethane
Concen: 16.580 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

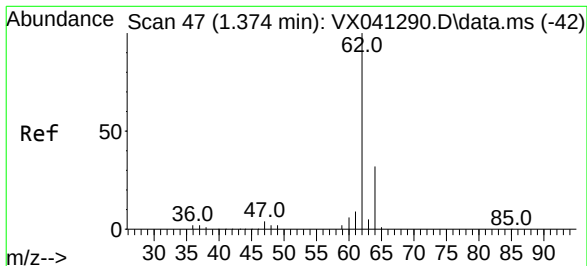
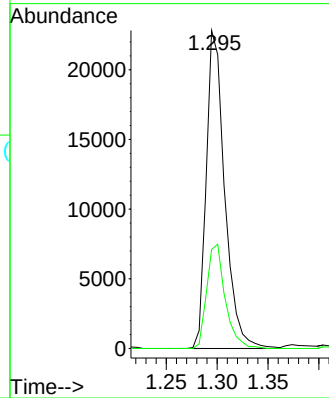
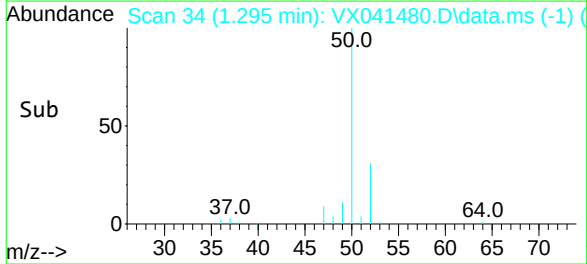
Instrument :
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Tgt Ion: 50 Resp: 28730
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3

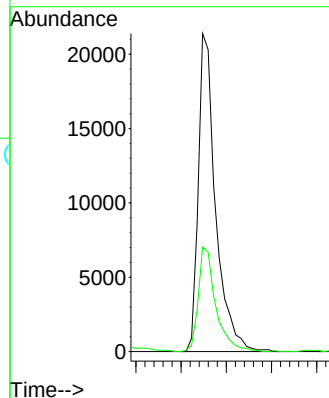
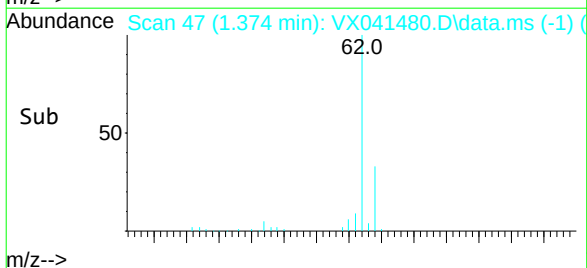
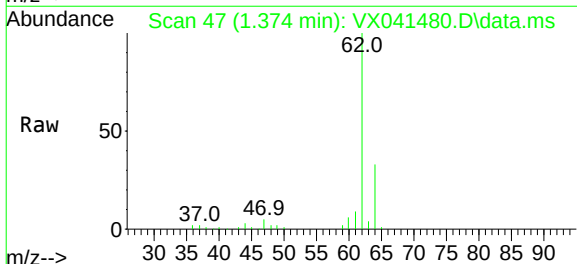
Manual Integrations
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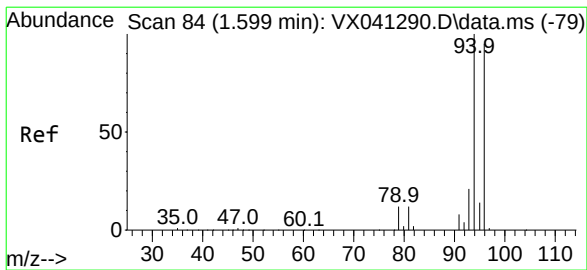
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#4
Vinyl Chloride
Concen: 17.172 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

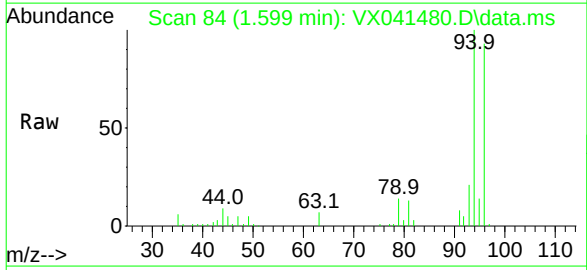
Tgt Ion: 62 Resp: 28365
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 18.680 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

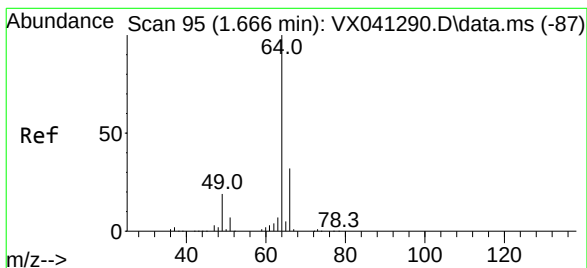
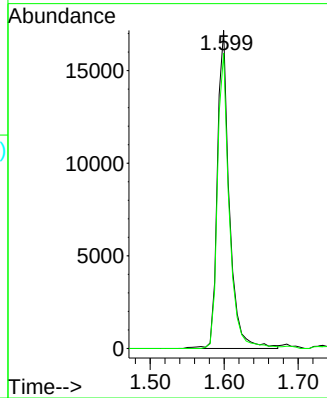
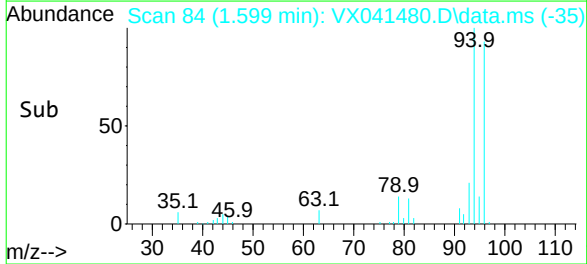
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Tgt Ion: 94 Resp: 19344
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

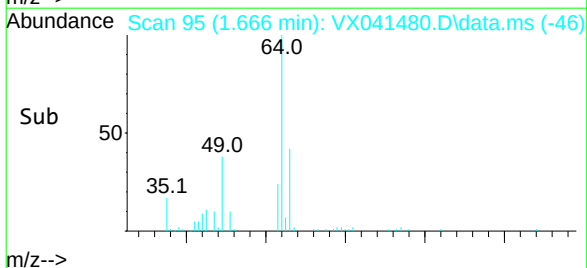
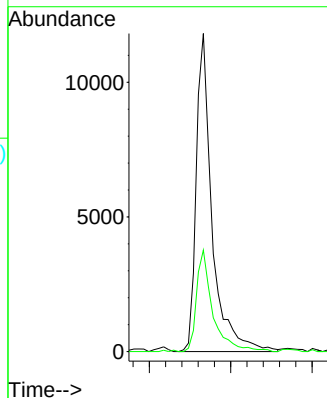
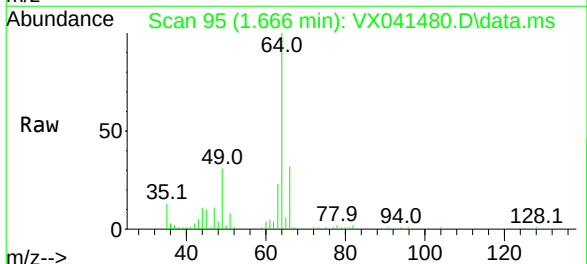
Manual Integrations
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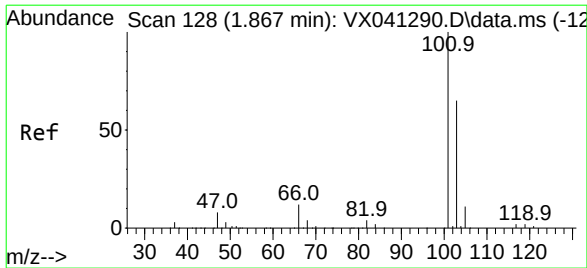
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#6
Chloroethane
Concen: 20.773 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 64 Resp: 15932
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7





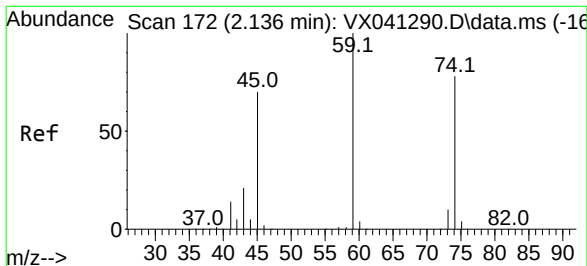
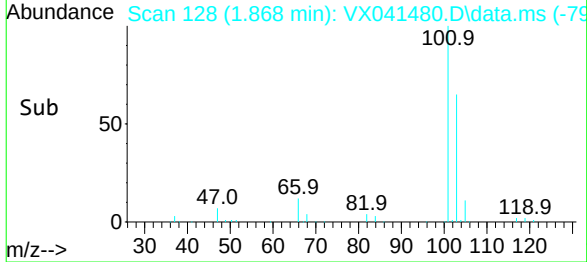
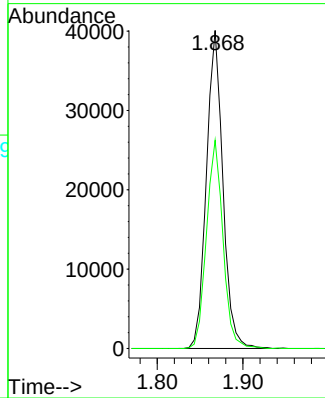
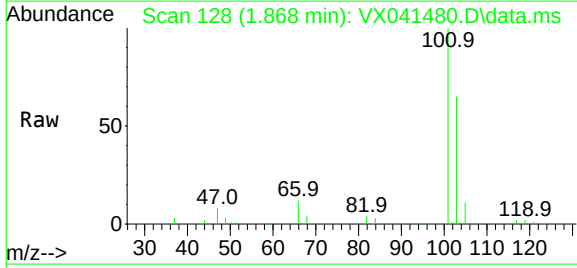
#7
 Trichlorofluoromethane
 Concen: 18.789 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041480.D
 Acq: 13 May 2024 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Tgt Ion:101 Resp: 53518
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2

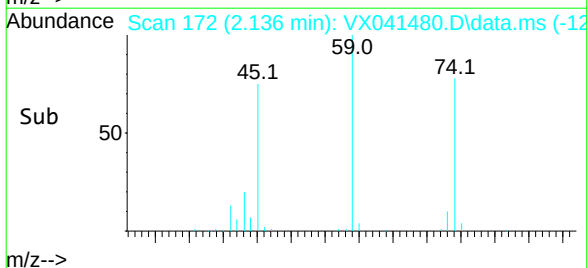
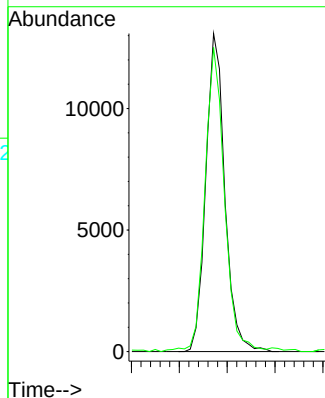
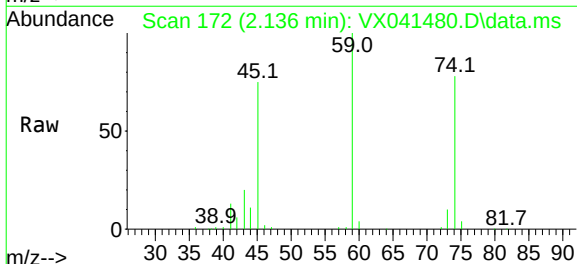
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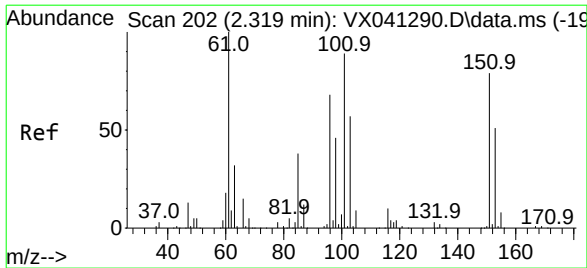
Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024



#8
 Diethyl Ether
 Concen: 17.967 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041480.D
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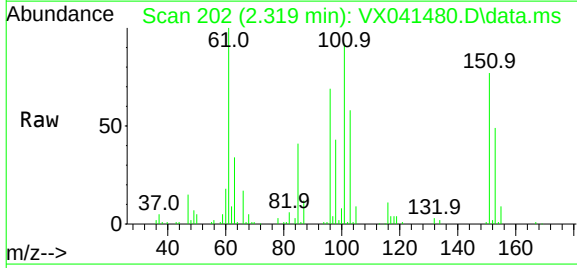
Tgt Ion: 74 Resp: 18038
 Ion Ratio Lower Upper
 74 100
 45 98.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.285 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

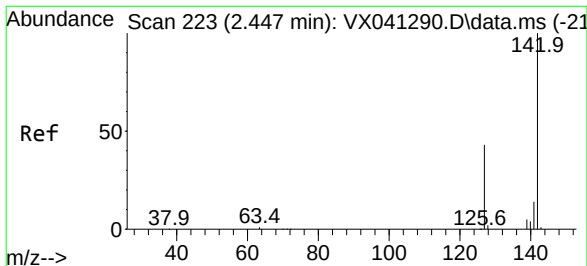
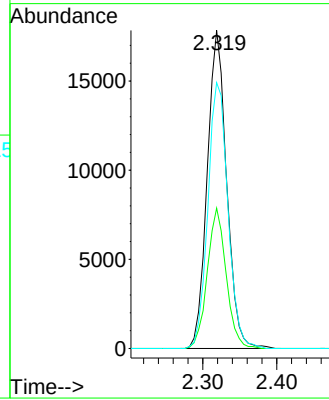
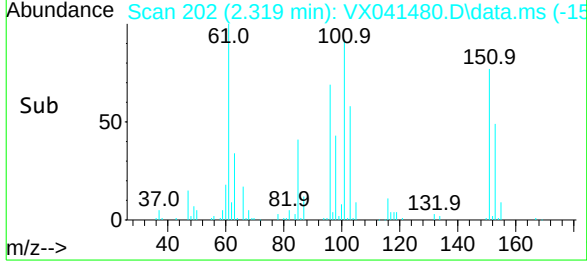
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion:101 Resp: 32474
Ion Ratio Lower Upper
101 100
85 43.0 37.0 55.6
151 86.4 58.6 87.8

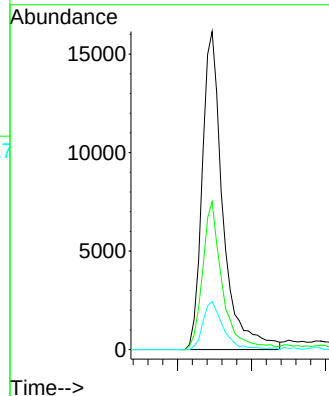
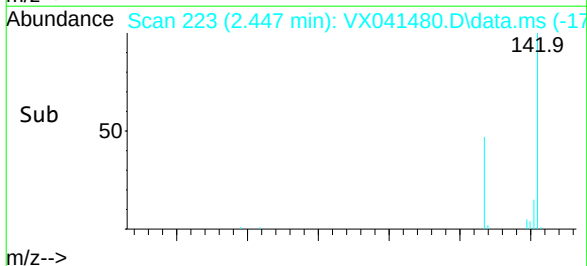
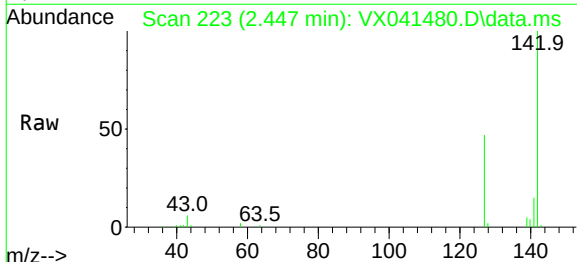
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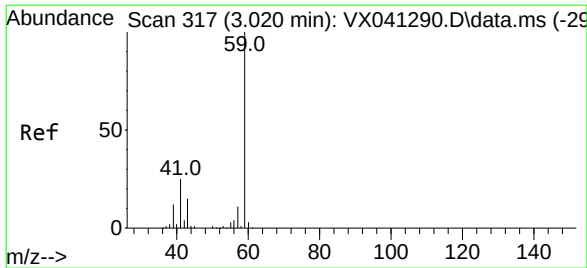
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#10
Methyl Iodide
Concen: 18.203 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion:142 Resp: 31364
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 90.157 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion: 59 Resp: 40034

Ion Ratio Lower Upper

59 100

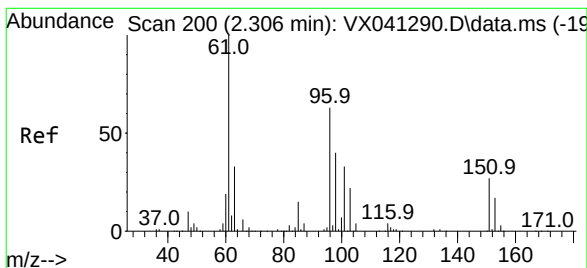
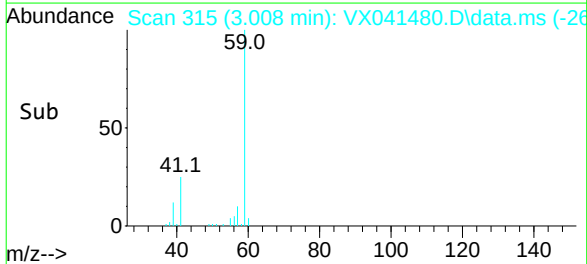
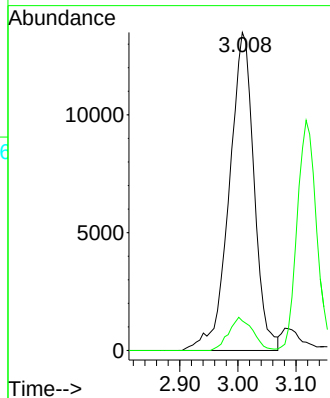
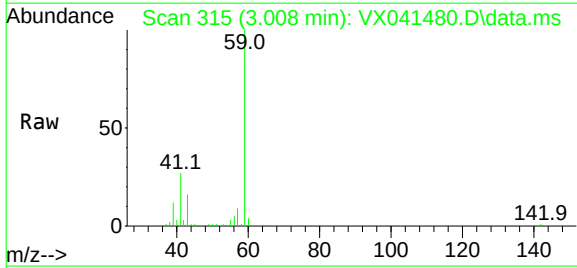
57 10.1 6.0 9.0#

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#12

1,1-Dichloroethene

Concen: 18.542 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

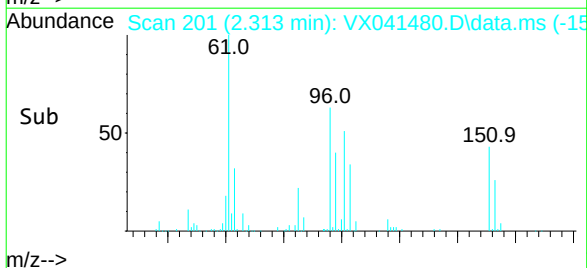
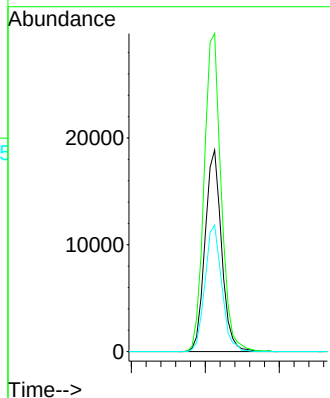
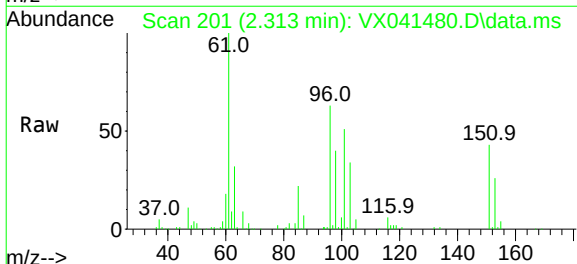
Tgt Ion: 96 Resp: 29281

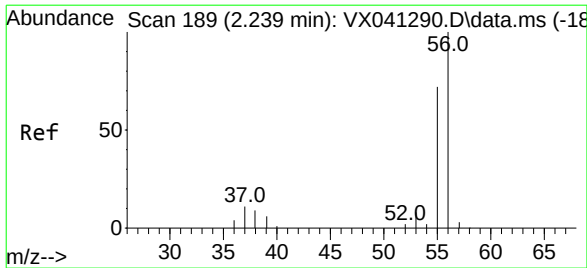
Ion Ratio Lower Upper

96 100

61 157.8 144.6 216.8

98 62.8 50.4 75.6





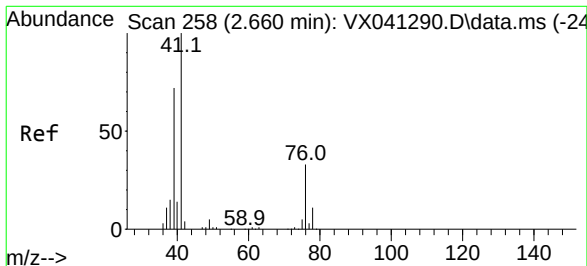
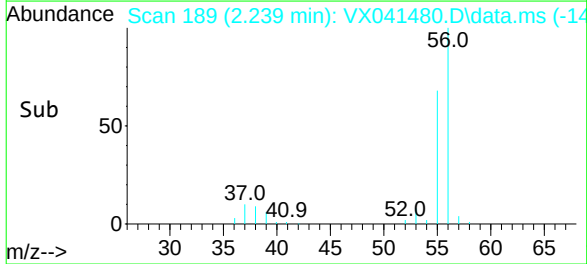
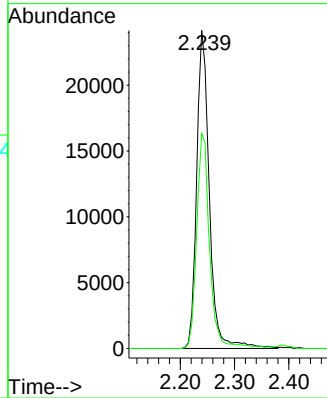
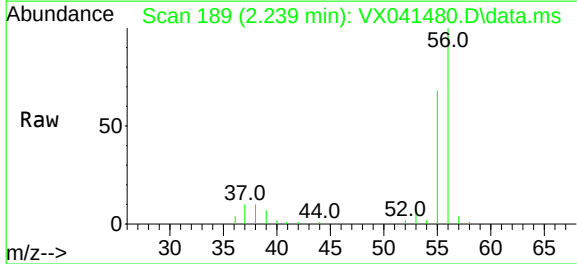
#13
Acrolein
Concen: 111.105 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.3	57.1	85.7

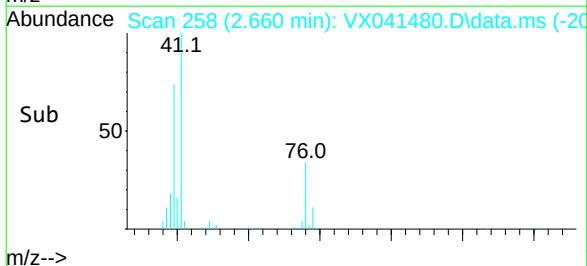
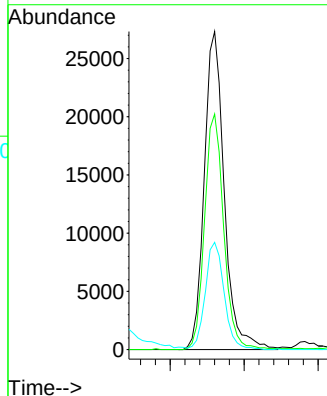
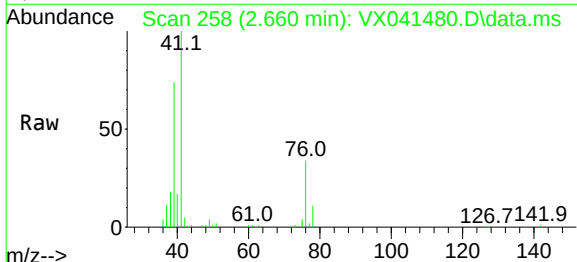
Manual Integrations
APPROVED

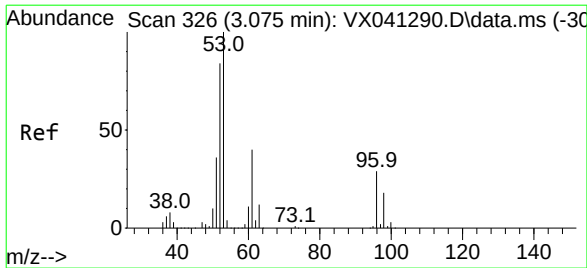
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#14
Allyl chloride
Concen: 19.309 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.0	55.8	83.6
76	31.9	24.3	36.5





#15

Acrylonitrile

Concen: 91.982 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

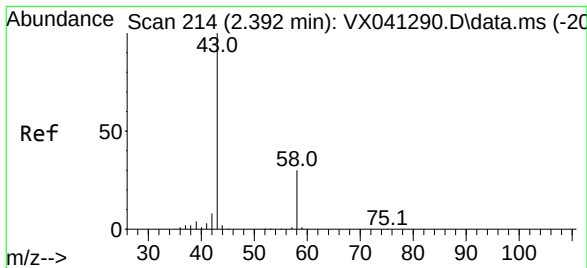
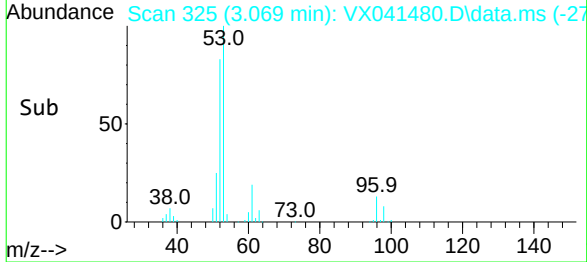
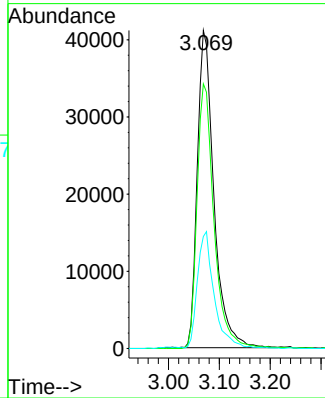
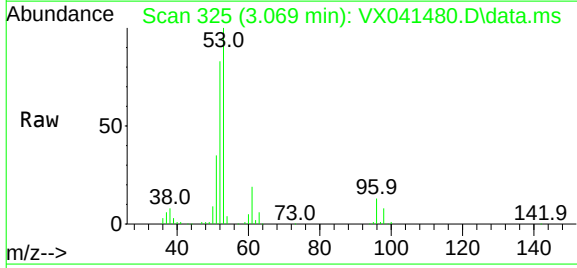
Tgt Ion:	53	Resp:	93219
Ion	Ratio	Lower	Upper
53	100		
52	85.8	66.0	99.0
51	37.6	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#16

Acetone

Concen: 103.443 ug/l

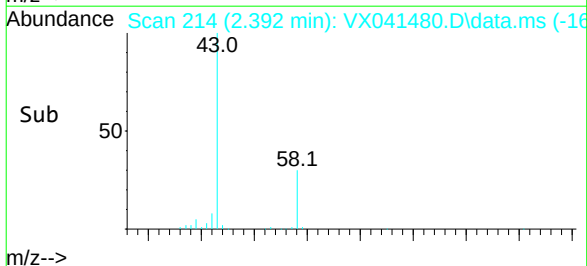
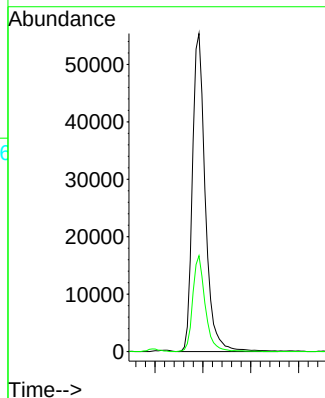
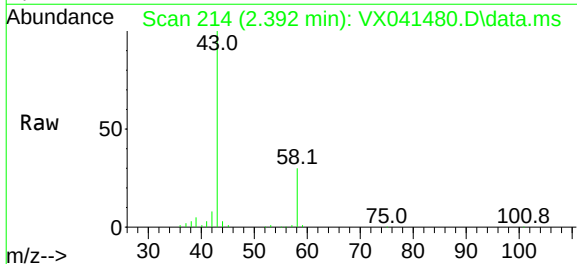
RT: 2.392 min Scan# 214

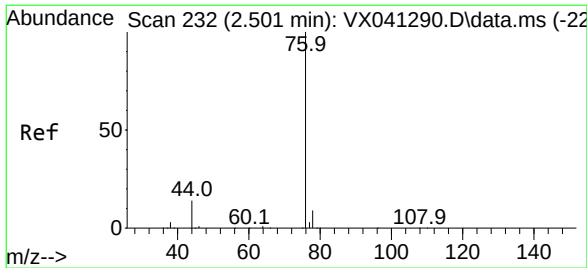
Delta R.T. -0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Tgt Ion:	43	Resp:	103300
Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.9	32.9





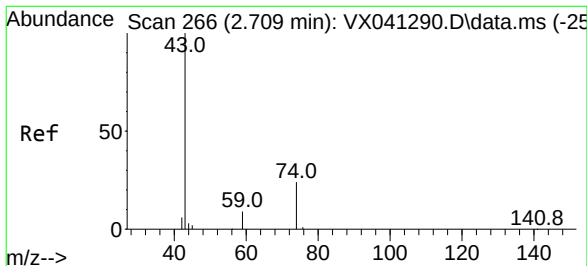
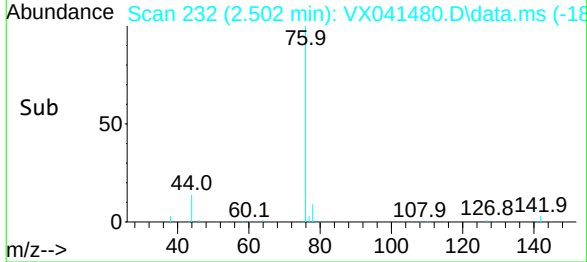
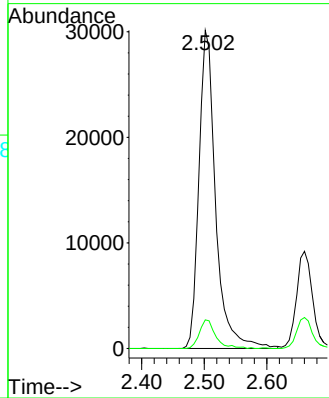
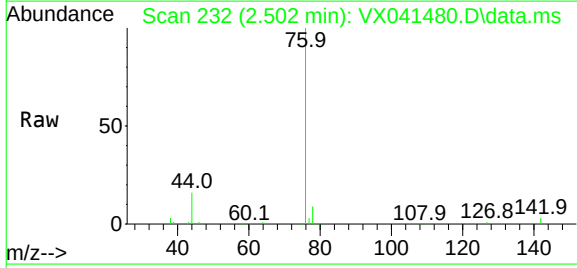
#17
Carbon Disulfide
Concen: 15.036 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 76 Resp: 55819
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

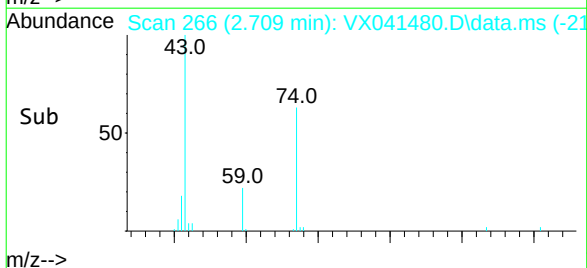
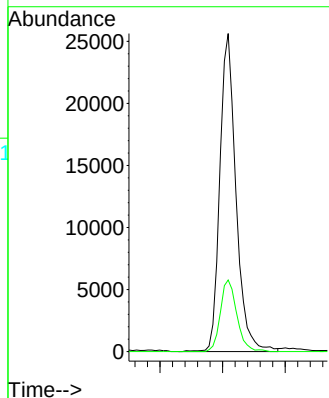
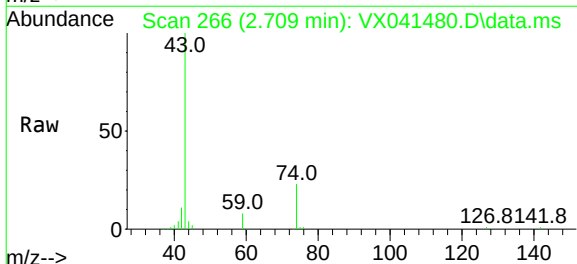
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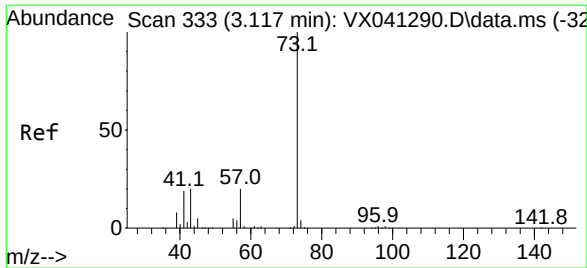
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#18
Methyl Acetate
Concen: 20.276 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 43 Resp: 46023
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





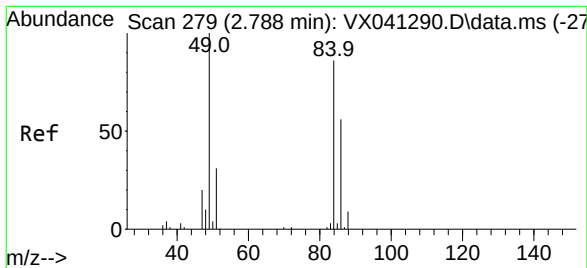
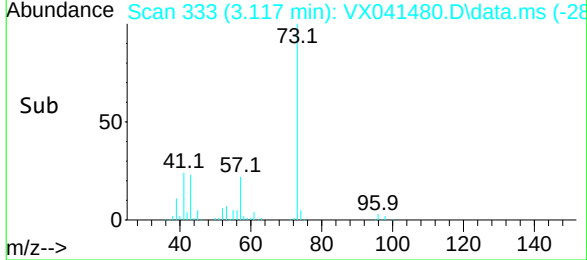
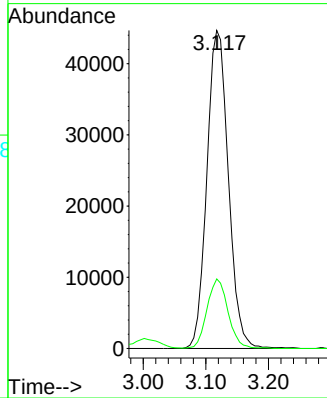
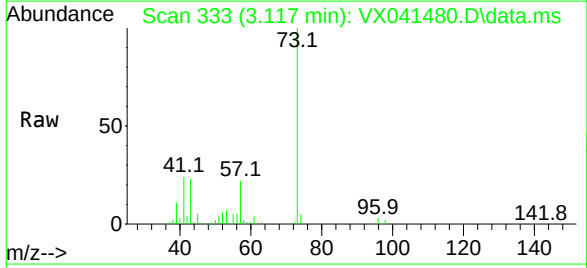
#19
Methyl tert-butyl Ether
Concen: 18.490 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 73 Resp: 106443
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

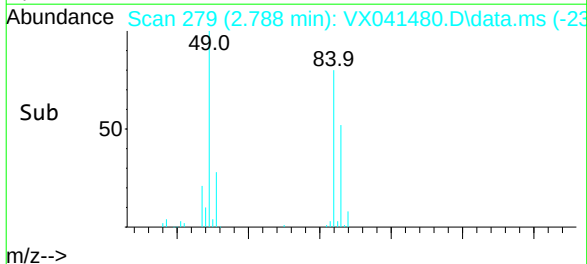
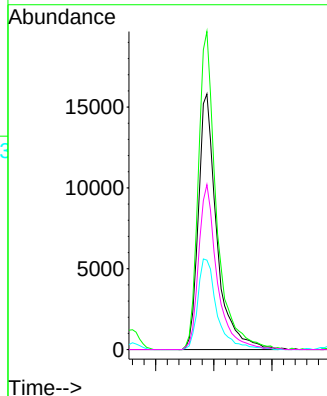
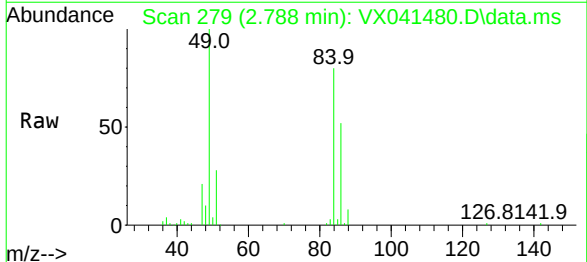
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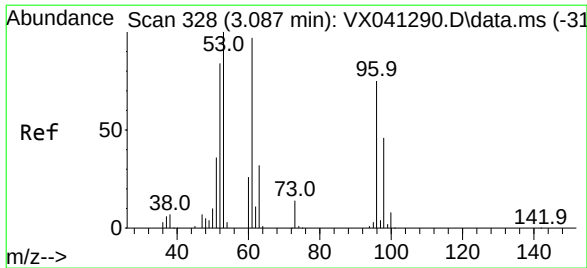
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#20
Methylene Chloride
Concen: 18.085 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

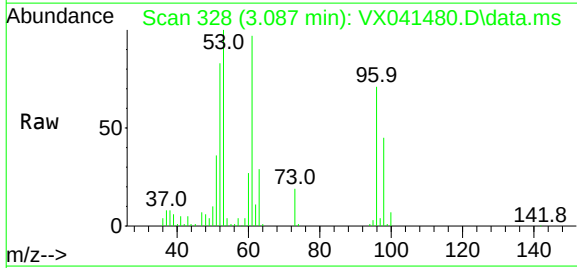
Tgt Ion: 84 Resp: 34832
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 35.0 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.294 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

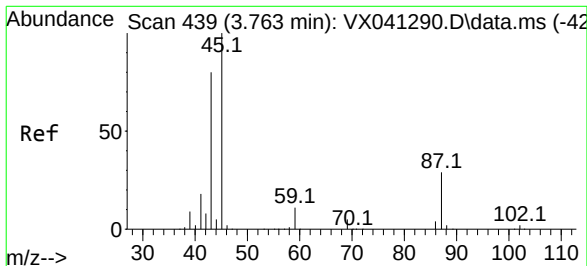
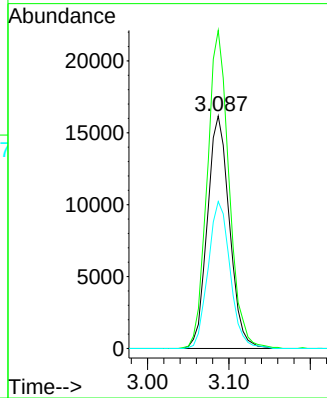
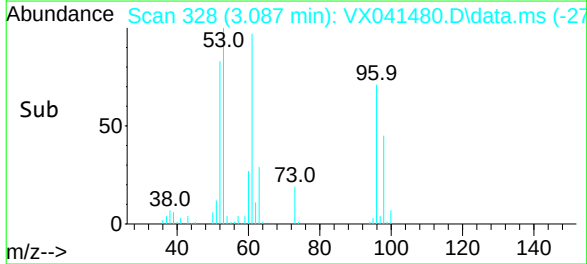
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



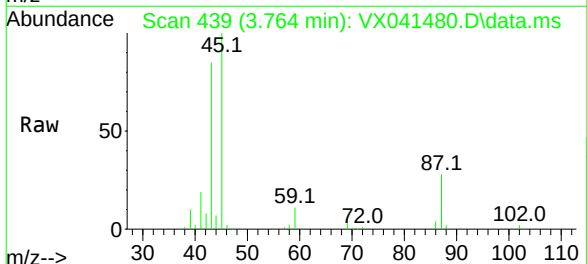
Tgt Ion: 96 Resp: 30522
Ion Ratio Lower Upper
96 100
61 136.7 119.2 178.8
98 63.2 48.7 73.1

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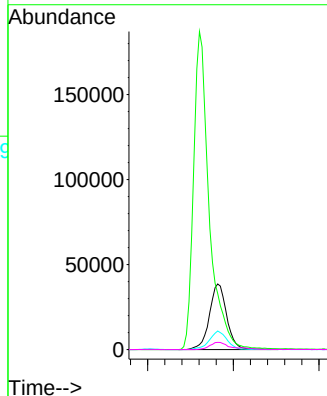
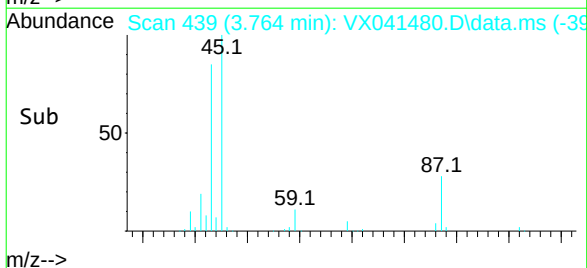
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

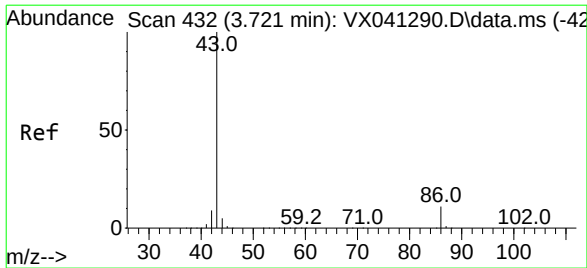


#22
Diisopropyl ether
Concen: 19.247 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24



Tgt Ion: 45 Resp: 108224
Ion Ratio Lower Upper
45 100
43 85.4 69.7 104.5
87 28.3 20.8 31.2
59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 94.638 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion: 43 Resp: 476021

Ion Ratio Lower Upper

43 100

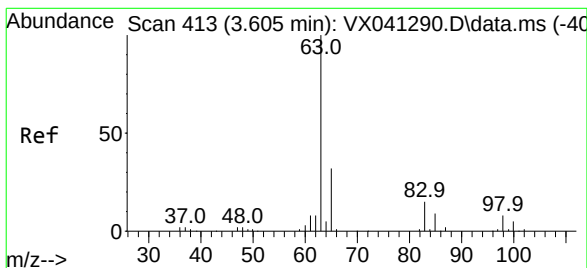
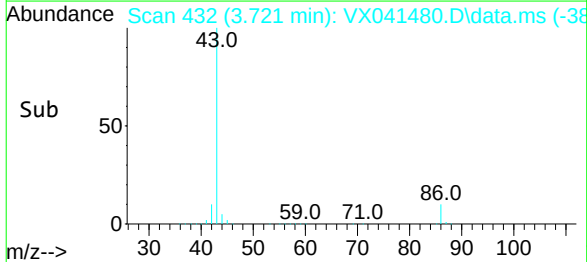
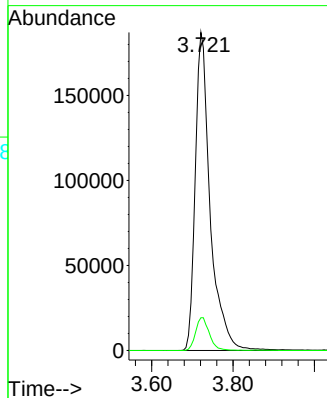
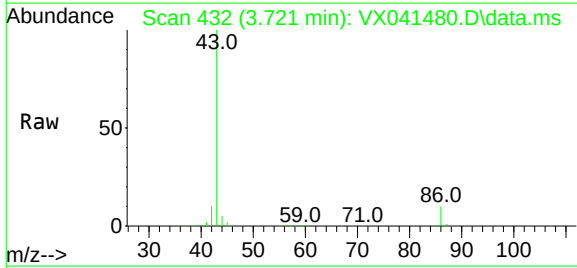
86 10.3 7.8 11.8

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#24

1,1-Dichloroethane

Concen: 18.620 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

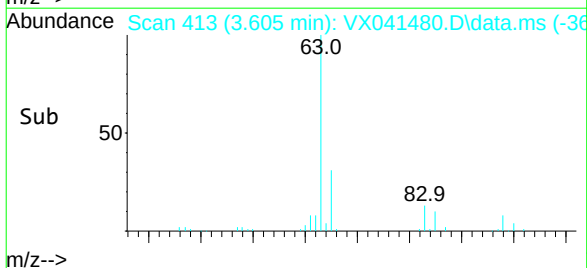
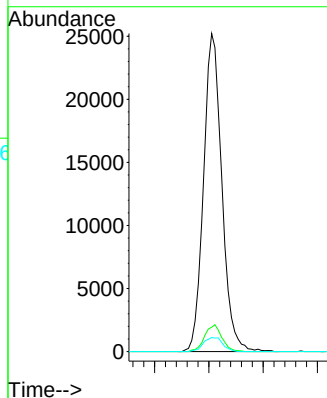
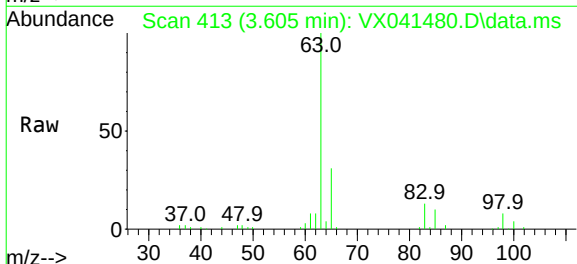
Tgt Ion: 63 Resp: 59151

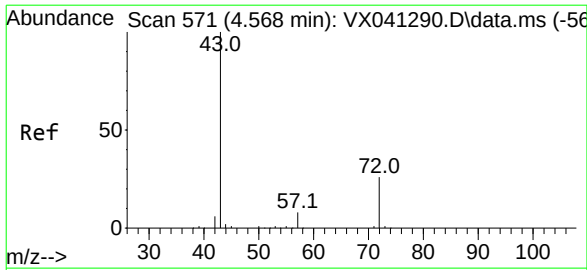
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

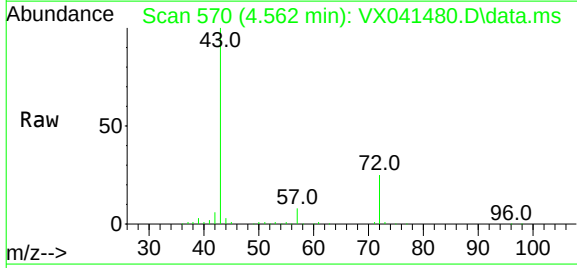
100 4.4 2.1 6.5





#25
2-Butanone
Concen: 98.128 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

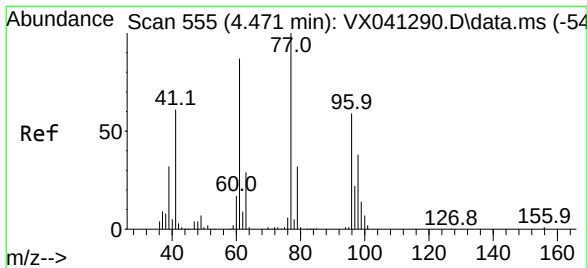
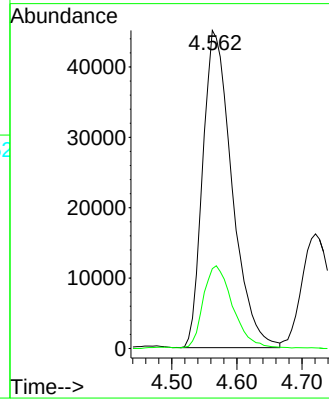
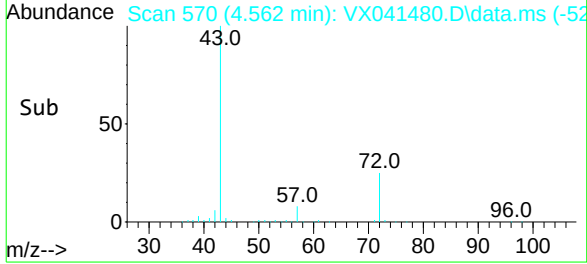
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



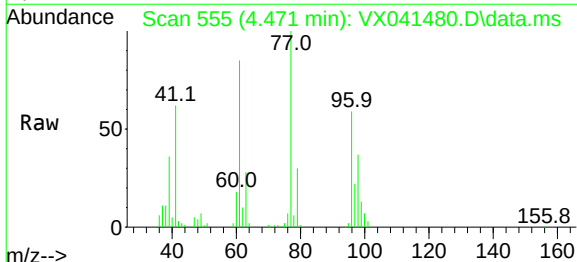
Tgt Ion: 43 Resp: 140902
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

Manual Integrations
APPROVED

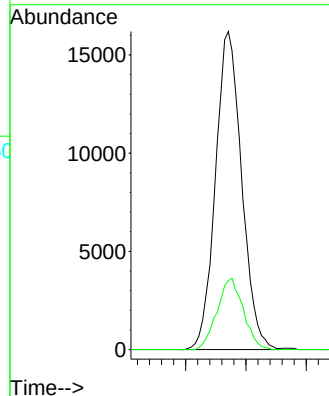
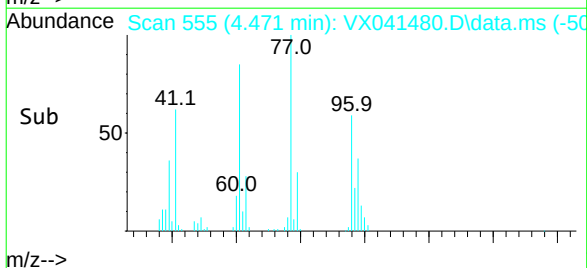
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

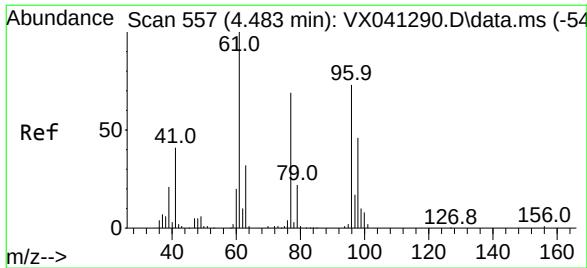


#26
2,2-Dichloropropane
Concen: 18.411 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24



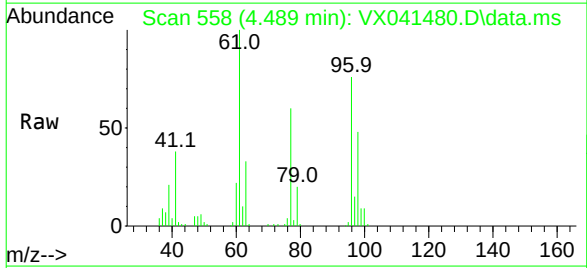
Tgt Ion: 77 Resp: 48900
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.511 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

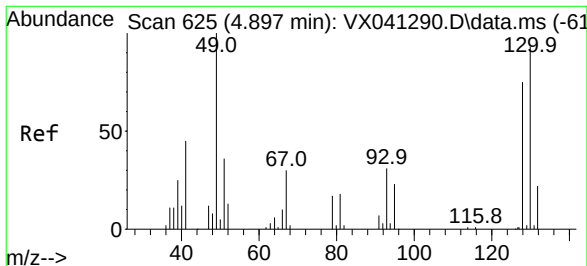
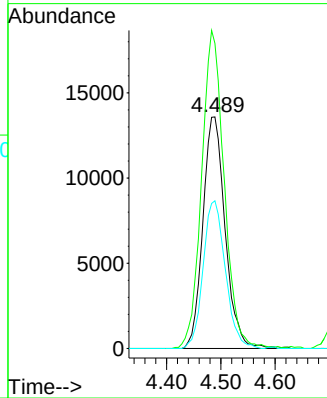
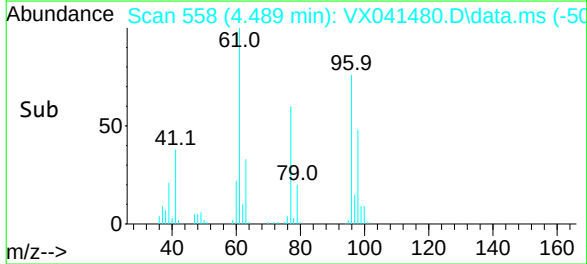
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion: 96 Resp: 38681
Ion Ratio Lower Upper
96 100
61 139.4 0.0 312.2
98 63.8 0.0 129.0

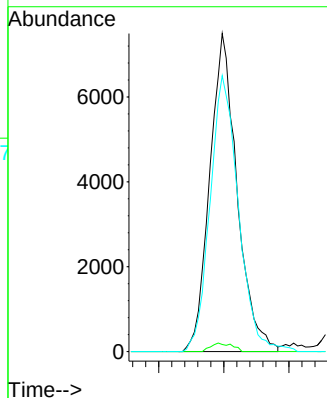
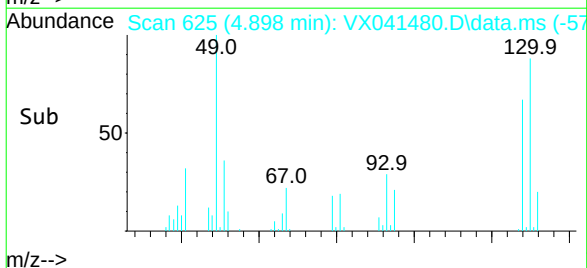
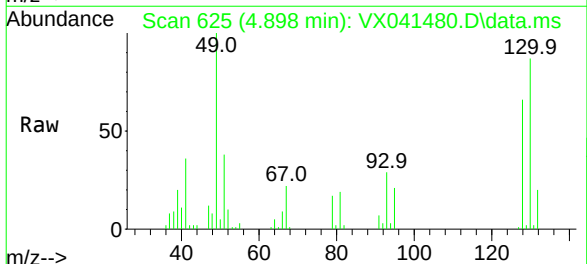
Manual Integrations
APPROVED

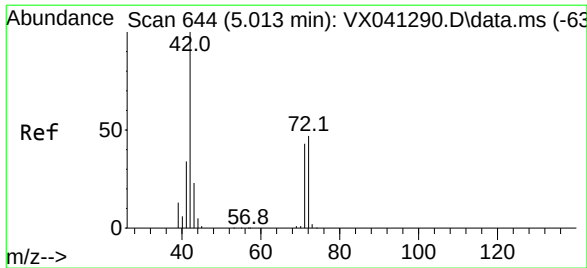
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#28
Bromochloromethane
Concen: 19.282 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 49 Resp: 21861
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 90.1 57.5 86.3#





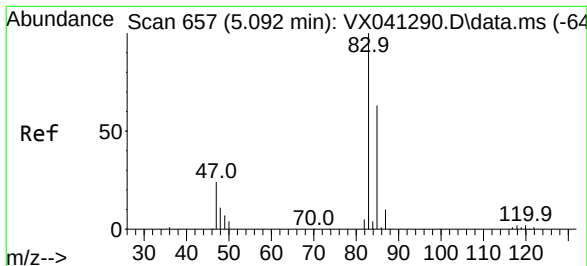
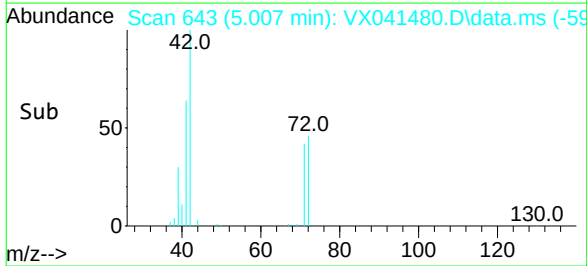
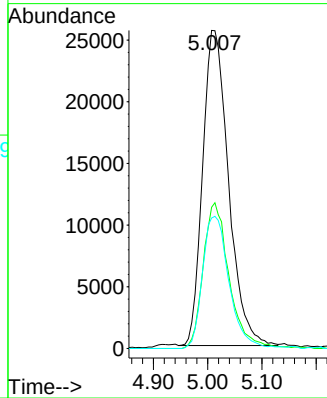
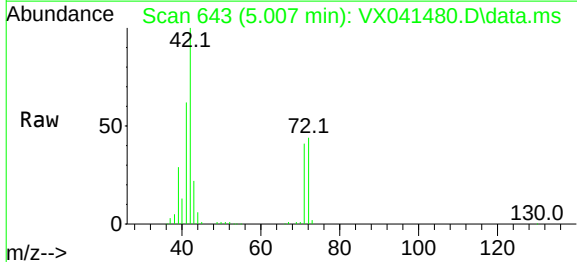
#29
Tetrahydrofuran
Concen: 90.482 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 42 Resp: 84969
Ion Ratio Lower Upper
42 100
72 46.2 34.2 51.4
71 42.9 32.2 48.2

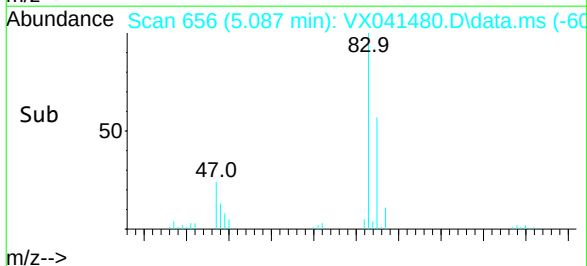
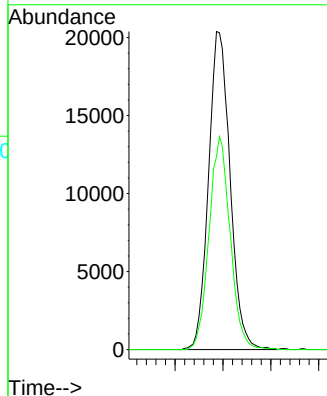
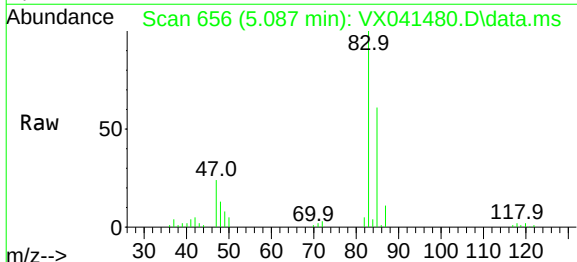
Manual Integrations
APPROVED

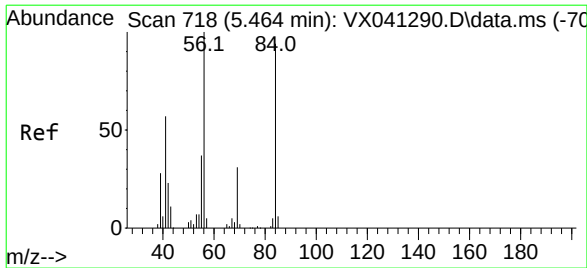
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#30
Chloroform
Concen: 19.332 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 83 Resp: 63891
Ion Ratio Lower Upper
83 100
85 60.7 50.3 75.5





#31

Cyclohexane

Concen: 17.542 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041480.D

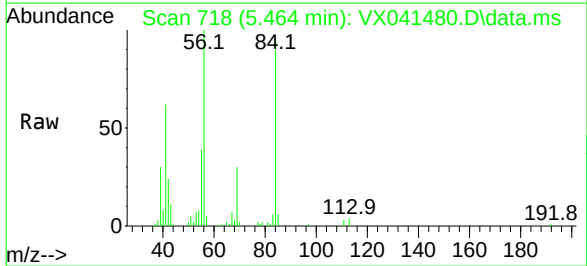
Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01



Tgt Ion: 56 Resp: 46971

Ion Ratio Lower Upper

56 100

69 30.3 23.4 35.2

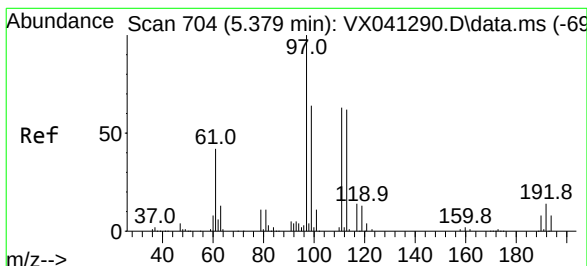
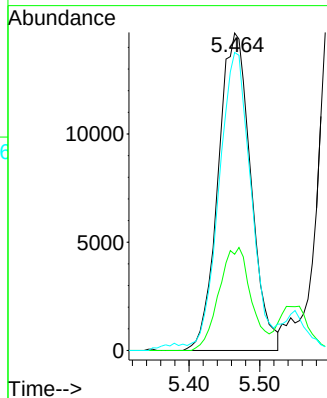
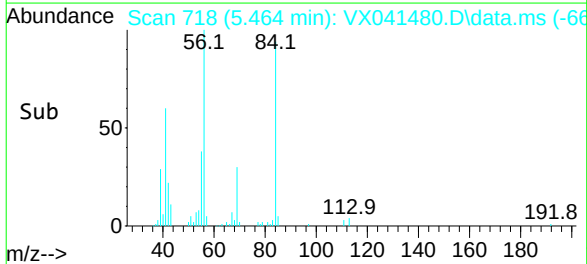
84 92.3 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#32

1,1,1-Trichloroethane

Concen: 18.133 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

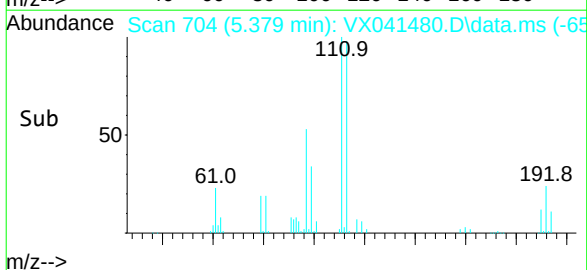
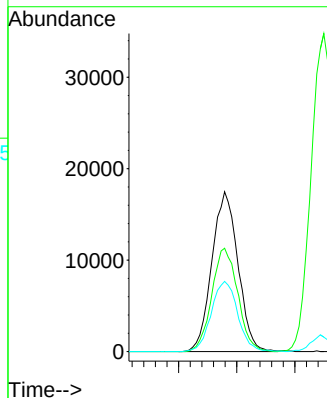
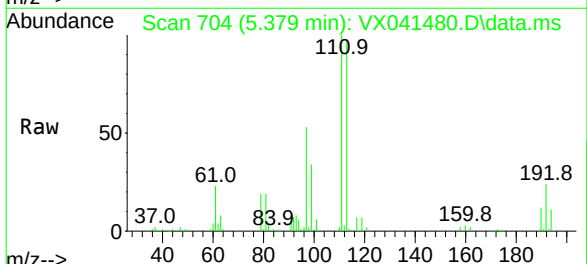
Tgt Ion: 97 Resp: 54522

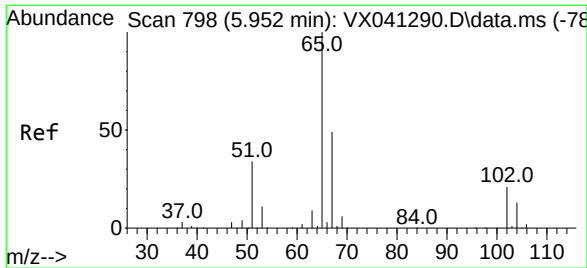
Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 44.6 36.4 54.6





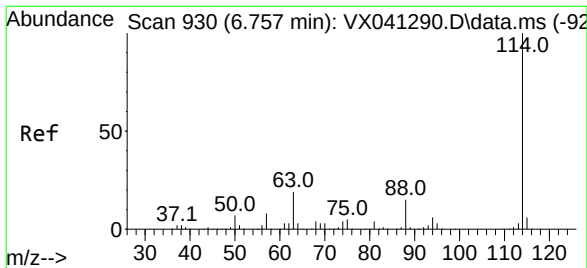
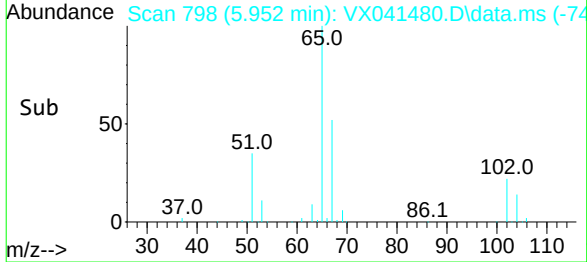
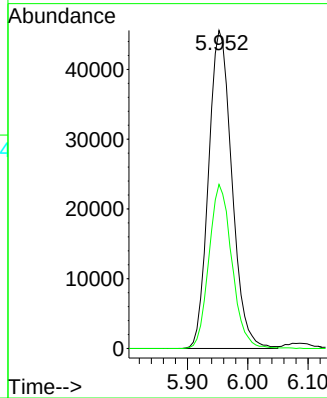
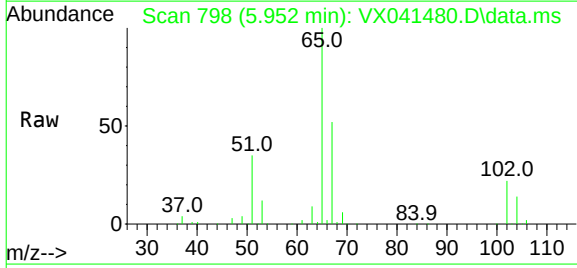
#33
1,2-Dichloroethane-d4
Concen: 55.277 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 65 Resp: 122634
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

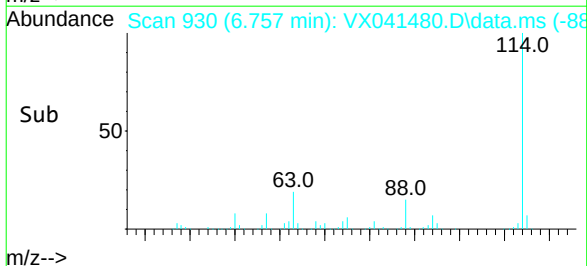
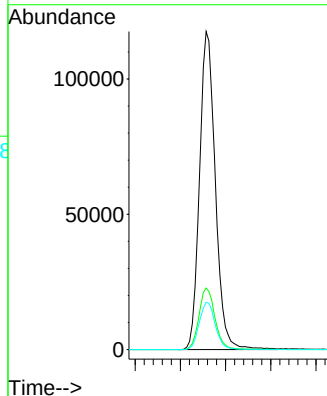
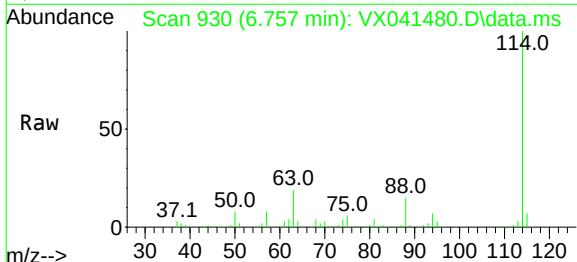
Manual Integrations
APPROVED

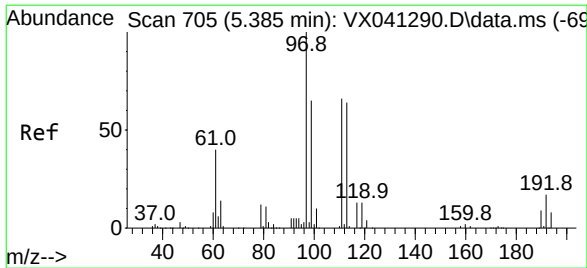
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

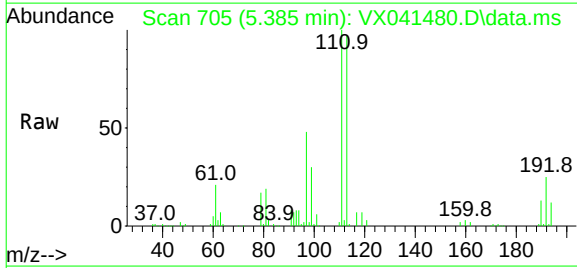
Tgt Ion:114 Resp: 285682
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.563 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

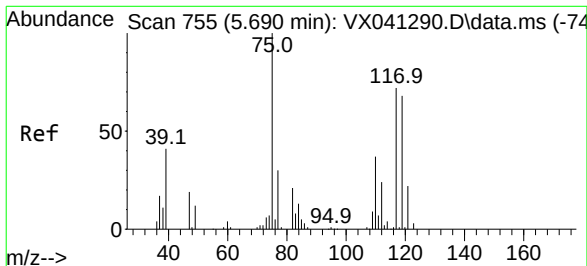
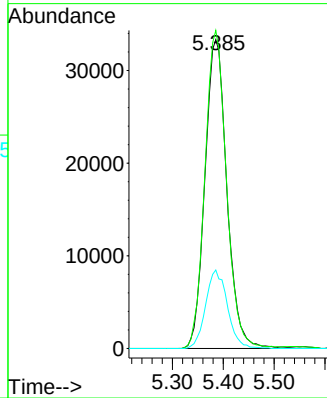
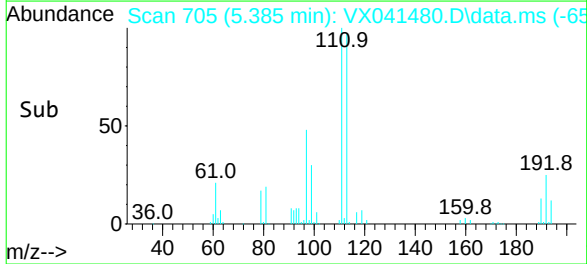
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion:113 Resp: 99825
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 25.3 13.3 19.9#

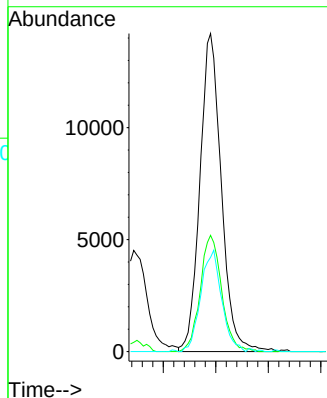
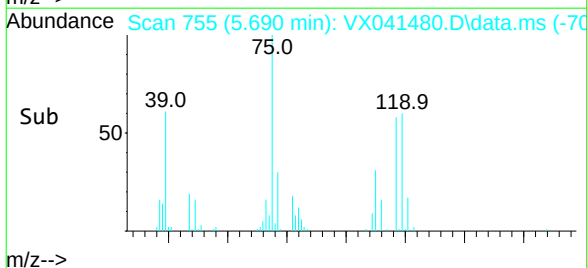
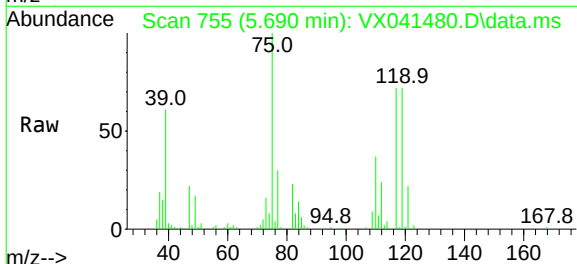
Manual Integrations
APPROVED

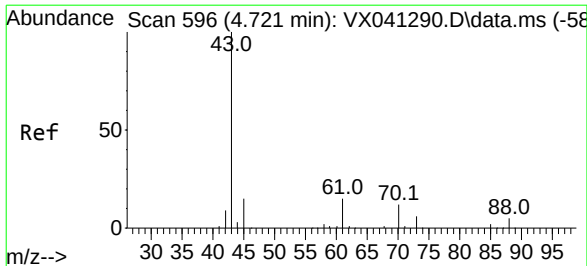
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#36
1,1-Dichloropropene
Concen: 17.371 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 75 Resp: 40213
Ion Ratio Lower Upper
75 100
110 36.6 17.0 50.9
77 31.1 24.7 37.1





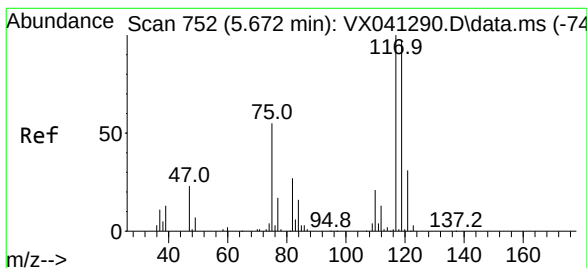
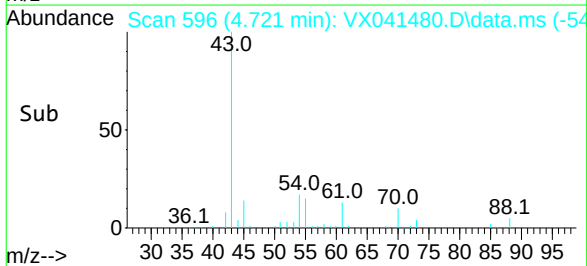
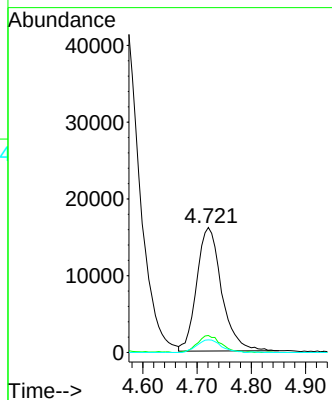
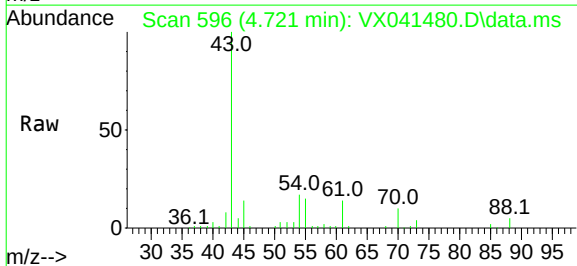
#37
Ethyl Acetate
Concen: 17.753 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion:	43	Resp:	51278
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	16.0
70	9.9	8.3	12.5

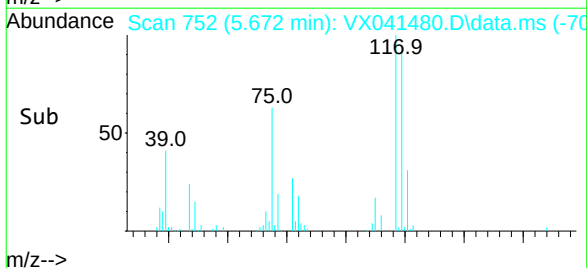
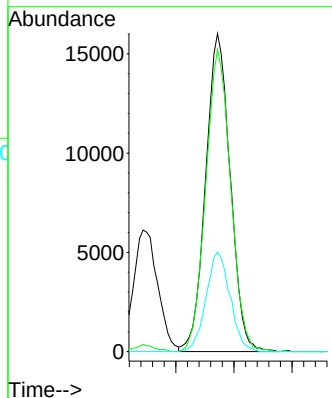
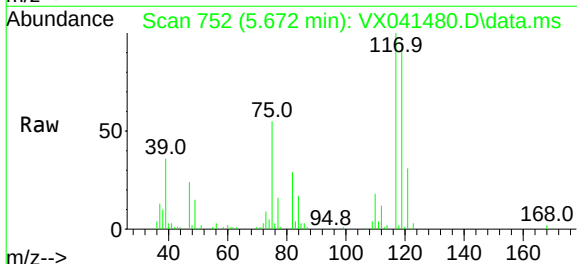
Manual Integrations
APPROVED

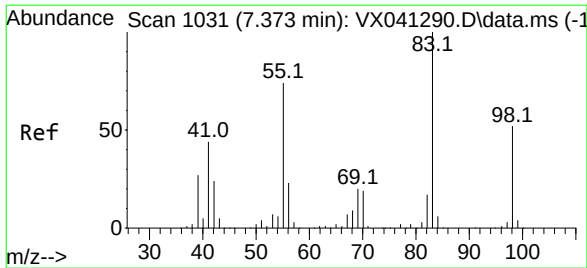
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#38
Carbon Tetrachloride
Concen: 17.758 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

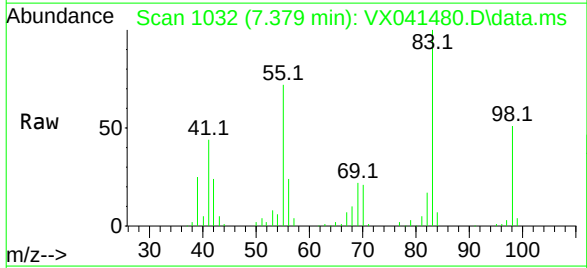
Tgt Ion:	117	Resp:	47094
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.2
121	31.2	24.4	36.6





#39
Methylcyclohexane
Concen: 18.063 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

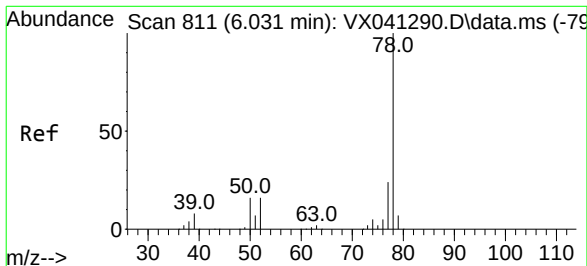
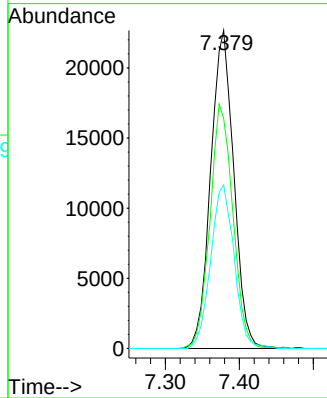
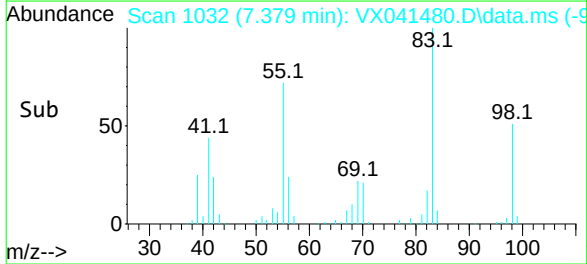
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion: 83 Resp: 49124
Ion Ratio Lower Upper
83 100
55 72.3 64.6 97.0
98 51.4 36.7 55.1

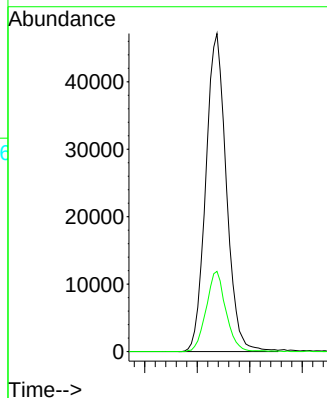
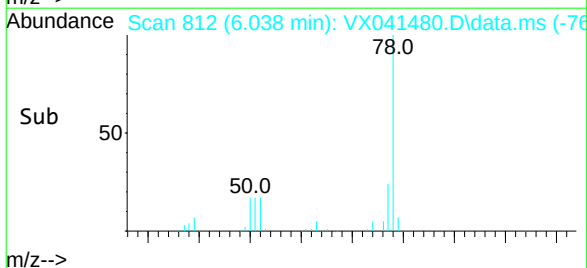
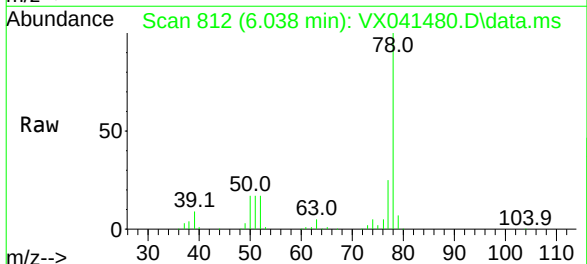
Manual Integrations
APPROVED

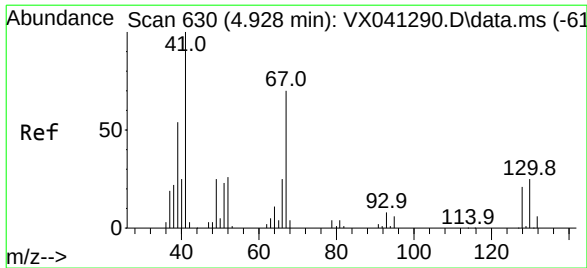
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#40
Benzene
Concen: 17.967 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 78 Resp: 128221
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9





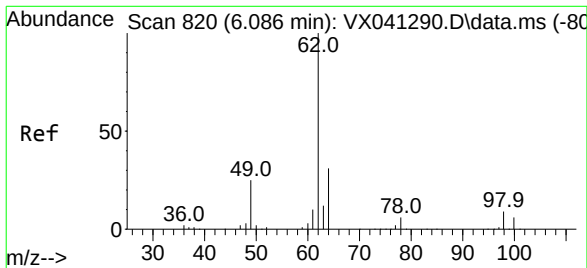
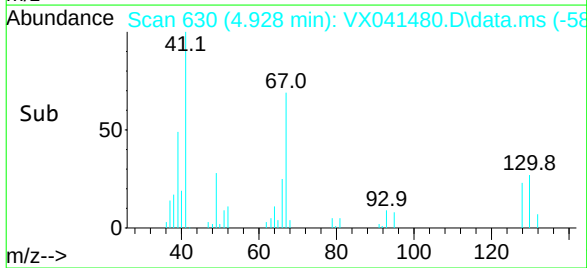
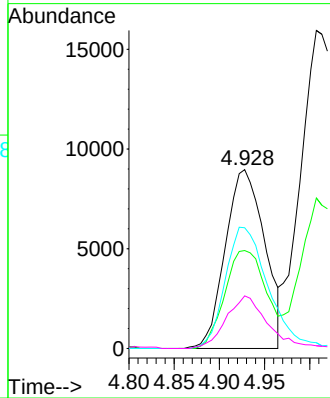
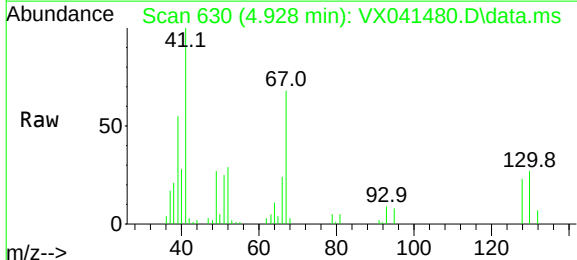
#41
Methacrylonitrile
Concen: 18.261 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion:	41	Resp:	27147
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.2	67.8
67	74.4	52.6	78.8
52	31.2	22.7	34.1

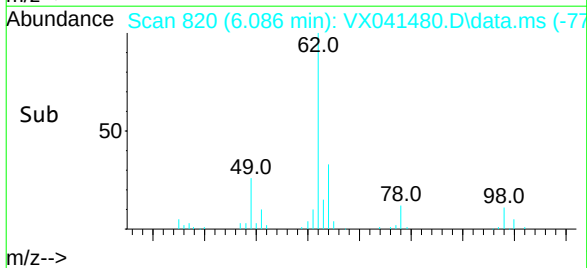
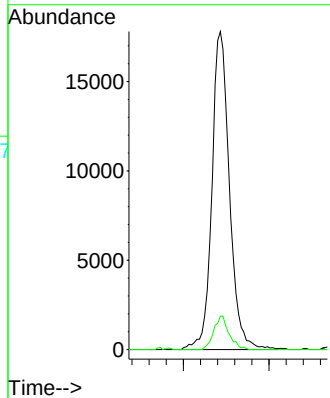
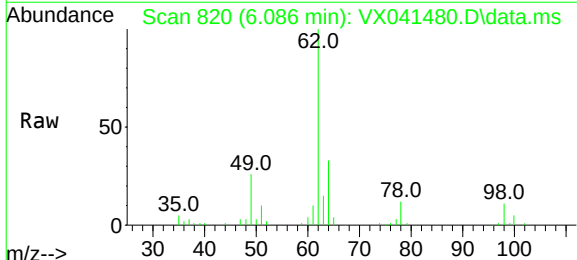
Manual Integrations
APPROVED

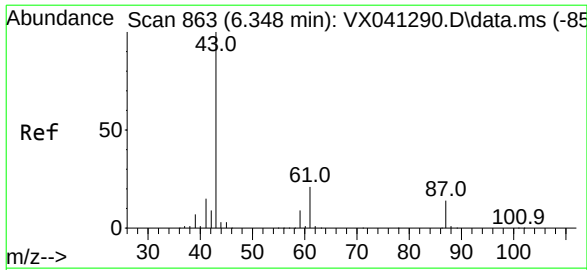
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#42
1,2-Dichloroethane
Concen: 19.368 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion:	62	Resp:	50655
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.471 ug/l

RT: 6.342 min Scan# 86

Delta R.T. -0.006 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

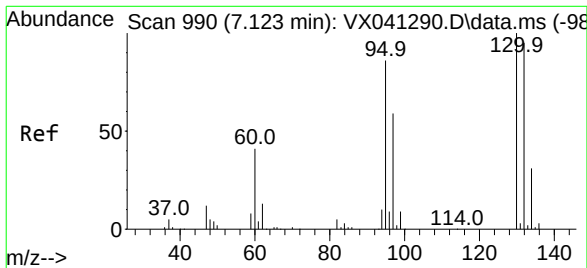
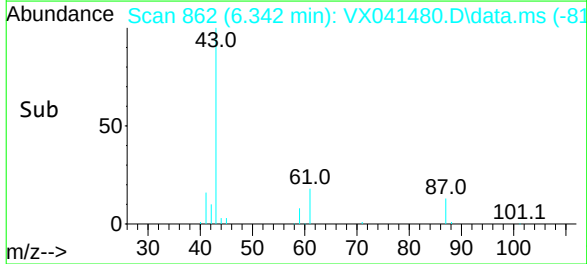
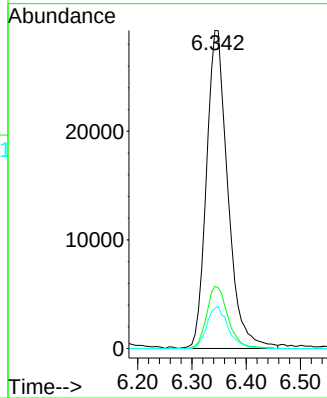
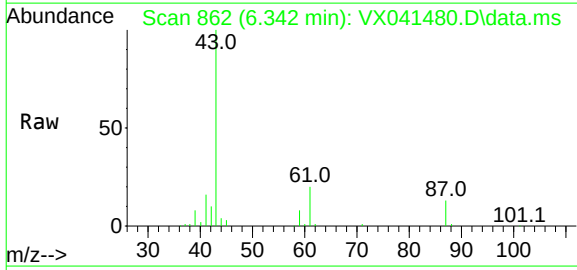
Tgt Ion:	43	Resp:	80217
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	13.1	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#44

Trichloroethene

Concen: 18.744 ug/l

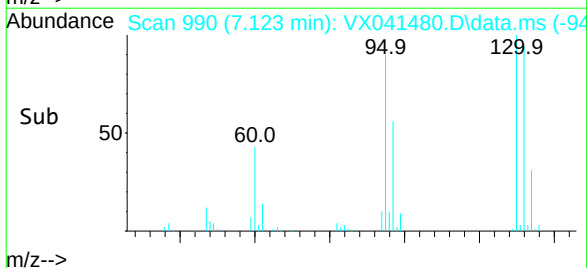
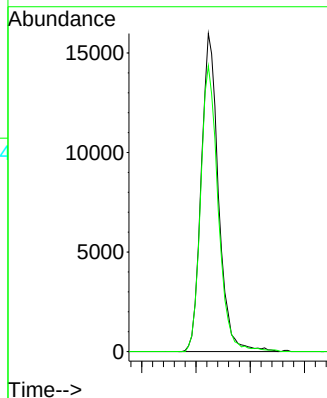
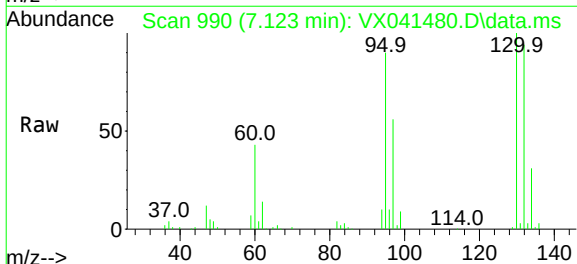
RT: 7.123 min Scan# 990

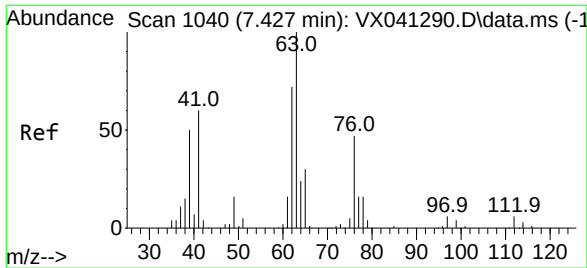
Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Tgt Ion:	130	Resp:	35323
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	204.4





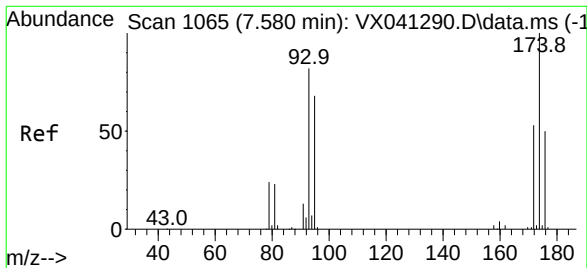
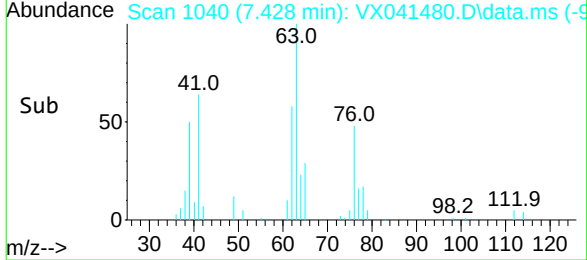
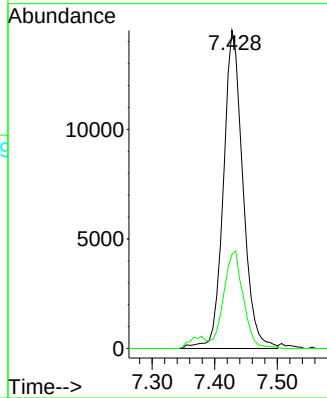
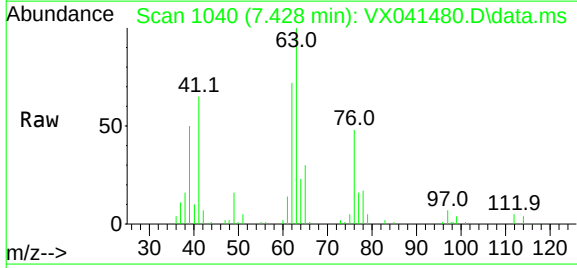
#45
1,2-Dichloropropane
Concen: 19.701 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 63 Resp: 31412
Ion Ratio Lower Upper
63 100
65 29.6 24.3 36.5

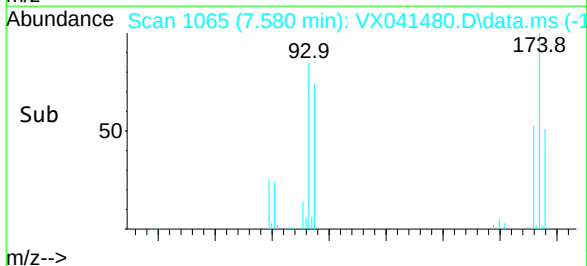
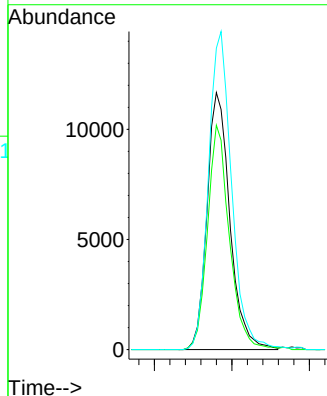
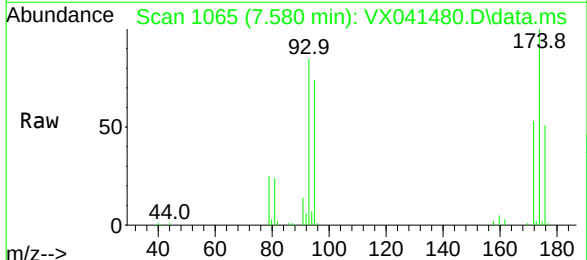
Manual Integrations
APPROVED

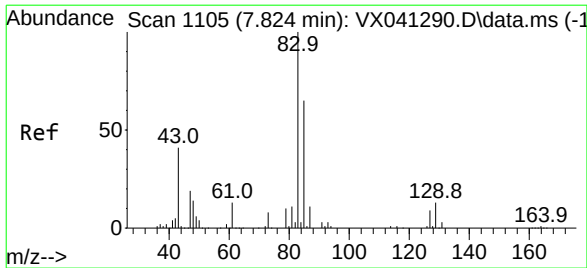
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#46
Dibromomethane
Concen: 18.880 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

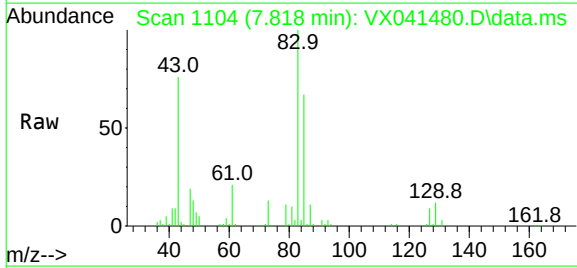
Tgt Ion: 93 Resp: 23965
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 125.0 69.4 104.0#





#47
Bromodichloromethane
Concen: 19.716 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

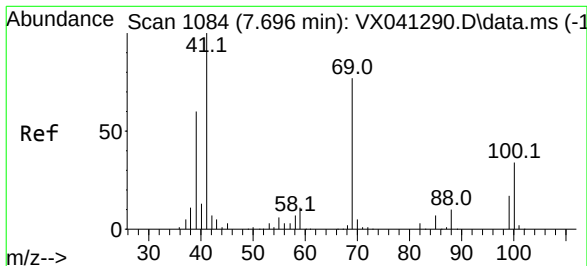
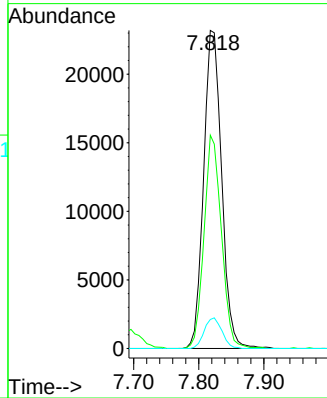
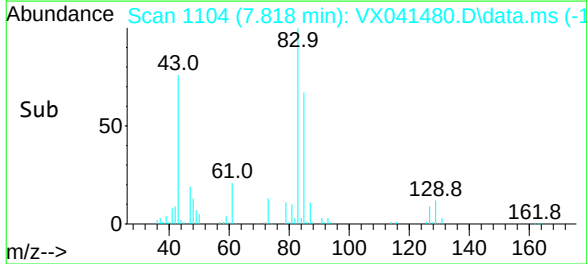
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion: 83 Resp: 44597
Ion Ratio Lower Upper
83 100
85 67.1 49.8 74.6
127 9.1 7.1 10.7

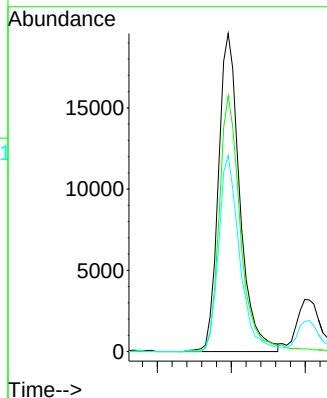
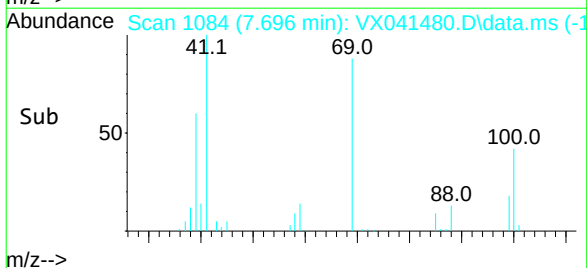
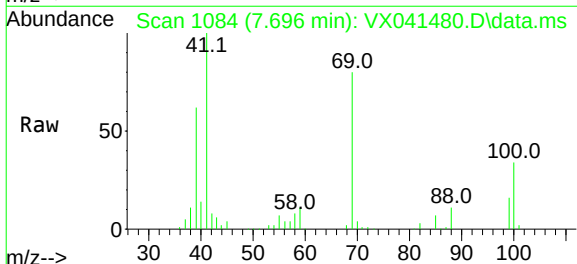
Manual Integrations
APPROVED

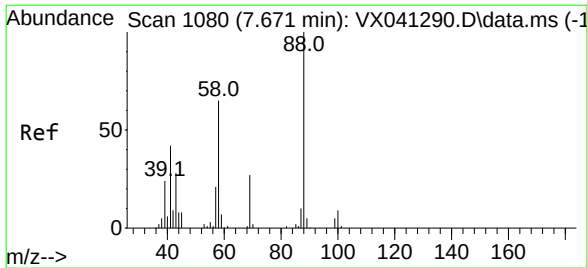
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#48
Methyl methacrylate
Concen: 19.734 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 41 Resp: 39288
Ion Ratio Lower Upper
41 100
69 80.3 59.2 88.8
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 382.407 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion: 88 Resp: 16460

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0

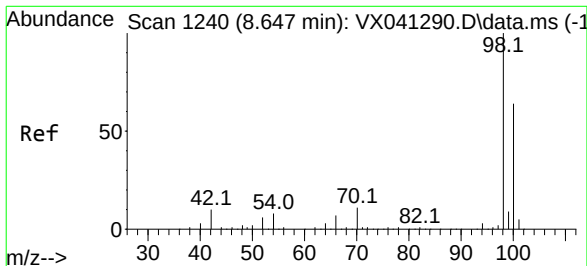
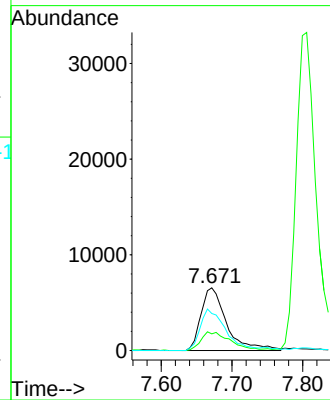
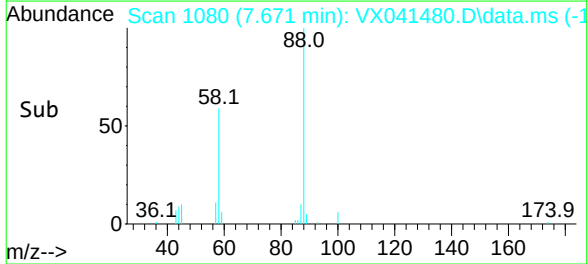
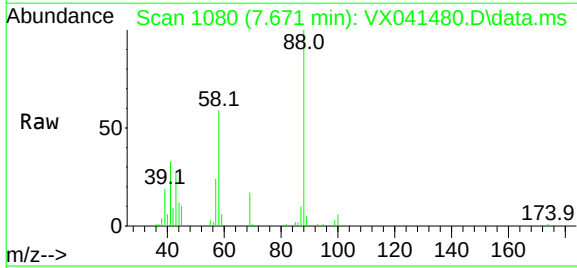
58 64.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#50

Toluene-d8

Concen: 54.672 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041480.D

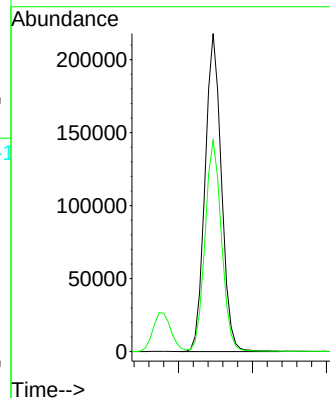
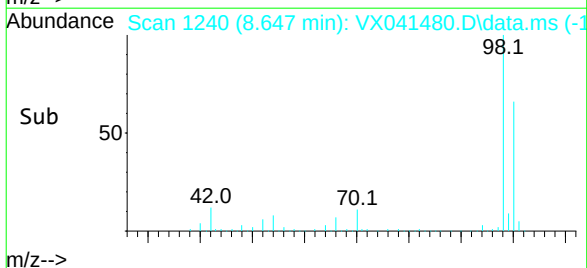
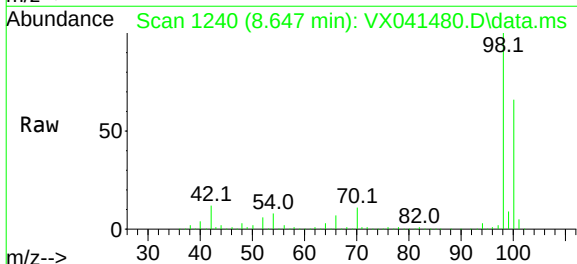
Acq: 13 May 2024 10:24

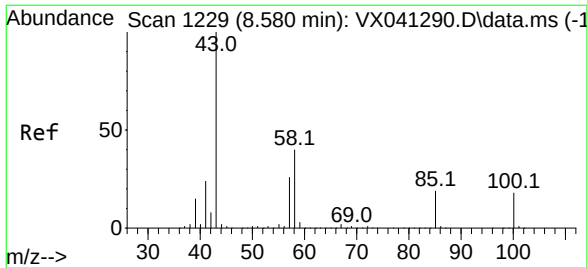
Tgt Ion: 98 Resp: 335008

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7





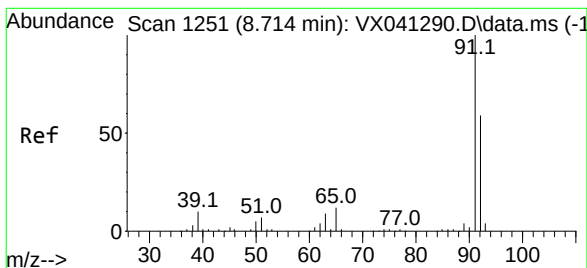
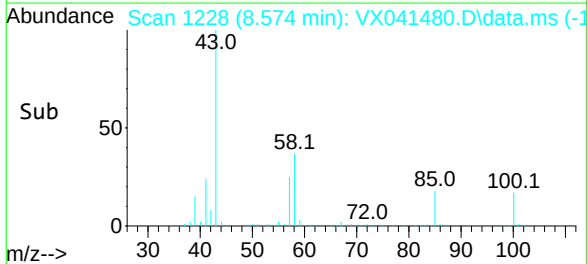
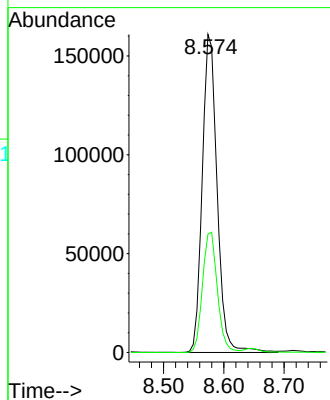
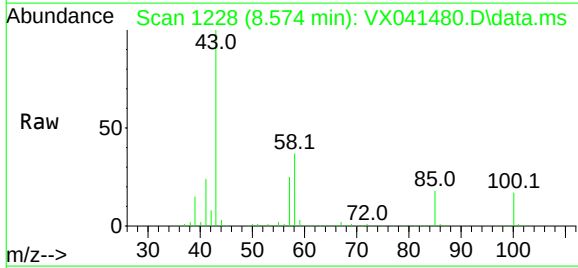
#51
4-Methyl-2-Pentanone
Concen: 105.972 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 43 Resp: 276164
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

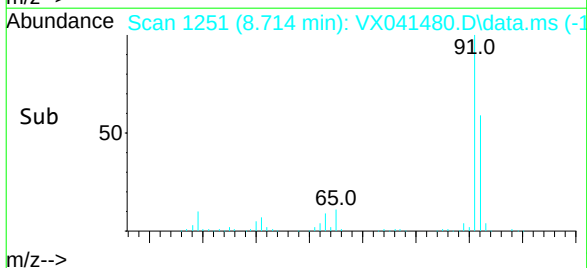
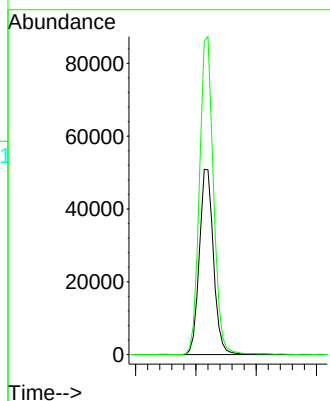
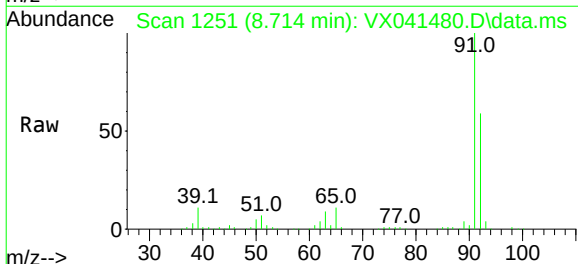
Manual Integrations
APPROVED

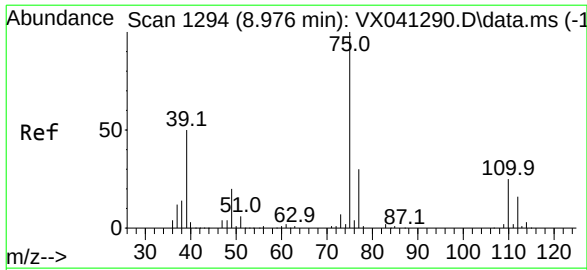
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#52
Toluene
Concen: 19.027 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

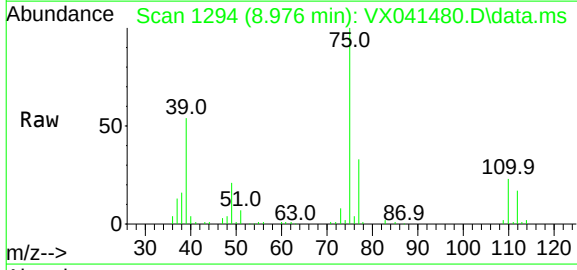
Tgt Ion: 92 Resp: 83064
Ion Ratio Lower Upper
92 100
91 170.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 17.591 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

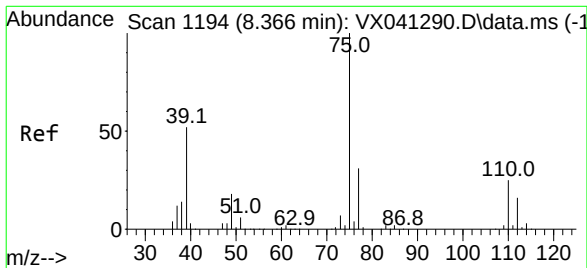
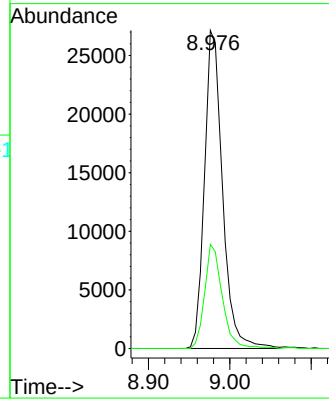
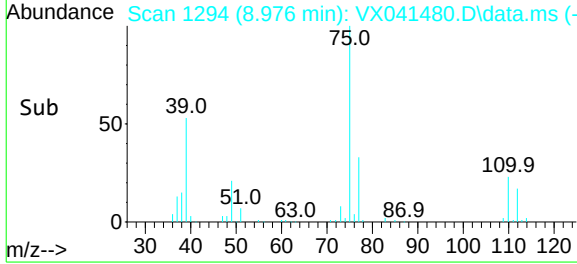
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion: 75 Resp: 41879
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5

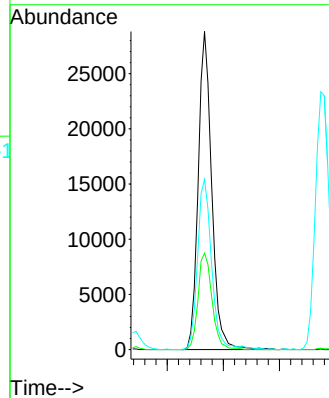
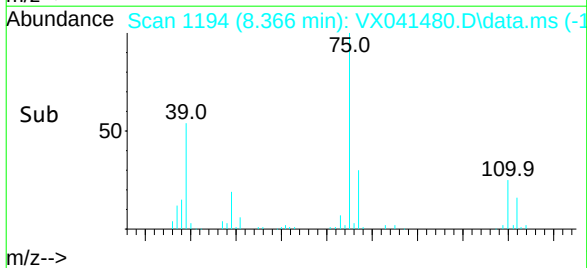
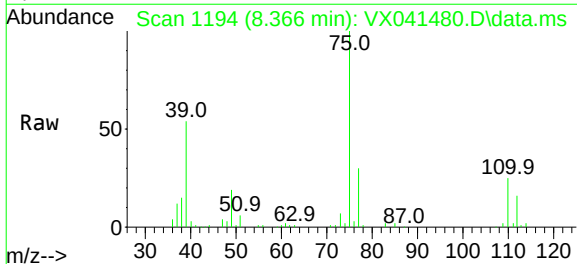
Manual Integrations
APPROVED

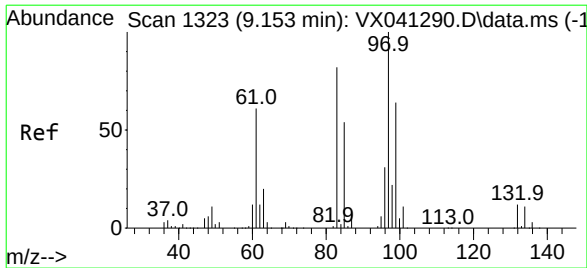
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#54
cis-1,3-Dichloropropene
Concen: 19.337 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

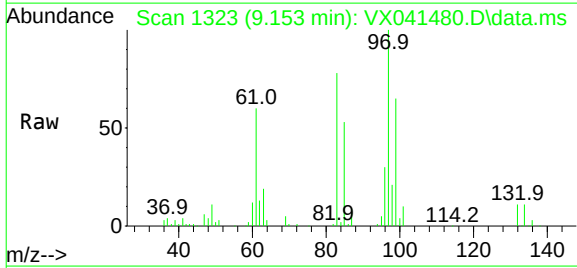
Tgt Ion: 75 Resp: 48085
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 53.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.012 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

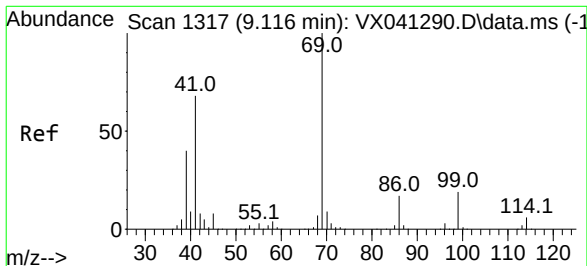
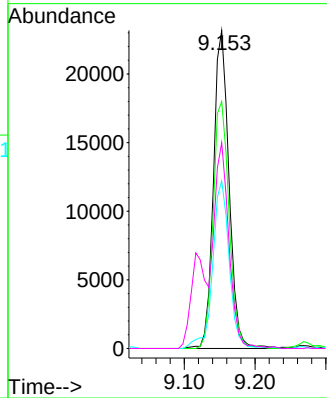
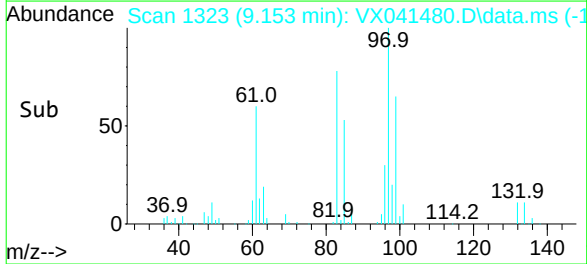
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion:	97	Resp:	35326
Ion	Ratio	Lower	Upper
97	100		
83	77.6	65.8	98.8
85	52.7	41.6	62.4
99	64.7	47.8	71.8

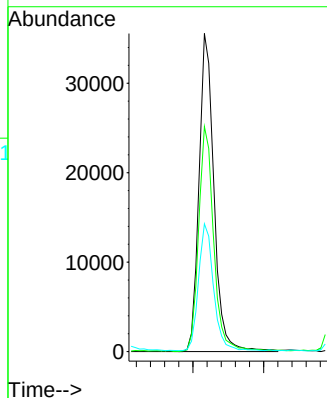
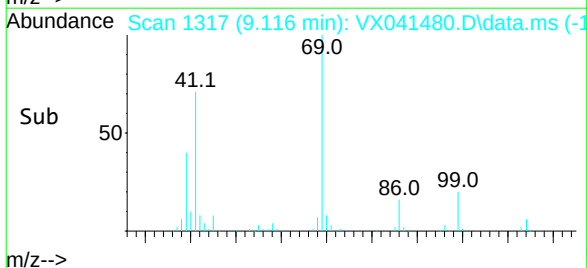
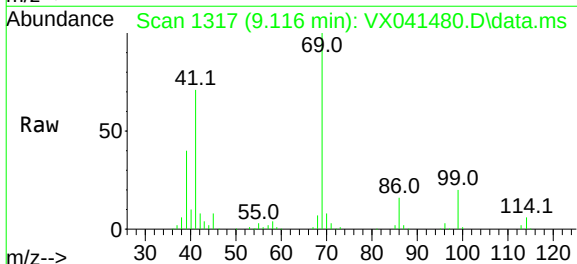
Manual Integrations
APPROVED

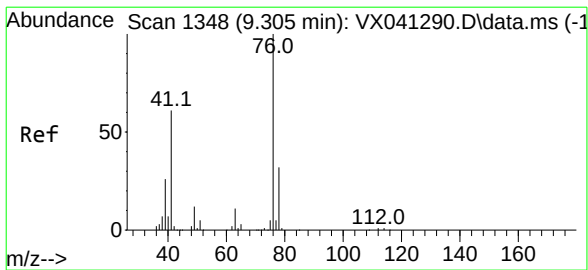
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#56
Ethyl methacrylate
Concen: 20.072 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

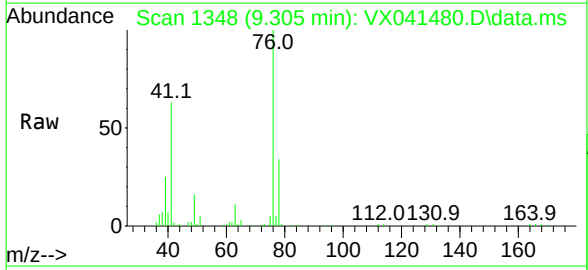
Tgt Ion:	69	Resp:	52225
Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.8	85.2
39	40.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 20.505 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

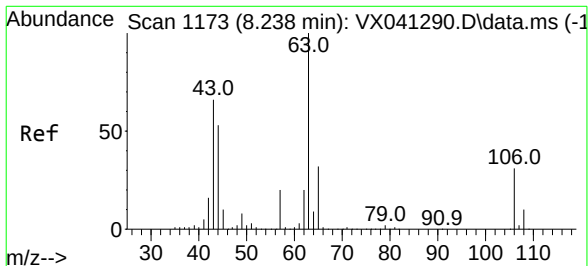
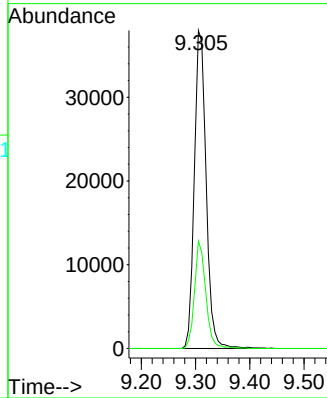
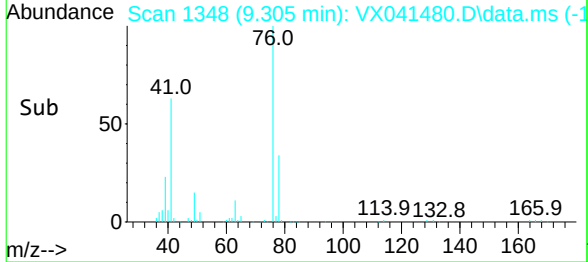
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion: 76 Resp: 57534
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

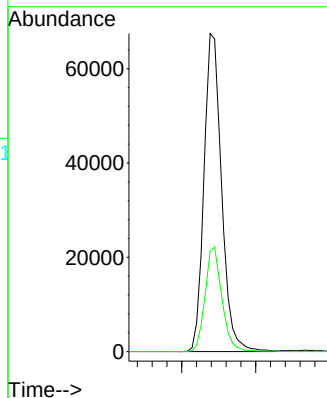
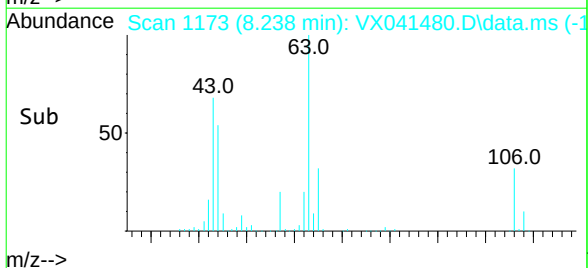
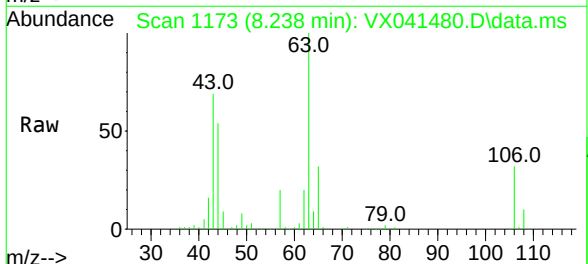
Manual Integrations
APPROVED

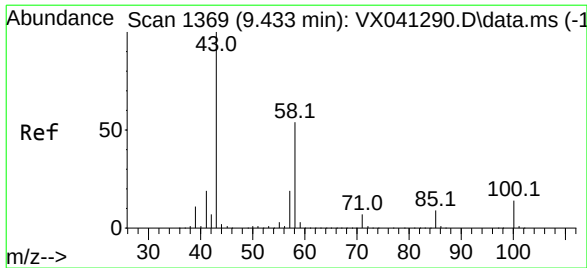
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 88.445 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 63 Resp: 111582
Ion Ratio Lower Upper
63 100
106 31.5 22.5 33.7





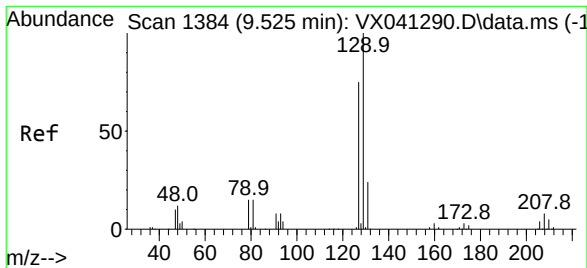
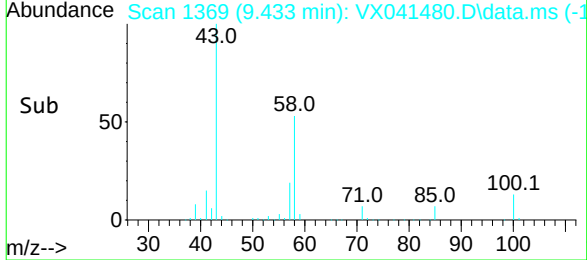
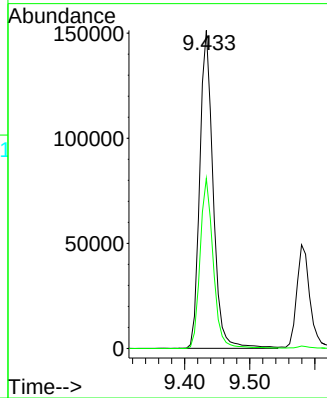
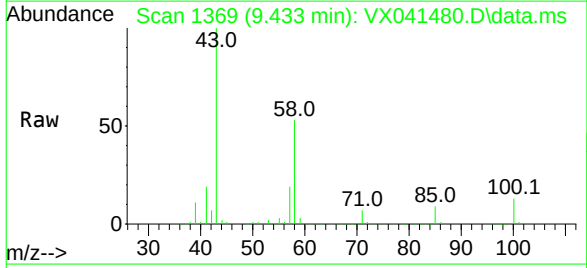
#59
2-Hexanone
Concen: 103.384 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 43 Resp: 215436
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5

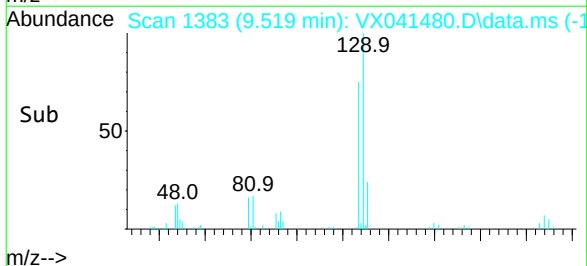
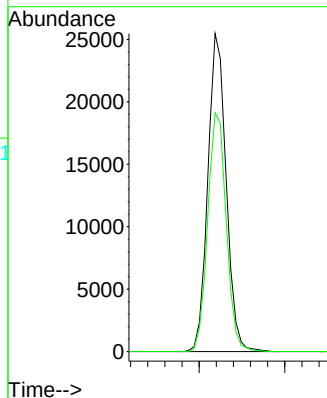
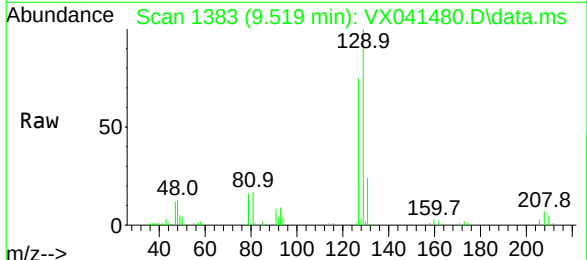
Manual Integrations
APPROVED

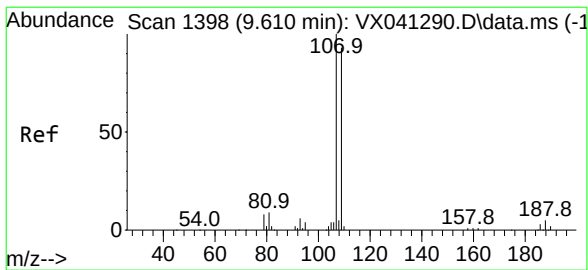
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#60
Dibromochloromethane
Concen: 19.056 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

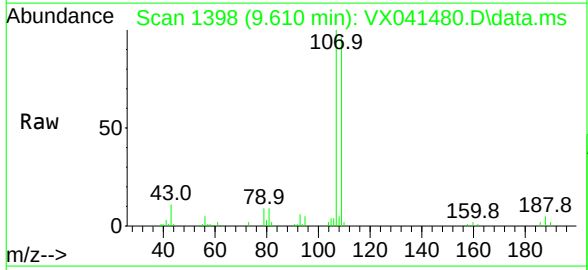
Tgt Ion:129 Resp: 37715
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.373 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

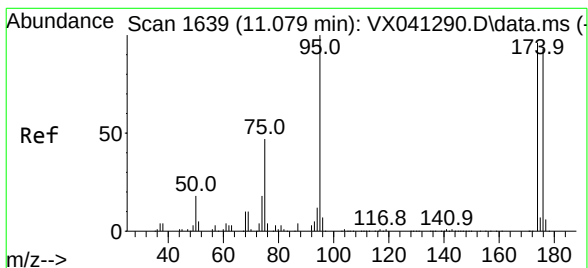
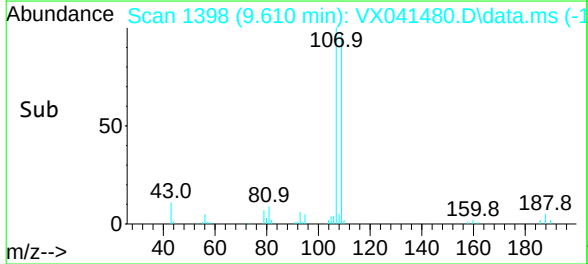
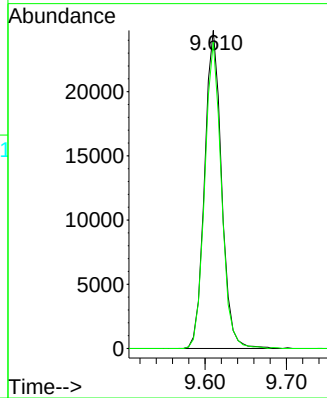
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion: 107 Resp: 35832
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

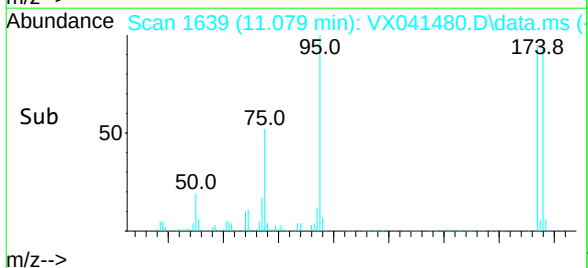
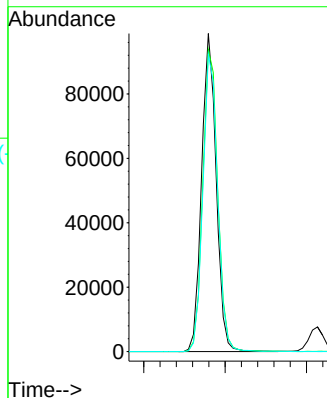
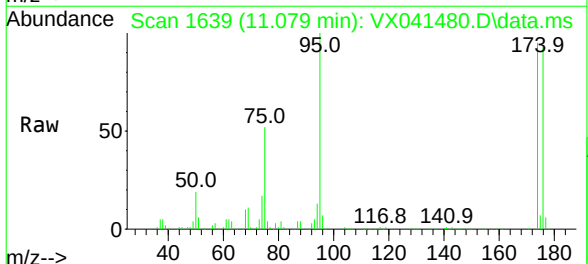
Manual Integrations
APPROVED

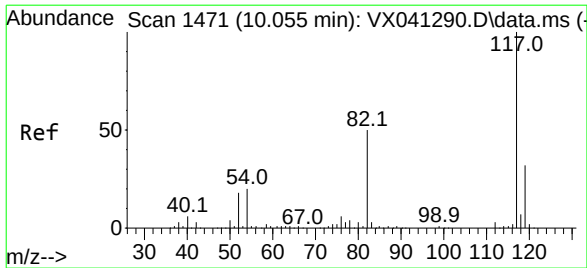
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024



#62
4-Bromofluorobenzene
Concen: 51.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 95 Resp: 122512
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.7 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: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

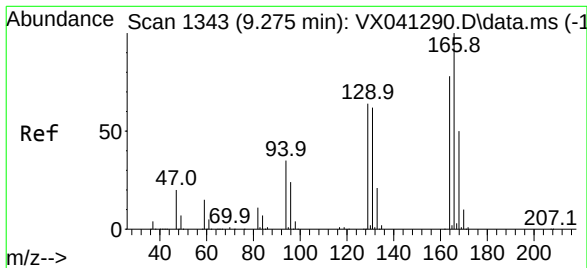
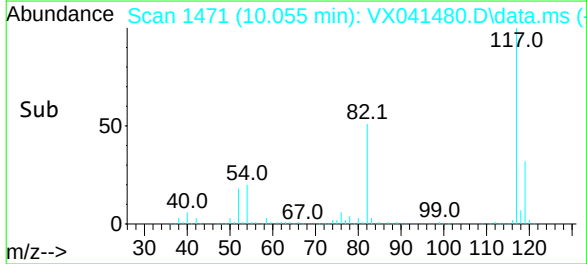
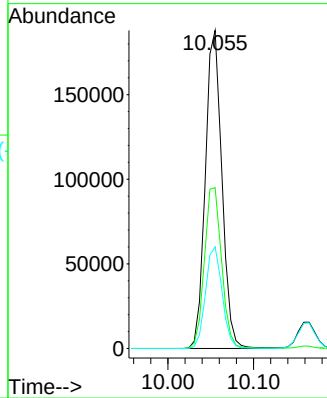
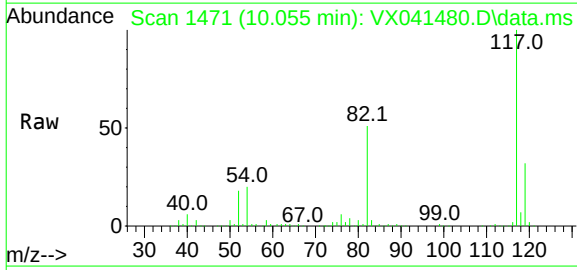
Tgt Ion:	117	Resp:	252598
Ion	Ratio	Lower	Upper
117	100		
82	50.6	46.2	69.4
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#64

Tetrachloroethene

Concen: 18.339 ug/l

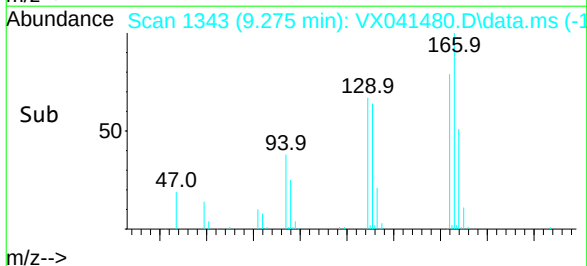
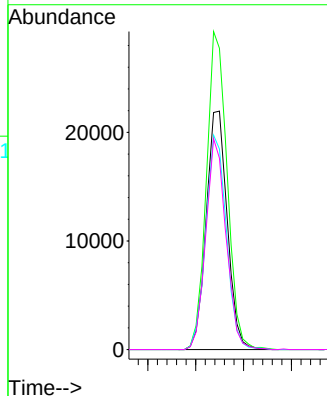
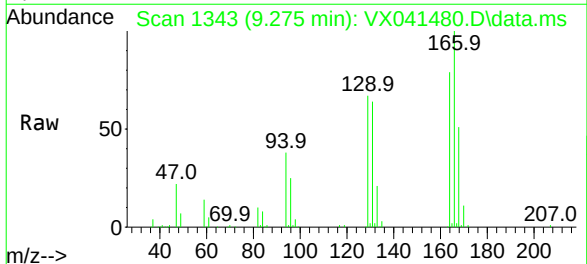
RT: 9.275 min Scan# 1343

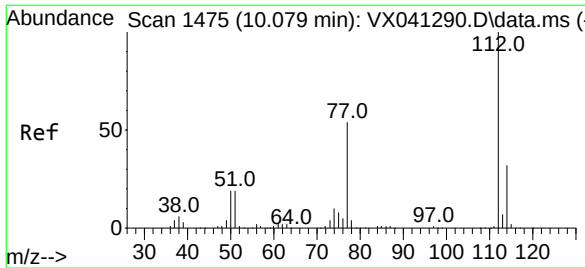
Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Tgt Ion:	164	Resp:	33544
Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.7	154.1
129	84.1	80.4	120.6
131	80.3	76.5	114.7





#65

Chlorobenzene

Concen: 19.090 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion:112 Resp: 97896

Ion Ratio Lower Upper

112 100

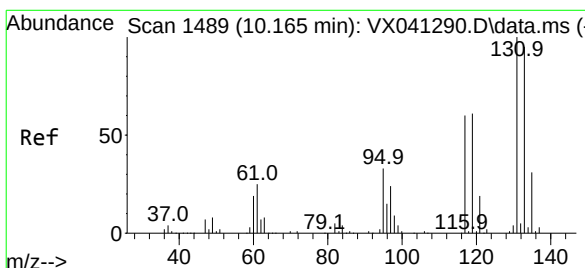
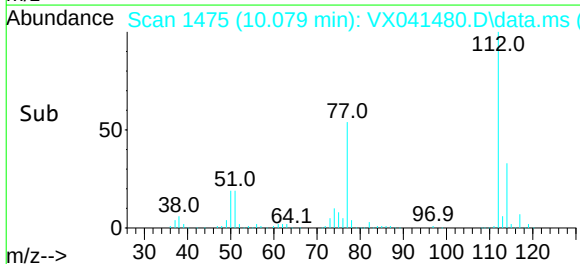
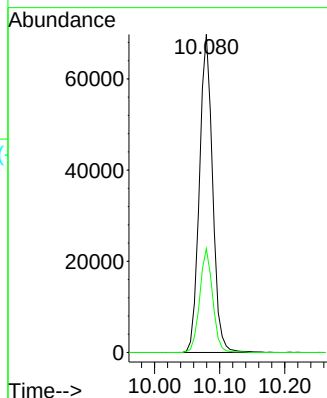
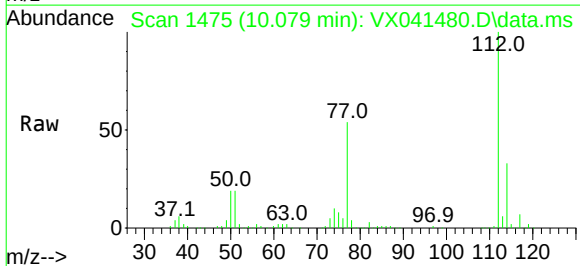
114 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.083 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

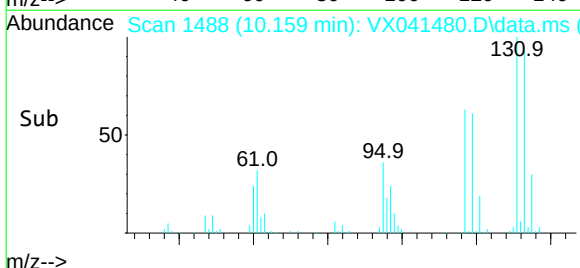
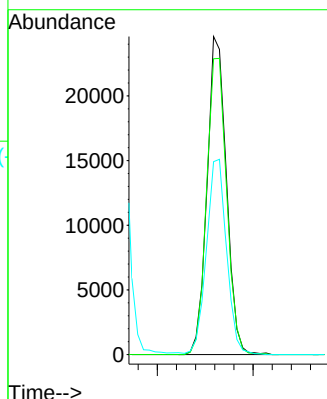
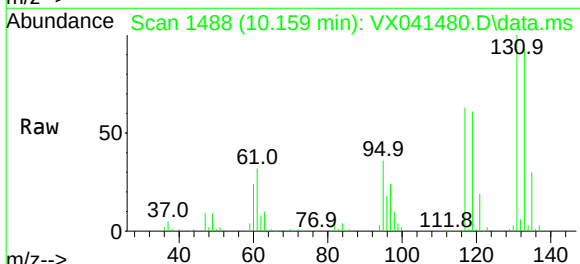
Tgt Ion:131 Resp: 34576

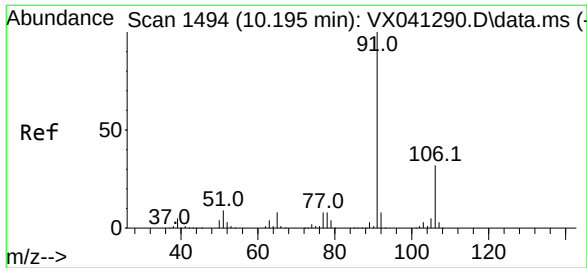
Ion Ratio Lower Upper

131 100

133 96.2 47.1 141.4

119 63.7 32.2 96.6





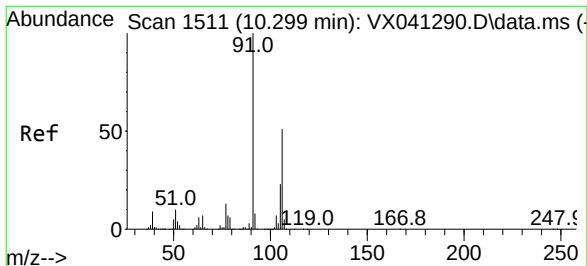
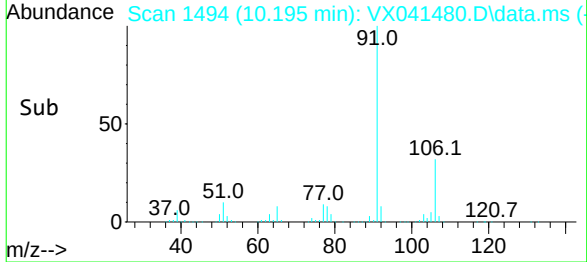
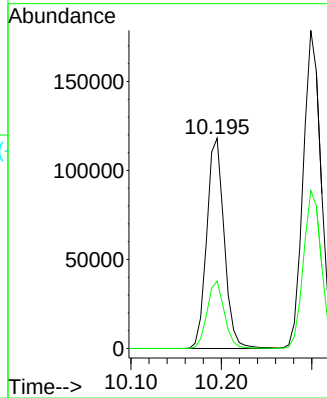
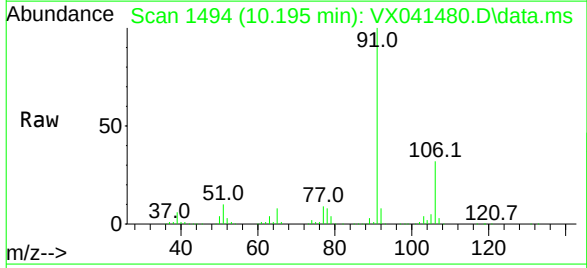
#67
Ethyl Benzene
Concen: 18.720 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion: 91 Resp: 158377
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

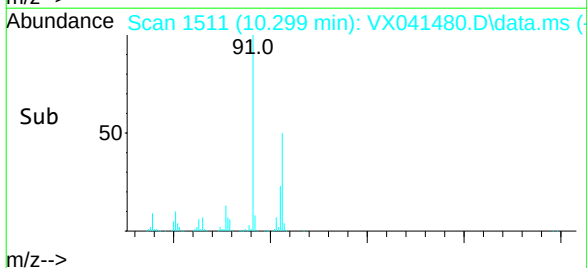
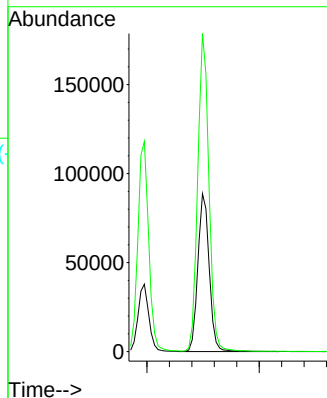
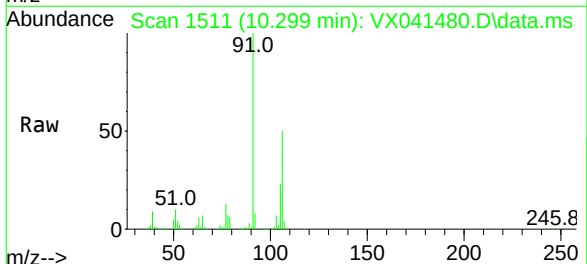
Manual Integrations
APPROVED

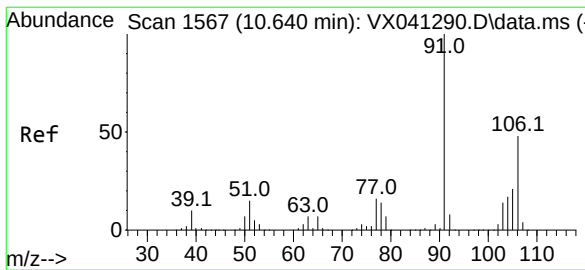
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#68
m/p-Xylenes
Concen: 36.759 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion:106 Resp: 124538
Ion Ratio Lower Upper
106 100
91 198.1 165.5 248.3





#69

o-Xylene

Concen: 18.301 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion:106 Resp: 59366

Ion Ratio Lower Upper

106 100

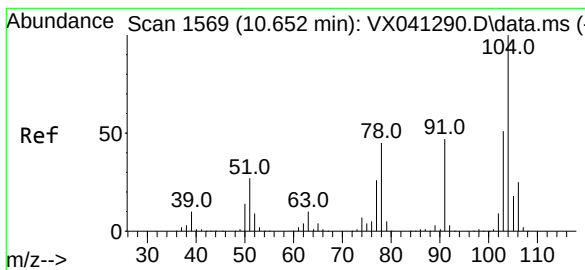
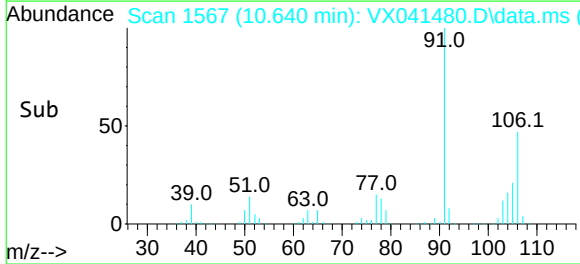
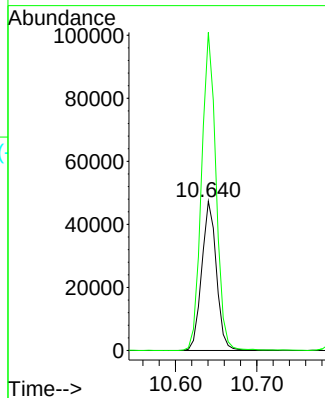
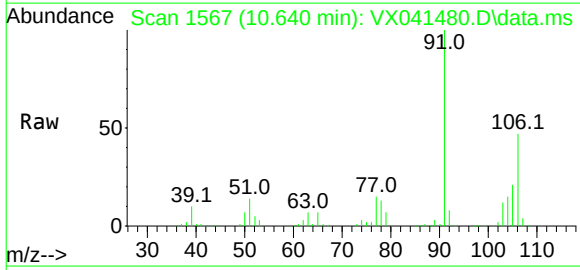
91 210.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#70

Styrene

Concen: 18.514 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

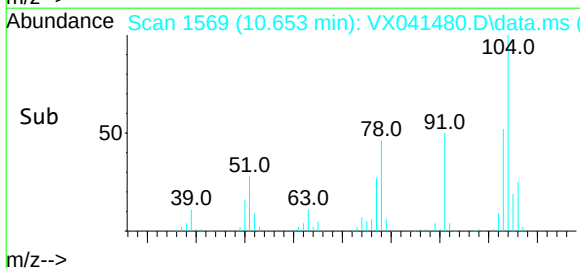
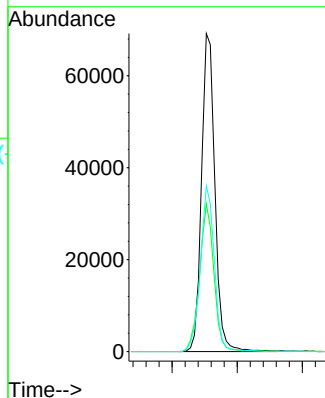
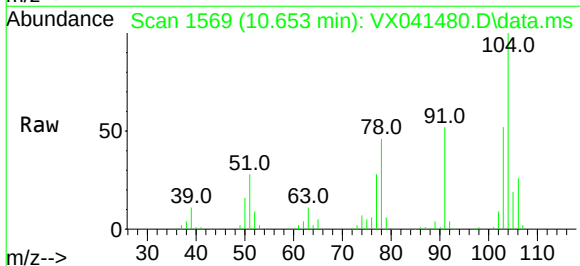
Tgt Ion:104 Resp: 98550

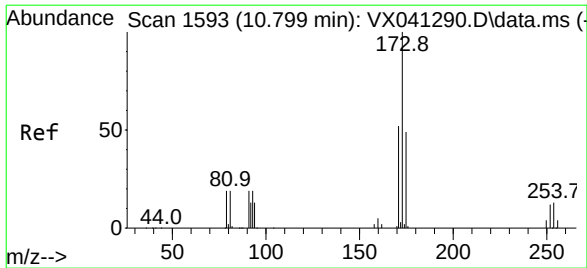
Ion Ratio Lower Upper

104 100

78 49.9 43.6 65.4

103 54.6 43.6 65.4





#71

Bromoform

Concen: 18.083 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

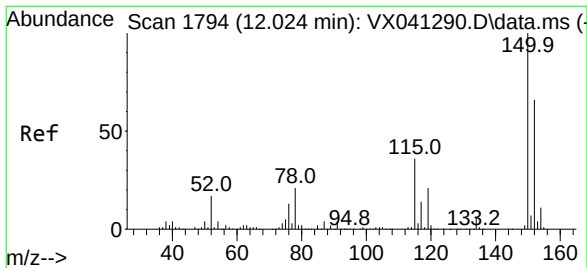
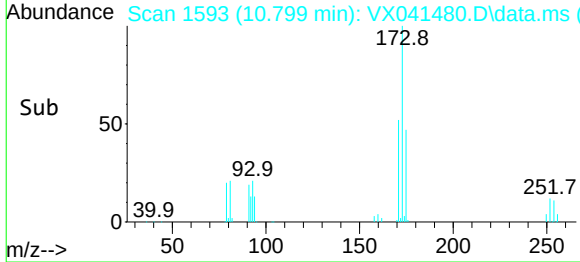
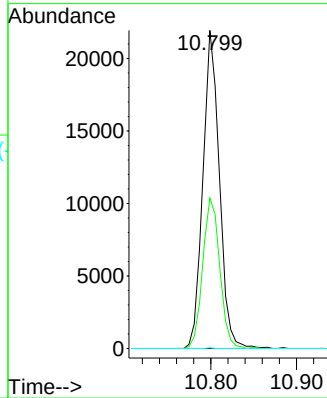
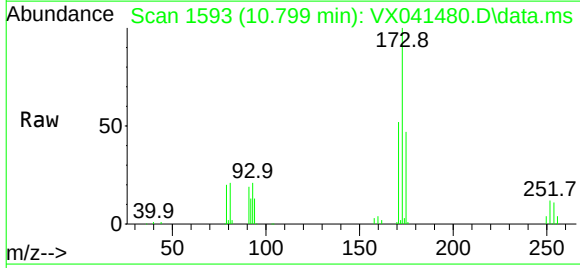
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

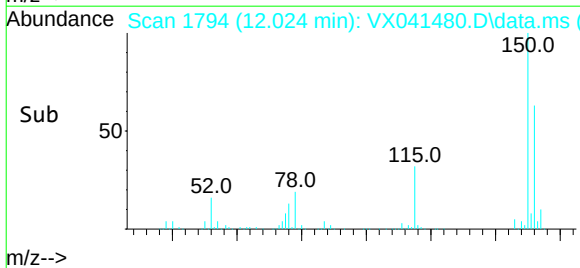
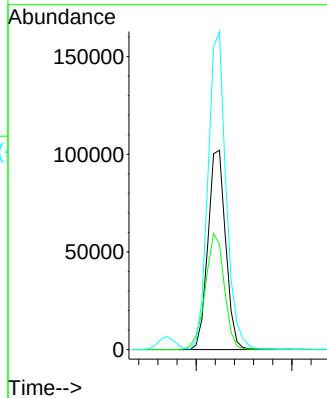
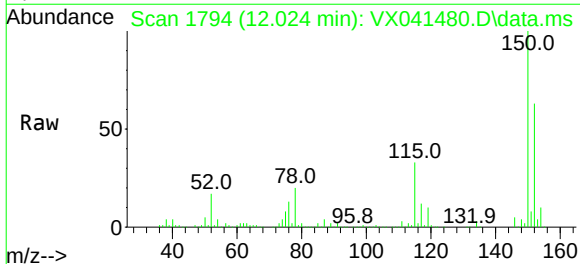
RT: 12.024 min Scan# 1794

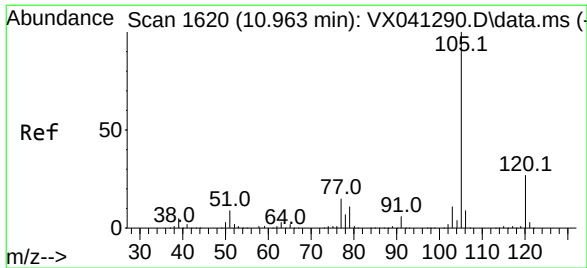
Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	43.3	129.9
150	162.3	0.0	345.0





#73

Isopropylbenzene

Concen: 20.419 ug/l

RT: 10.963 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion:105 Resp: 163608

Ion Ratio Lower Upper

105 100

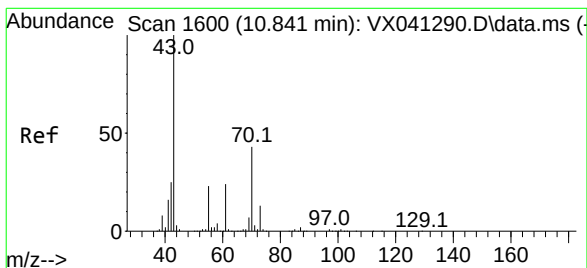
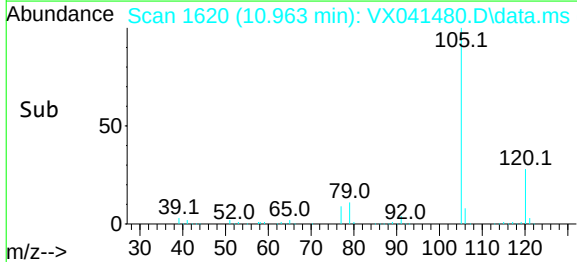
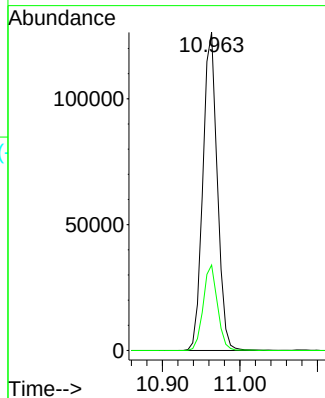
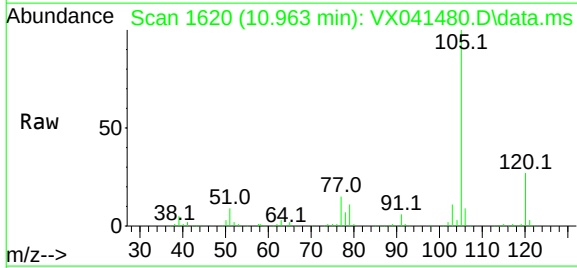
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#74

N-ethyl acetate

Concen: 19.679 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Tgt Ion: 43 Resp: 68887

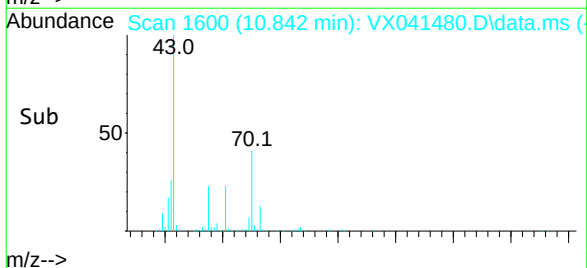
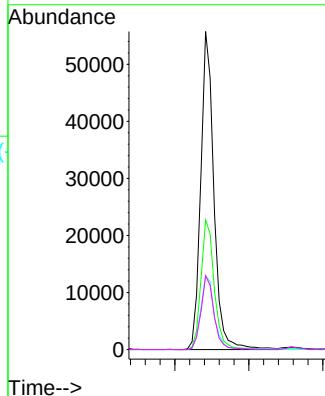
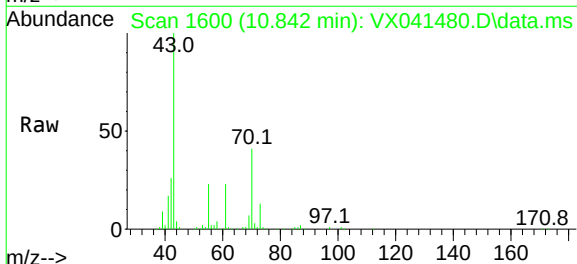
Ion Ratio Lower Upper

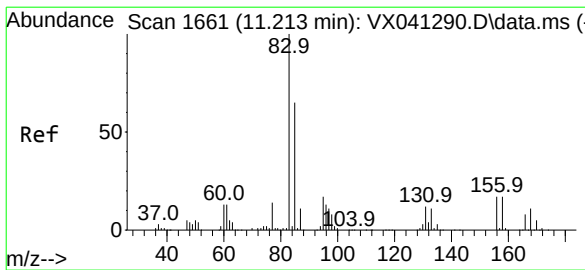
43 100

70 41.3 32.9 49.3

55 24.0 19.3 28.9

61 23.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.589 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

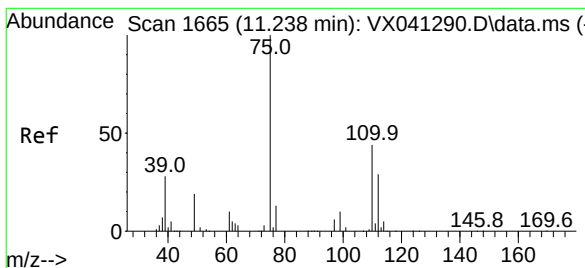
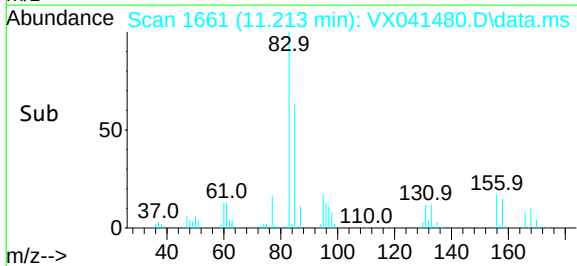
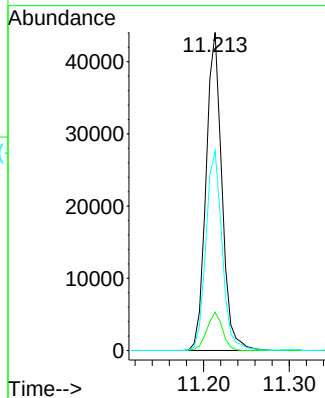
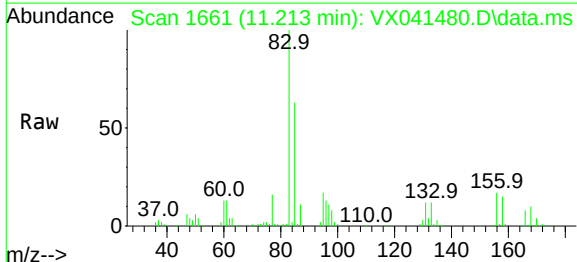
Tgt Ion:	83	Resp:	56682
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.3	15.8
85	64.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#76

1,2,3-Trichloropropane

Concen: 21.335 ug/l m

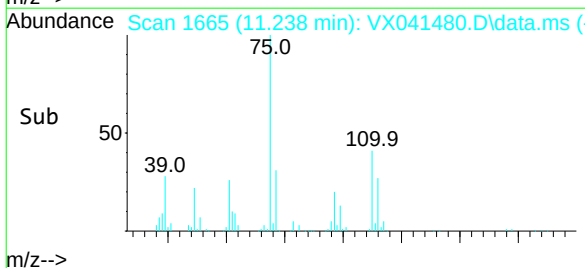
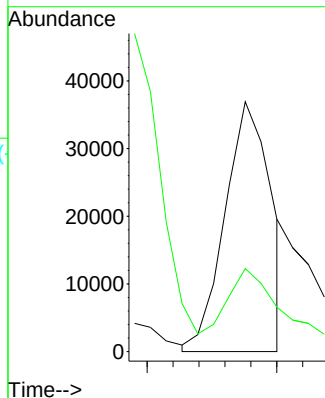
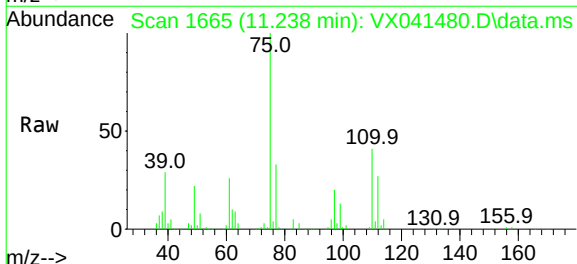
RT: 11.238 min Scan# 1665

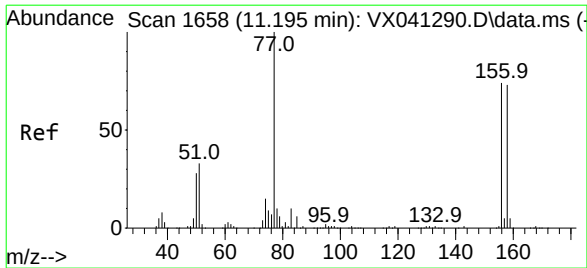
Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Tgt Ion:	75	Resp:	45639
Ion	Ratio	Lower	Upper
75	100		
77	43.1	19.1	57.5





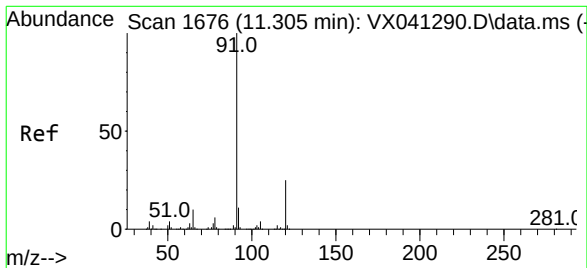
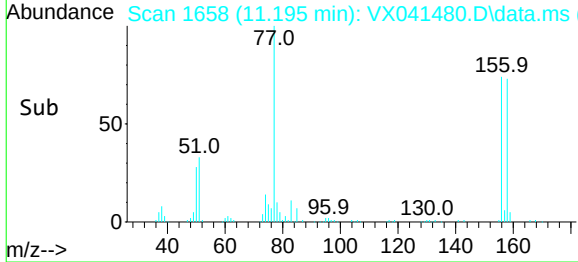
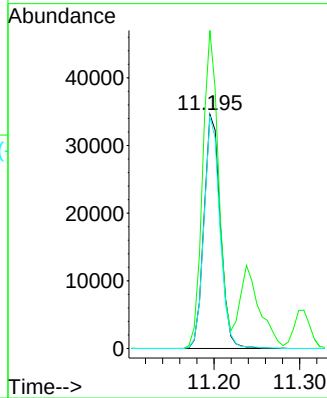
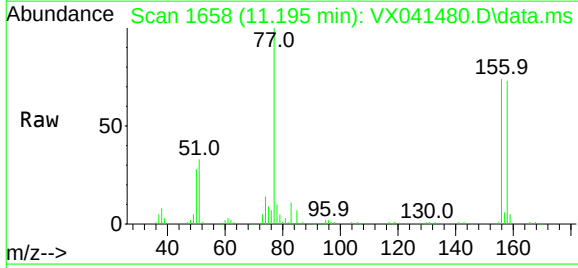
#77
Bromobenzene
Concen: 20.267 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Tgt Ion:156 Resp: 45832
Ion Ratio Lower Upper
156 100
77 132.8 88.4 265.3
158 97.1 48.0 144.0

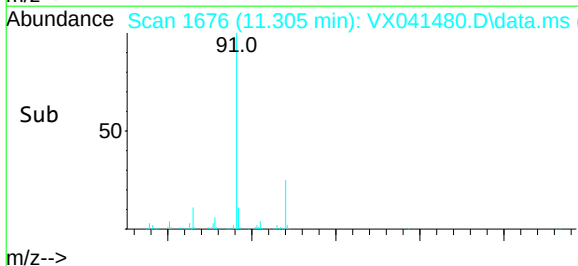
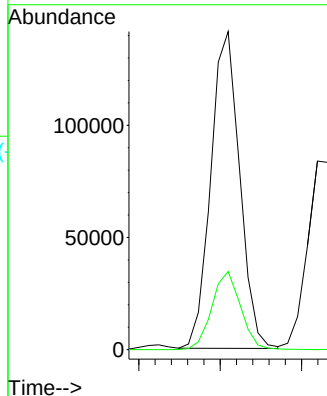
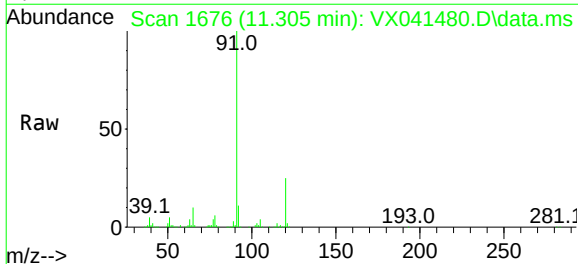
Manual Integrations
APPROVED

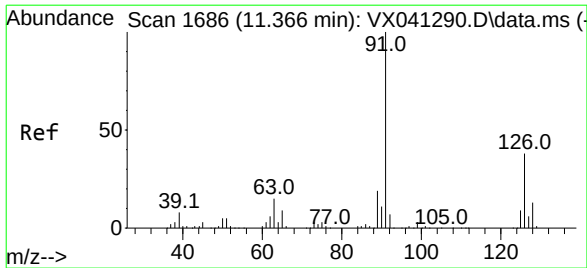
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#78
n-propylbenzene
Concen: 20.716 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion: 91 Resp: 174334
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.461 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.006 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion: 91 Resp: 110960

Ion Ratio Lower Upper

91 100

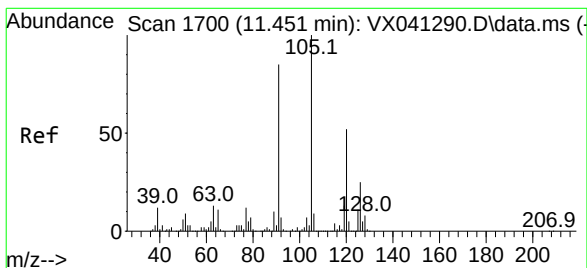
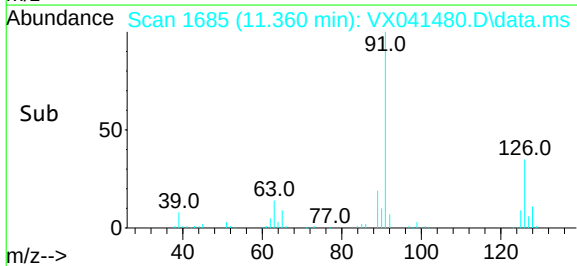
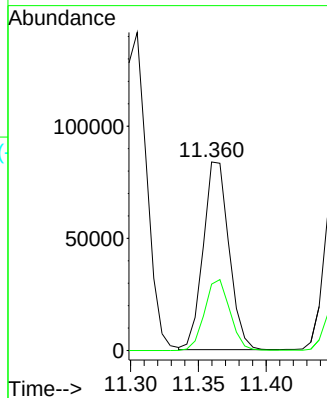
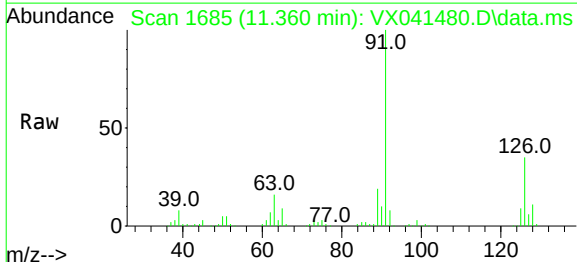
126 37.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.647 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041480.D

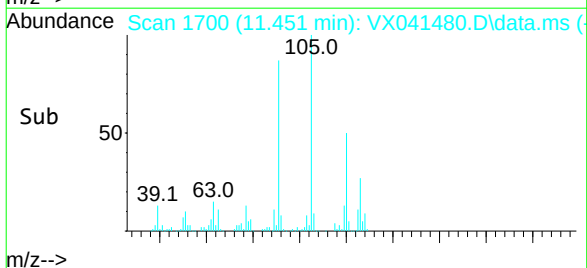
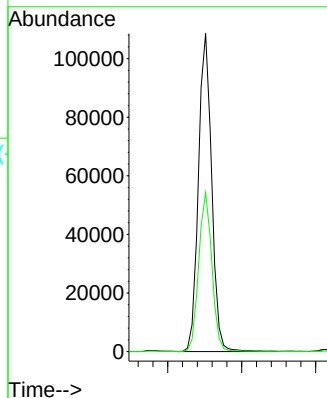
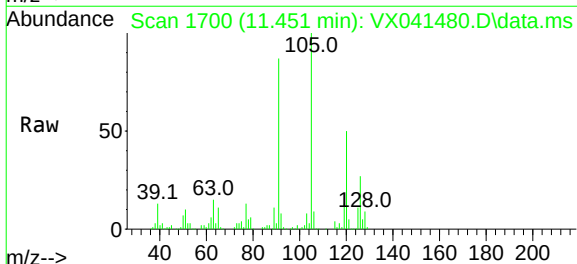
Acq: 13 May 2024 10:24

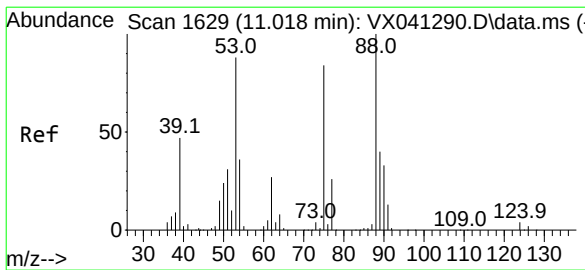
Tgt Ion:105 Resp: 134863

Ion Ratio Lower Upper

105 100

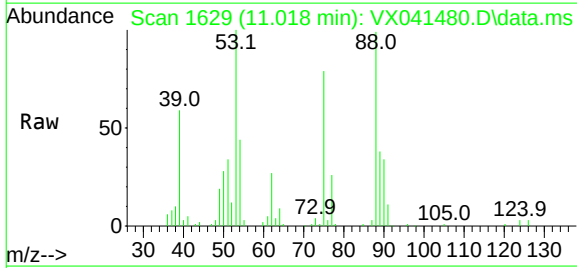
120 50.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.516 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

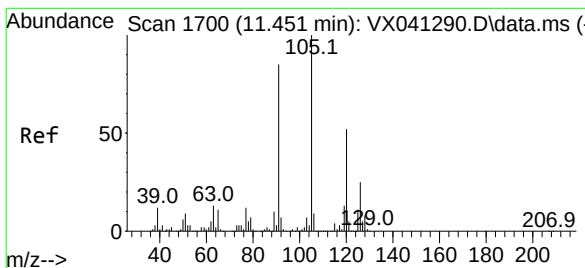
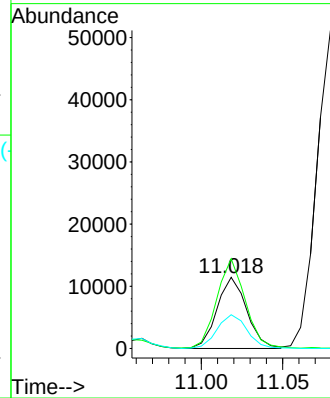
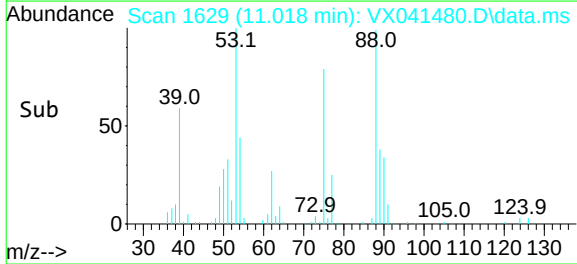
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	119.9	90.5	135.7
89	48.1	36.9	55.3

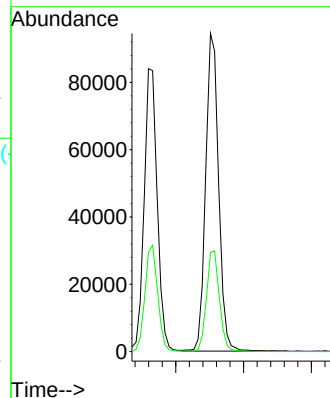
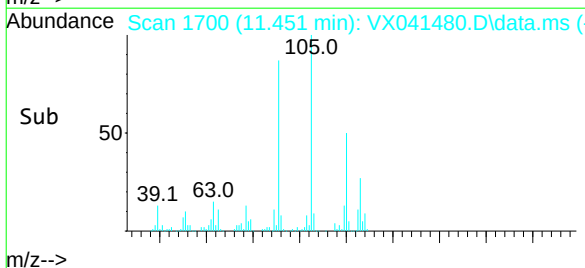
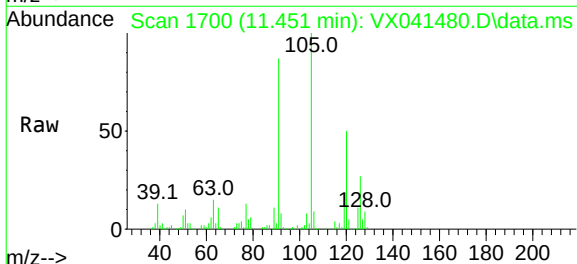
Manual Integrations
APPROVED

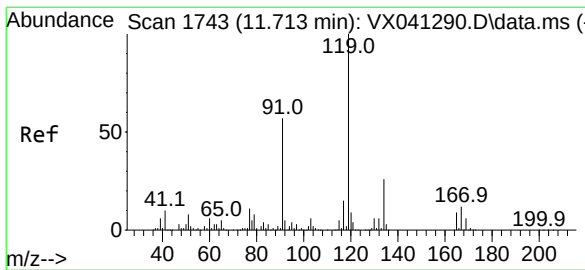
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#82
4-Chlorotoluene
Concen: 20.279 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	14.2	42.6





#83

tert-Butylbenzene

Concen: 20.689 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion:119 Resp: 144707

Ion Ratio Lower Upper

119 100

91 55.8 31.2 93.6

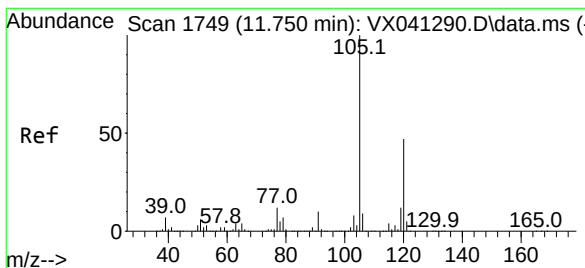
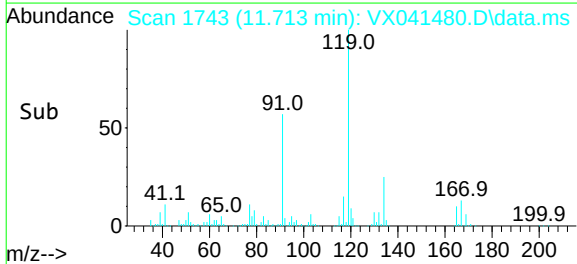
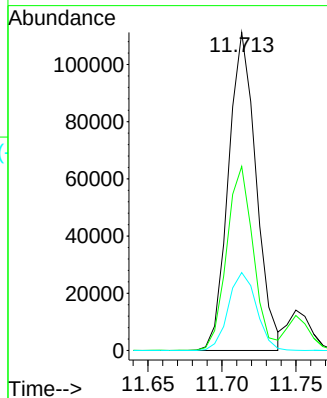
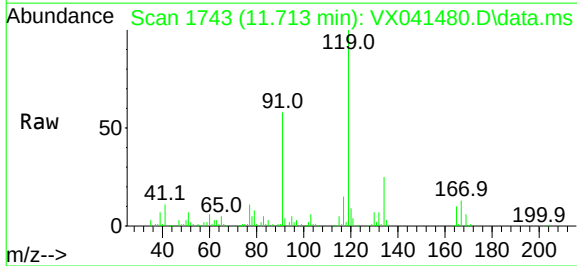
134 24.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.737 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041480.D

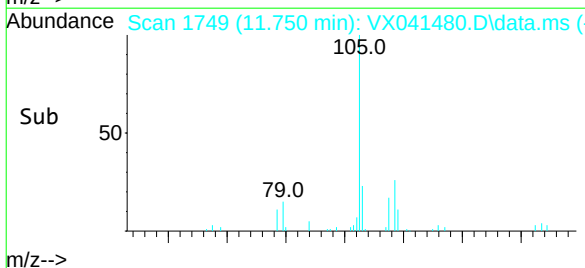
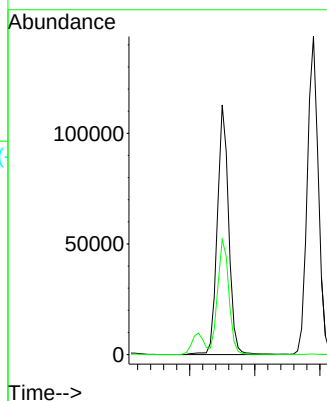
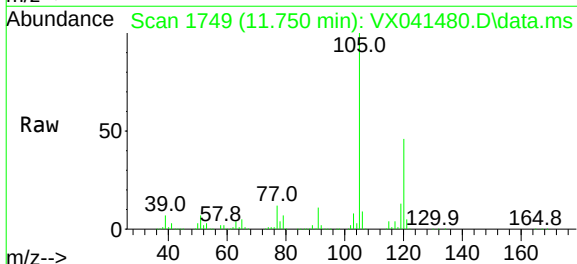
Acq: 13 May 2024 10:24

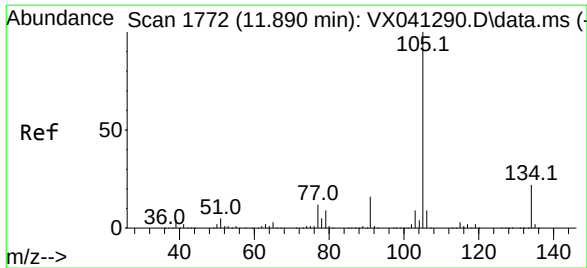
Tgt Ion:105 Resp: 136288

Ion Ratio Lower Upper

105 100

120 45.6 21.2 63.6





#85

sec-Butylbenzene

Concen: 21.111 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

Tgt Ion:105 Resp: 169221

Ion Ratio Lower Upper

105 100

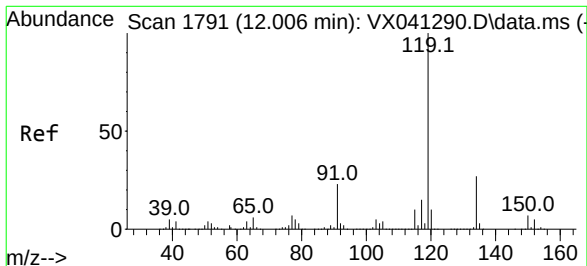
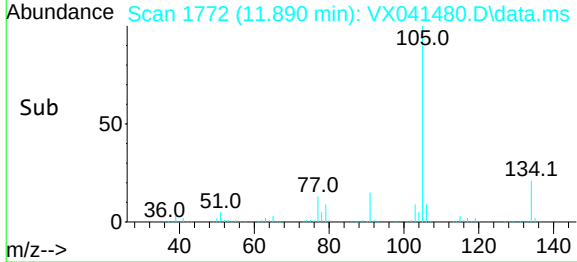
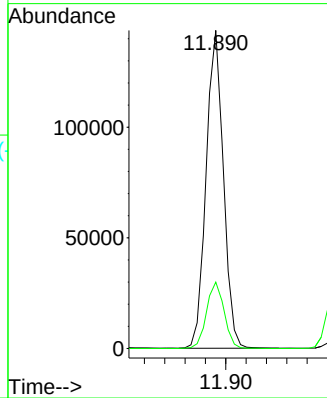
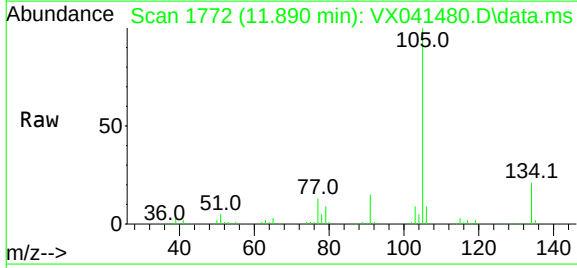
134 21.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#86

p-Isopropyltoluene

Concen: 19.889 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

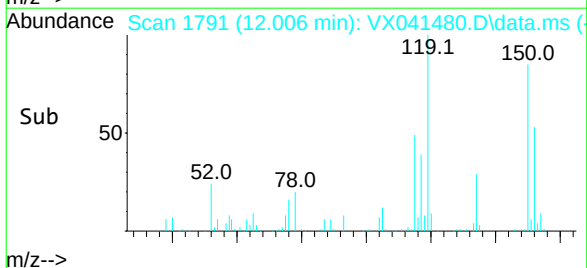
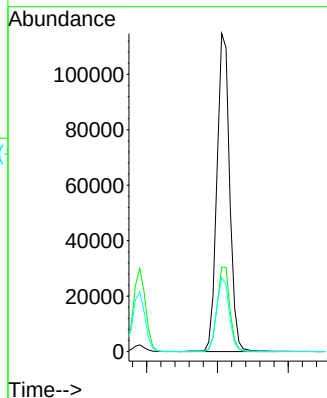
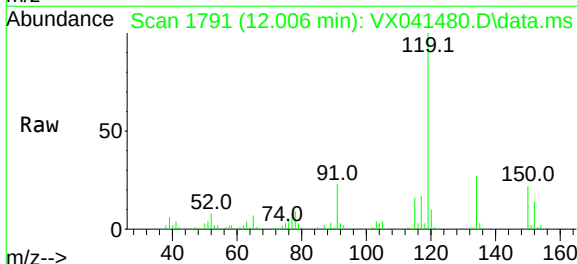
Tgt Ion:119 Resp: 143181

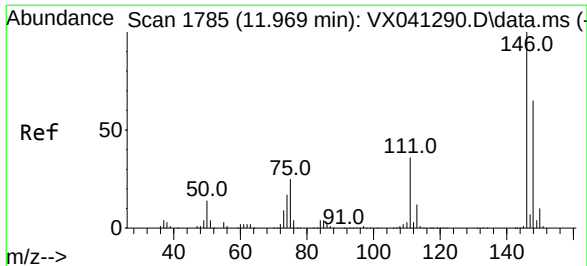
Ion Ratio Lower Upper

119 100

134 26.6 12.8 38.3

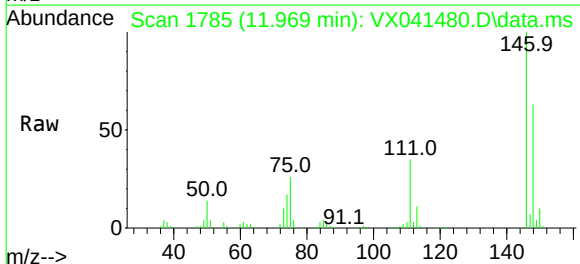
91 23.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 19.560 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

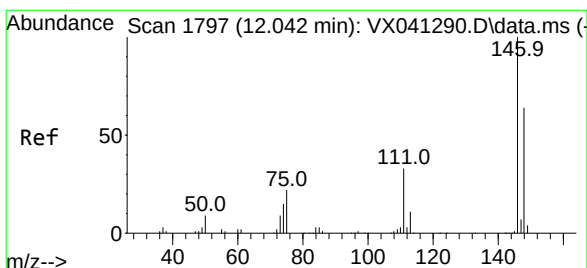
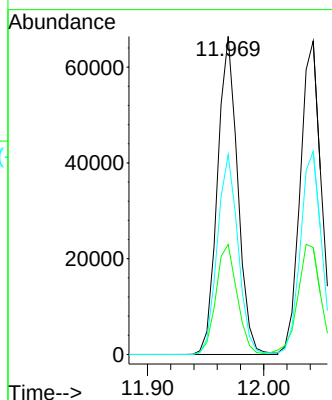
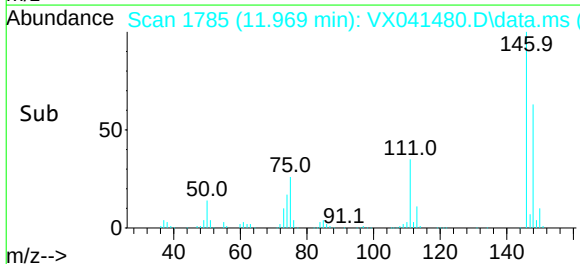
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion:146 Resp: 80400
Ion Ratio Lower Upper
146 100
111 36.3 22.1 66.1
148 64.3 31.8 95.3

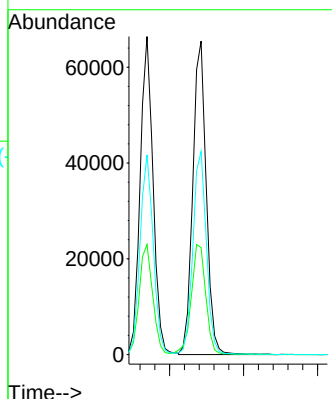
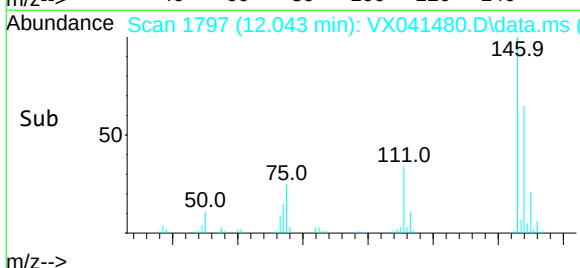
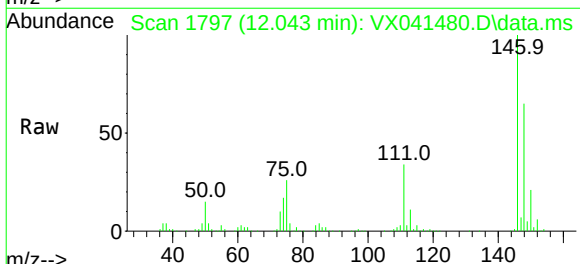
Manual Integrations
APPROVED

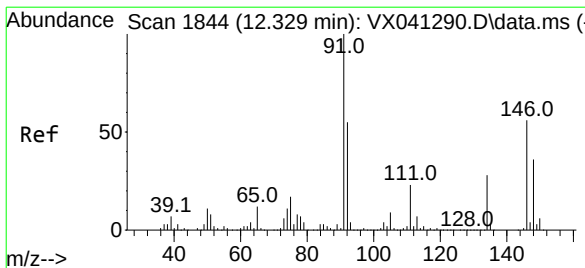
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#88
1,4-Dichlorobenzene
Concen: 19.560 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion:146 Resp: 82836
Ion Ratio Lower Upper
146 100
111 38.2 21.3 63.7
148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 19.617 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041480.D

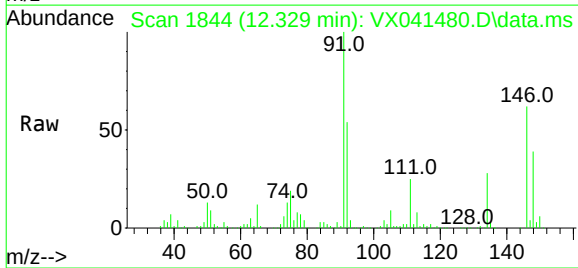
Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01



Tgt Ion: 91 Resp: 113560

Ion Ratio Lower Upper

91 100

92 54.1 27.4 82.0

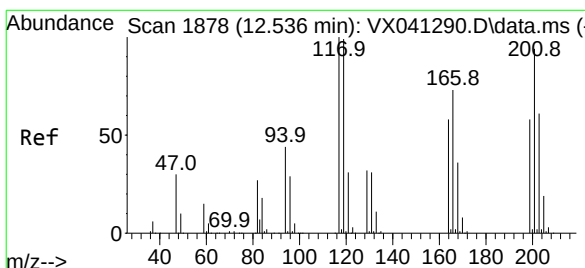
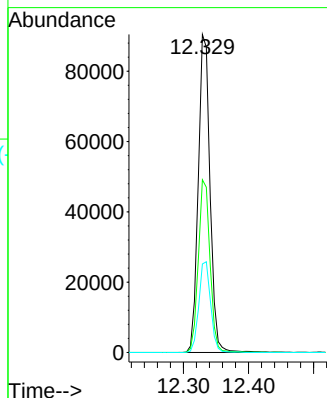
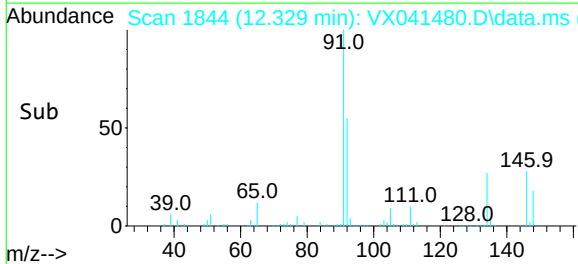
134 28.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#90

Hexachloroethane

Concen: 19.157 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041480.D

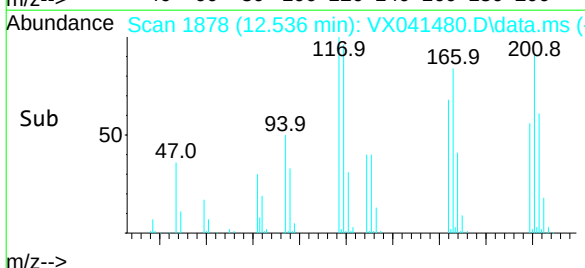
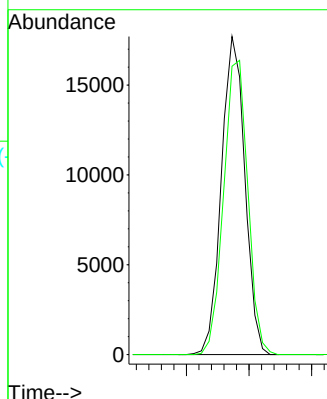
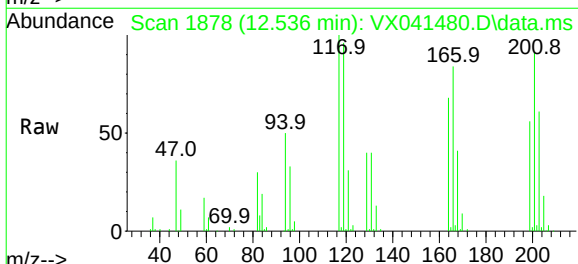
Acq: 13 May 2024 10:24

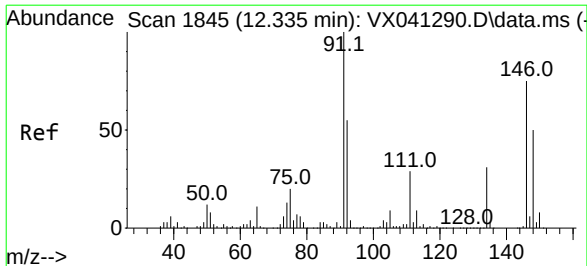
Tgt Ion:117 Resp: 23064

Ion Ratio Lower Upper

117 100

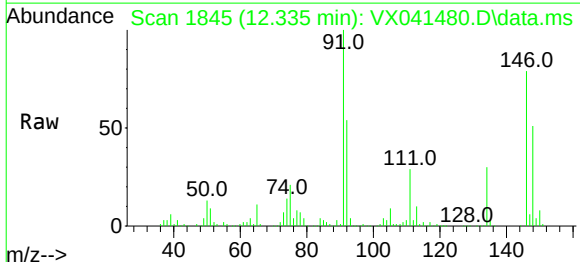
201 95.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.929 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

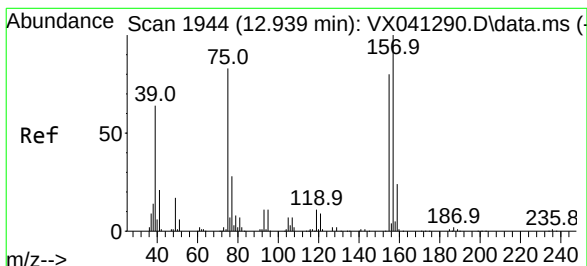
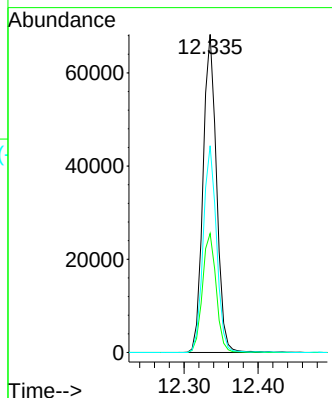
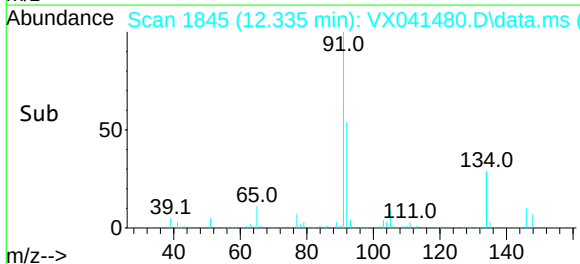
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



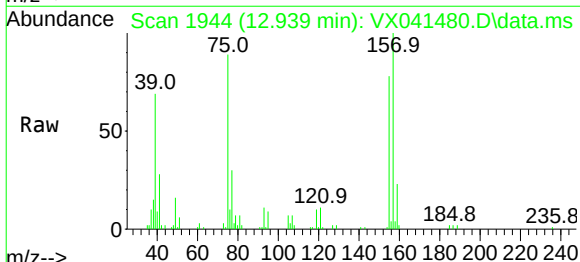
Tgt Ion:146 Resp: 86524
Ion Ratio Lower Upper
146 100
111 38.0 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
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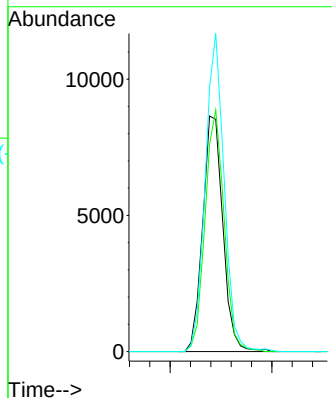
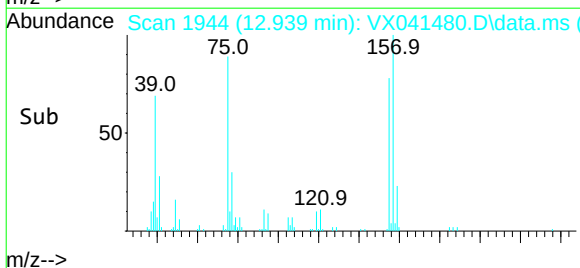
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

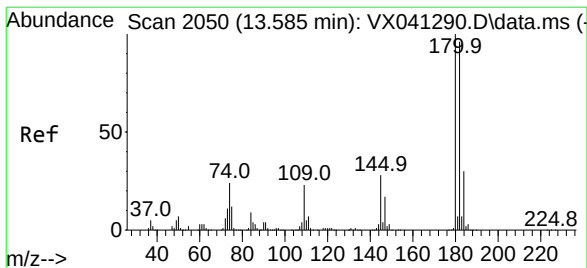


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.620 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24



Tgt Ion: 75 Resp: 11903
Ion Ratio Lower Upper
75 100
155 96.9 36.1 108.5
157 126.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.400 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS01

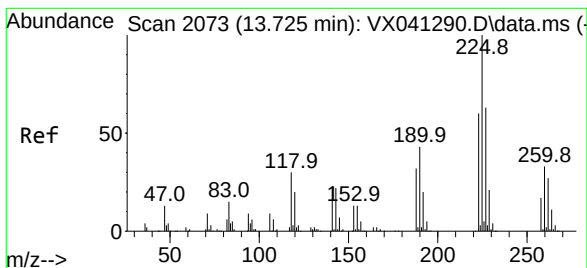
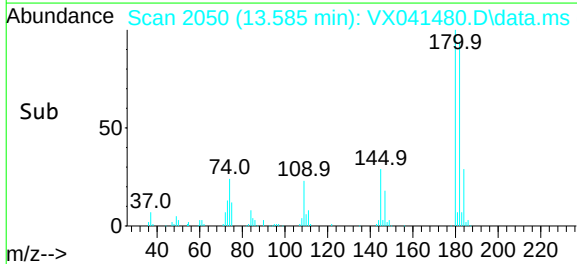
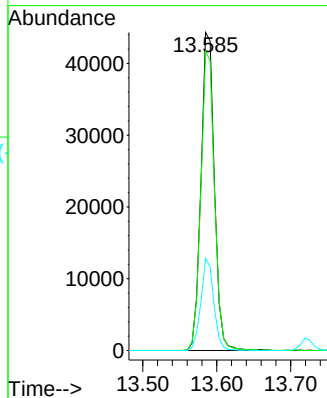
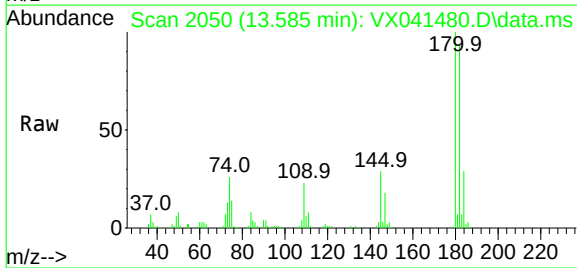
Tgt Ion:	180	Resp:	55839
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.3	144.8
145	27.8	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#94

Hexachlorobutadiene

Concen: 18.591 ug/l

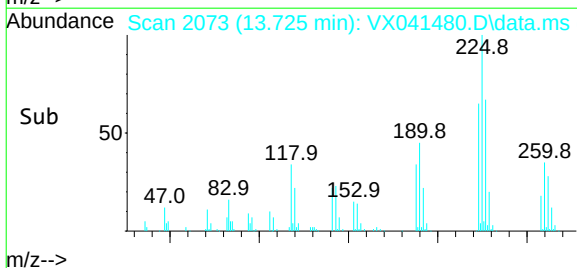
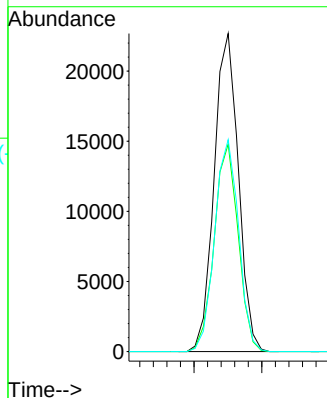
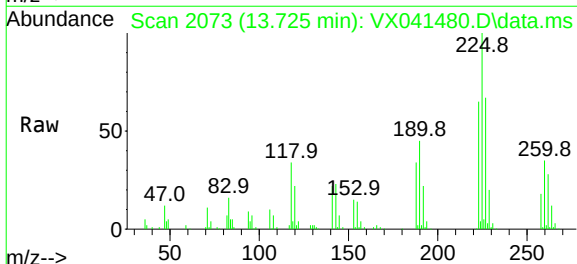
RT: 13.725 min Scan# 2073

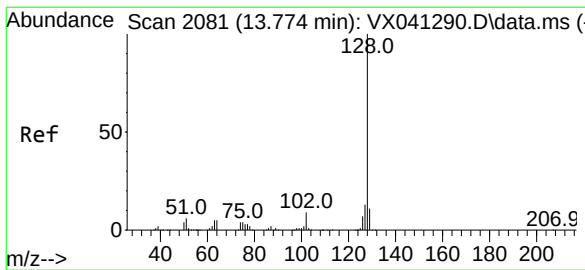
Delta R.T. 0.000 min

Lab File: VX041480.D

Acq: 13 May 2024 10:24

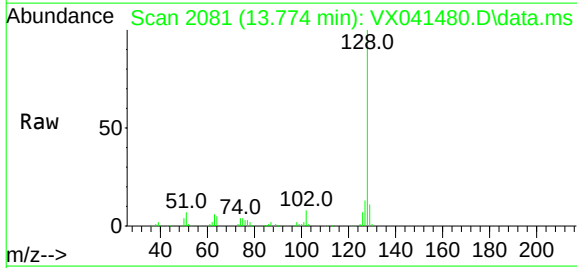
Tgt Ion:	225	Resp:	28174
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.1	93.2
227	66.0	32.5	97.5





#95
Naphthalene
Concen: 18.853 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

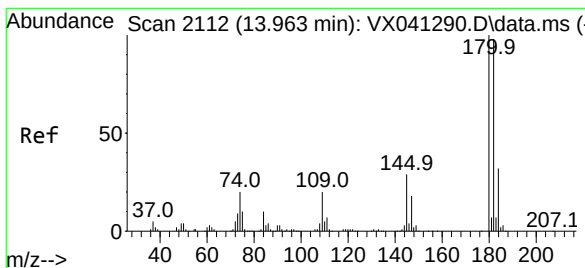
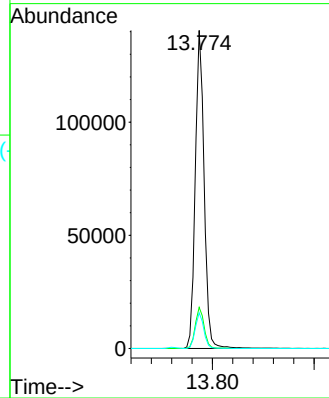
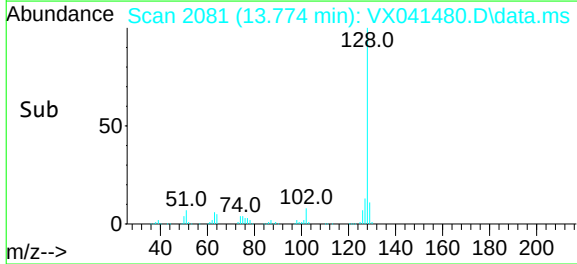
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01



Tgt Ion:128 Resp: 169554
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 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.720 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX041480.D
Acq: 13 May 2024 10:24

Tgt Ion:180 Resp: 58062
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 29.4 17.8 53.5

