

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036369.D
 Acq On : 29 Jun 2023 11:27
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Quant Time: Jun 30 01:27:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/30/2023
 Supervised By : Mahesh Dadoda 06/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	218550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	364991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	159155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156752	50.036	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.080%	
35) Dibromofluoromethane	5.385	113	127886	53.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	8.647	98	465552	51.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.079	95	171984	54.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	37044	17.904	ug/l	96
3) Chloromethane	1.295	50	51597	14.375	ug/l	99
4) Vinyl Chloride	1.374	62	58048	14.793	ug/l	98
5) Bromomethane	1.618	94	44824	15.611	ug/l	98
6) Chloroethane	1.691	64	46818	16.252	ug/l	95
7) Trichlorofluoromethane	1.886	101	102936	17.254	ug/l	98
8) Diethyl Ether	2.130	74	38523	16.727	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	47659	19.035	ug/l	95
10) Methyl Iodide	2.453	142	52529	17.314	ug/l	92
11) Tert butyl alcohol	3.002	59	58672	102.888	ug/l	98
12) 1,1-Dichloroethene	2.319	96	44958	18.101	ug/l	90
13) Acrolein	2.239	56	61014	77.907	ug/l	99
14) Allyl chloride	2.666	41	76092	18.851	ug/l	98
15) Acrylonitrile	3.069	53	128710	89.047	ug/l	99
16) Acetone	2.398	43	116706	87.157	ug/l	96
17) Carbon Disulfide	2.514	76	97821	16.036	ug/l	99
18) Methyl Acetate	2.709	43	101098	18.360	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	157328	19.600	ug/l	100
20) Methylene Chloride	2.788	84	51238	17.772	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47601	17.960	ug/l	91
22) Diisopropyl ether	3.757	45	159588	19.731	ug/l	90
23) Vinyl Acetate	3.721	43	567794	96.735	ug/l	98
24) 1,1-Dichloroethane	3.611	63	90664	19.020	ug/l	99
25) 2-Butanone	4.562	43	175883	91.419	ug/l	95
26) 2,2-Dichloropropane	4.477	77	74676	22.089	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56710	19.079	ug/l	93
28) Bromochloromethane	4.898	49	50205	20.309	ug/l	87
29) Tetrahydrofuran	5.013	42	111462	90.998	ug/l	94
30) Chloroform	5.087	83	93526	19.480	ug/l	94
31) Cyclohexane	5.465	56	73414	18.287	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	80582	20.094	ug/l	99
36) 1,1-Dichloropropene	5.690	75	67868	18.918	ug/l	98
37) Ethyl Acetate	4.715	43	69918	19.122	ug/l	97
38) Carbon Tetrachloride	5.672	117	67313	20.544	ug/l	98
39) Methylcyclohexane	7.379	83	79488	18.499	ug/l	99
40) Benzene	6.038	78	195817	19.540	ug/l	99

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Quant Time: Jun 30 01:27:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38571	19.016	ug/l	94
42) 1,2-Dichloroethane	6.080	62	77669	20.377	ug/l	98
43) Isopropyl Acetate	6.336	43	116802	20.025	ug/l	98
44) Trichloroethene	7.123	130	54593	19.586	ug/l	97
45) 1,2-Dichloropropane	7.428	63	54138	19.836	ug/l	97
46) Dibromomethane	7.580	93	36966	19.241	ug/l	92
47) Bromodichloromethane	7.818	83	69689	20.058	ug/l	96
48) Methyl methacrylate	7.690	41	55974	19.246	ug/l	90
49) 1,4-Dioxane	7.720	88	26360	408.855	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	362218	96.388	ug/l	98
52) Toluene	8.714	92	122899	19.351	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	74816	21.318	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	83022	20.926	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	53004	20.082	ug/l	97
56) Ethyl methacrylate	9.116	69	79601	20.163	ug/l	97
57) 1,3-Dichloropropane	9.305	76	88177	19.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	191455	86.292	ug/l	100
59) 2-Hexanone	9.427	43	271065	98.776	ug/l	98
60) Dibromochloromethane	9.519	129	53081	20.699	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56311	20.103	ug/l	95
64) Tetrachloroethene	9.275	164	48037	20.739	ug/l	97
65) Chlorobenzene	10.080	112	137688	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	51412	22.057	ug/l	98
67) Ethyl Benzene	10.195	91	243948	19.899	ug/l	97
68) m/p-Xylenes	10.299	106	189377	39.760	ug/l	96
69) o-Xylene	10.640	106	93386	20.303	ug/l	96
70) Styrene	10.653	104	148555	19.726	ug/l	96
71) Bromoform	10.799	173	35333	21.134	ug/l #	98
73) Isopropylbenzene	10.964	105	243648	20.314	ug/l	98
74) N-amyl acetate	10.842	43	97802	20.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78325	19.284	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64720m	19.064	ug/l	
77) Bromobenzene	11.195	156	58139	19.713	ug/l	94
78) n-propylbenzene	11.305	91	278214	19.862	ug/l	100
79) 2-Chlorotoluene	11.366	91	163398	19.609	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	201439	19.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20908	20.076	ug/l	98
82) 4-Chlorotoluene	11.451	91	191293	19.719	ug/l	96
83) tert-Butylbenzene	11.713	119	194083	19.938	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	200931	19.995	ug/l	97
85) sec-Butylbenzene	11.890	105	247940	20.105	ug/l	100
86) p-Isopropyltoluene	12.006	119	204714	19.780	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	109647	20.221	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	108477	19.647	ug/l	99
89) n-Butylbenzene	12.329	91	176248	19.135	ug/l	98
90) Hexachloroethane	12.536	117	30402	19.395	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	108780	20.374	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17313	22.441	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	68870	20.942	ug/l	96
94) Hexachlorobutadiene	13.725	225	28290	21.004	ug/l	96
95) Naphthalene	13.774	128	230513	21.217	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	68590	21.382	ug/l	98

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MSVOA_X
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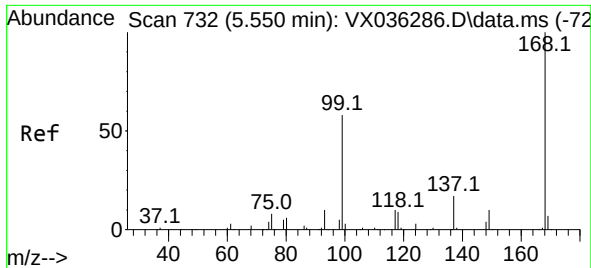
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:27:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

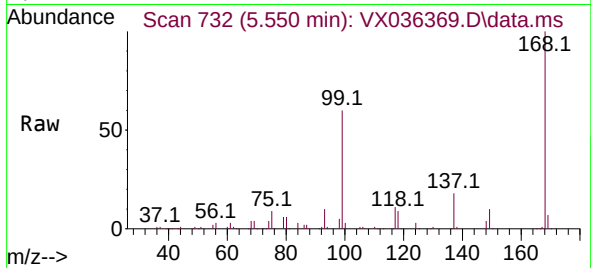
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
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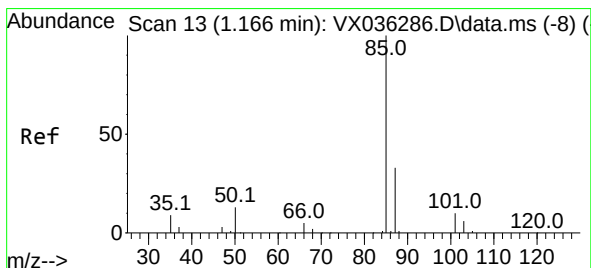
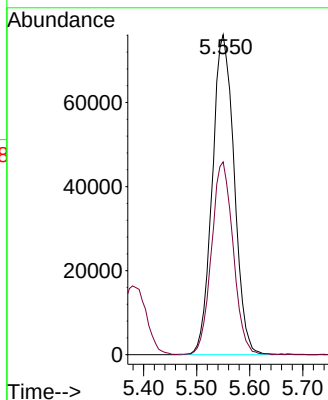
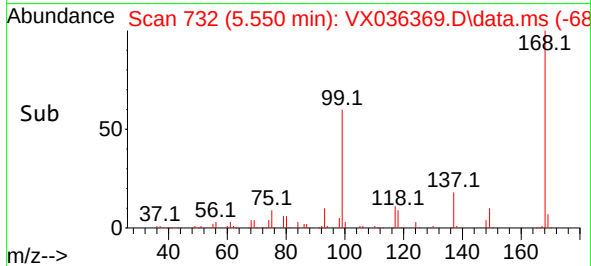
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion:168 Resp: 218550
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0

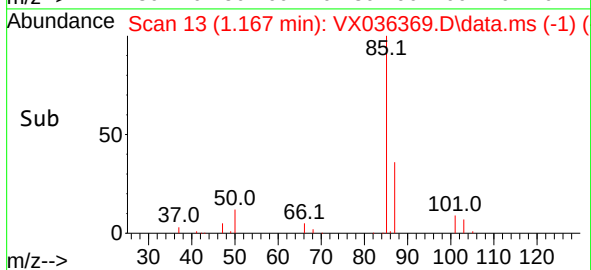
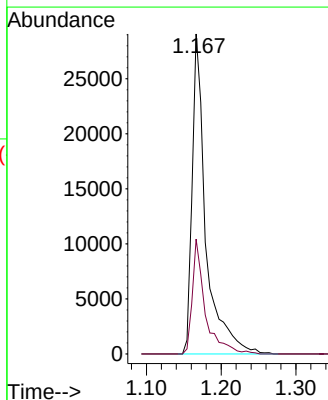
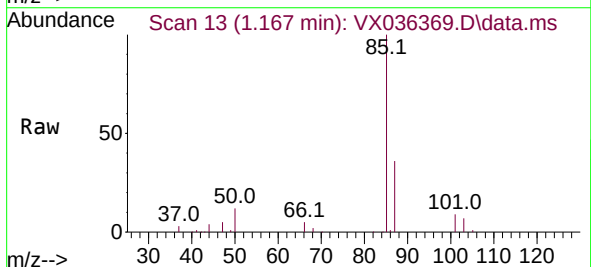
Manual Integrations
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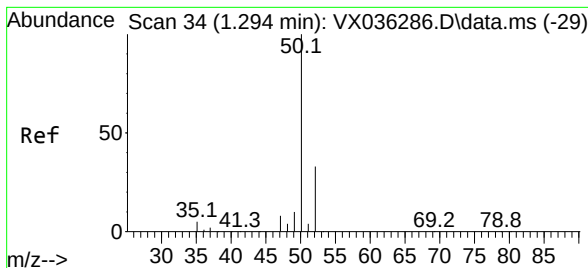
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#2
Dichlorodifluoromethane
Concen: 17.904 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 85 Resp: 37044
Ion Ratio Lower Upper
85 100
87 35.9 16.7 50.1





#3

Chloromethane

Concen: 14.375 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 50 Resp: 5159

Ion Ratio Lower Upper

50 100

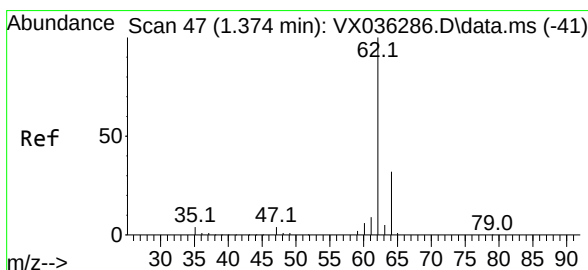
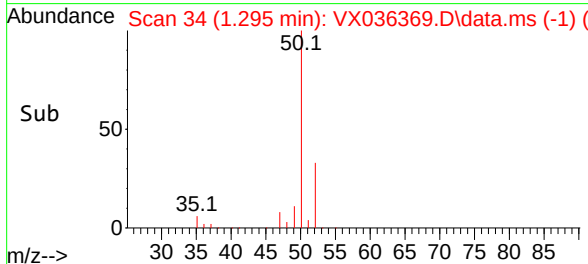
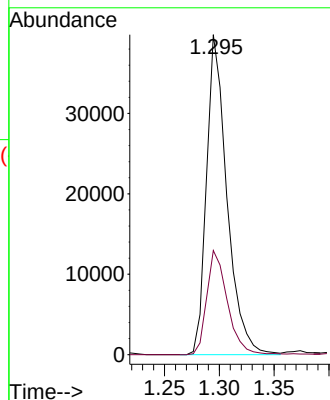
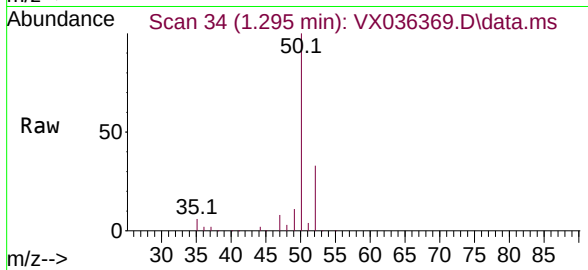
52 32.6 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#4

Vinyl Chloride

Concen: 14.793 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036369.D

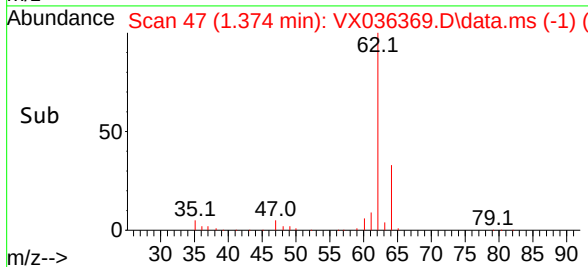
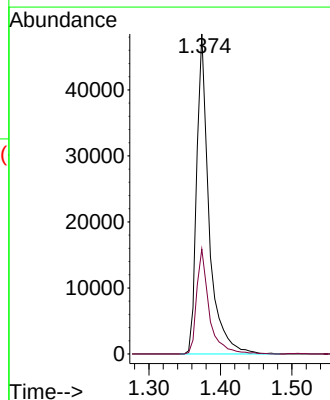
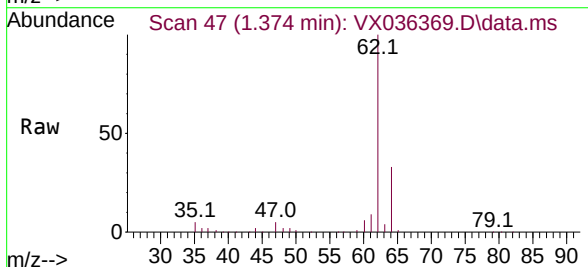
Acq: 29 Jun 2023 11:27

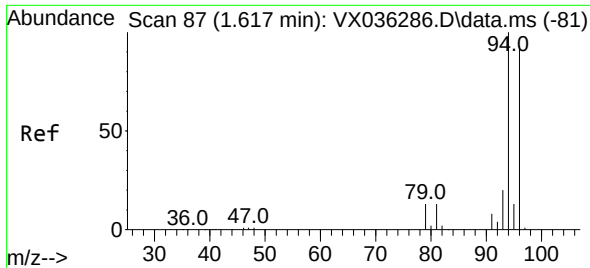
Tgt Ion: 62 Resp: 58048

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





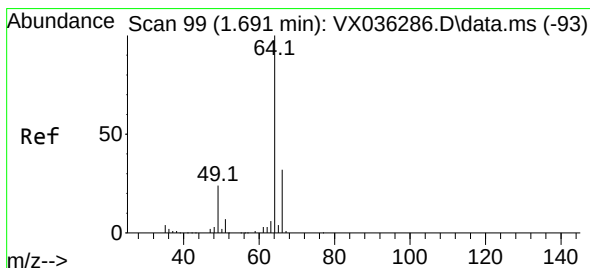
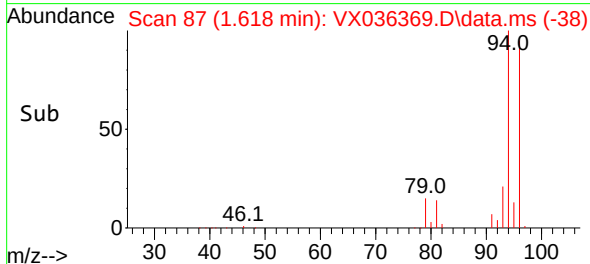
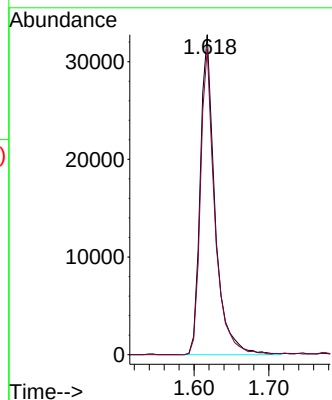
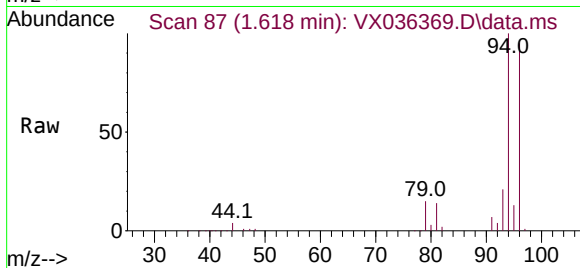
#5
Bromomethane
Concen: 15.611 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion: 94 Resp: 44824
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8

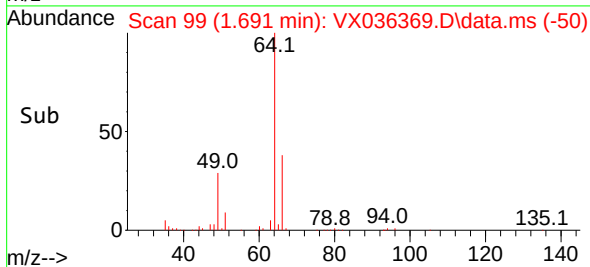
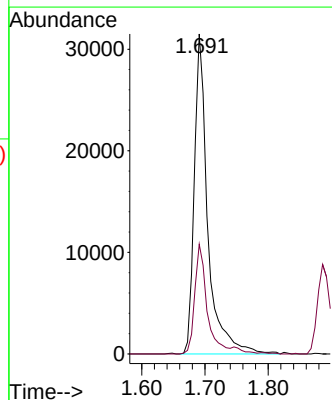
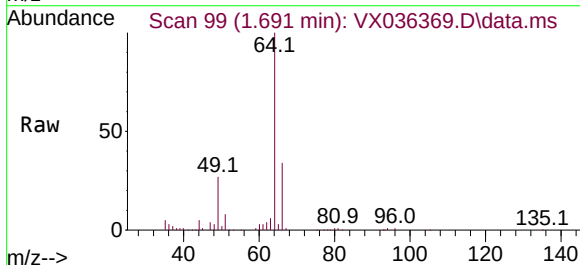
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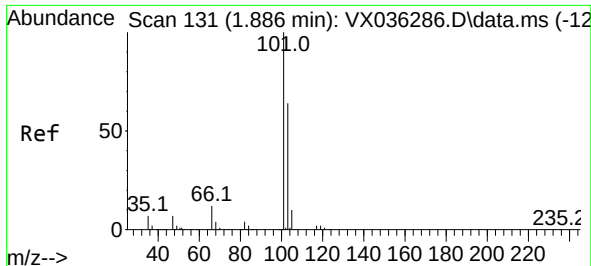
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#6
Chloroethane
Concen: 16.252 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

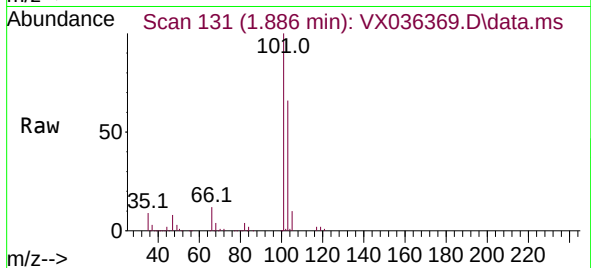
Tgt Ion: 64 Resp: 46818
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 17.254 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036369.D
 Acq: 29 Jun 2023 11:27

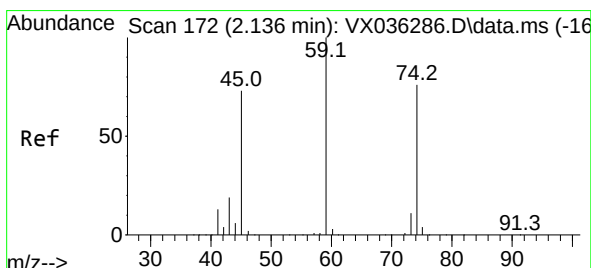
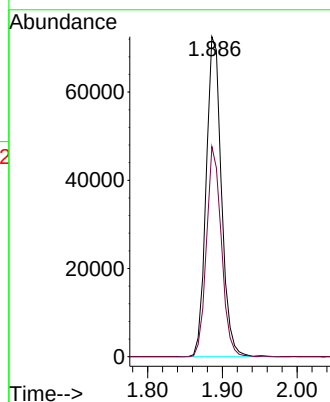
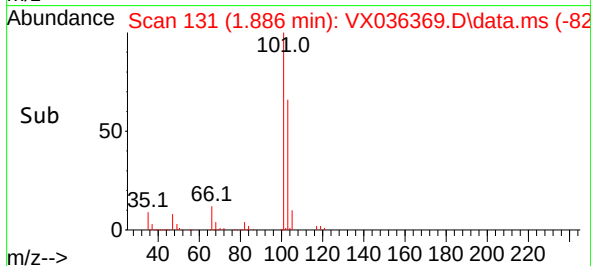
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01



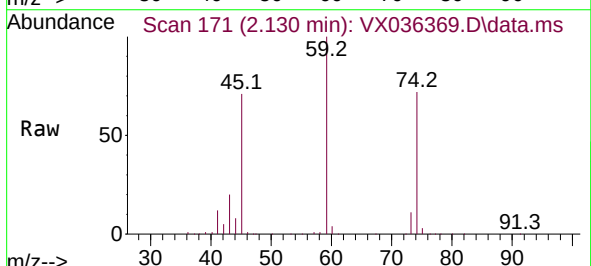
Tgt Ion: 101 Resp: 102930
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2

Manual Integrations
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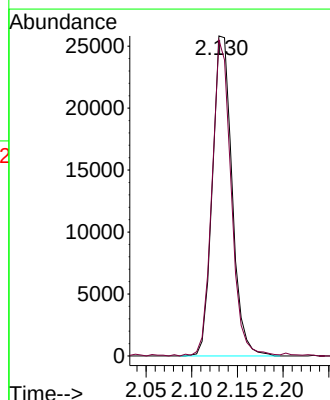
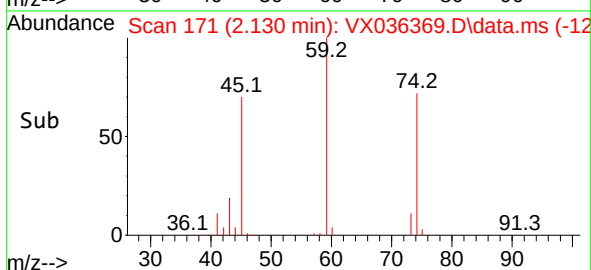
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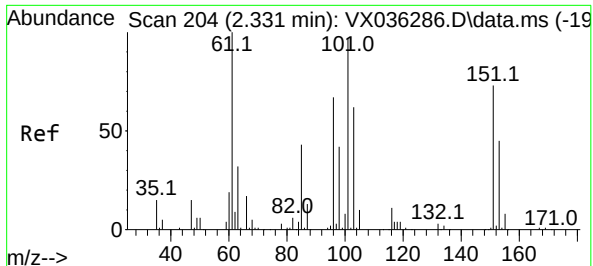


#8
 Diethyl Ether
 Concen: 16.727 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX036369.D
 Acq: 29 Jun 2023 11:27



Tgt Ion: 74 Resp: 38523
 Ion Ratio Lower Upper
 74 100
 45 96.2 53.3 159.8





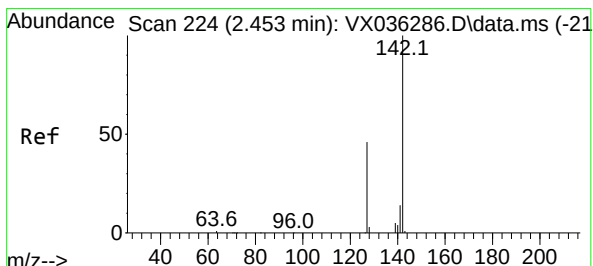
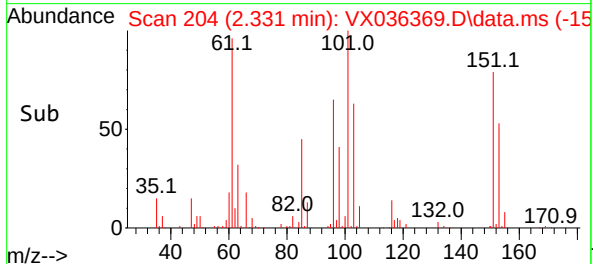
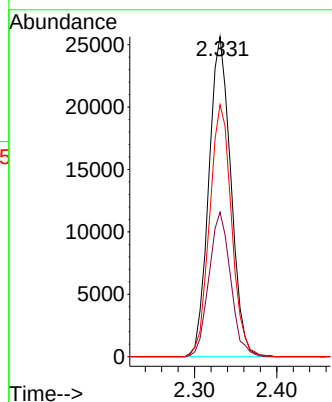
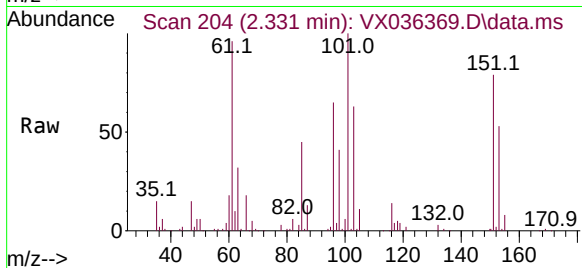
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.035 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion:101 Resp: 47659
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 78.8 58.6 87.8

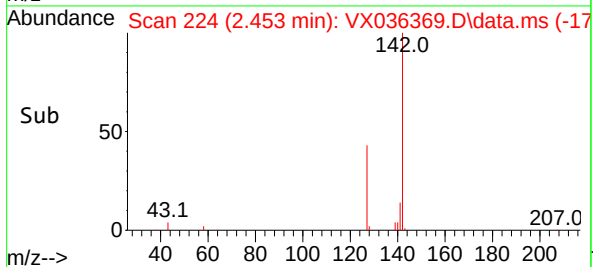
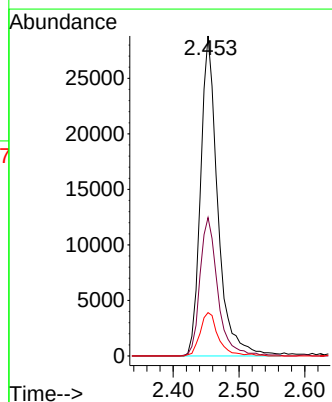
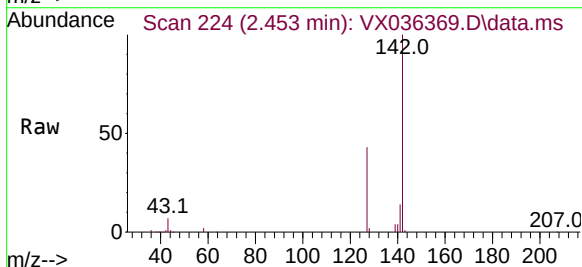
Manual Integrations
APPROVED

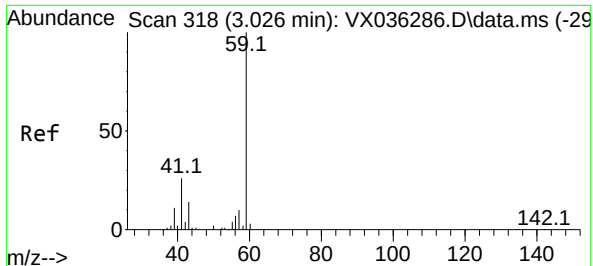
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#10
Methyl Iodide
Concen: 17.314 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

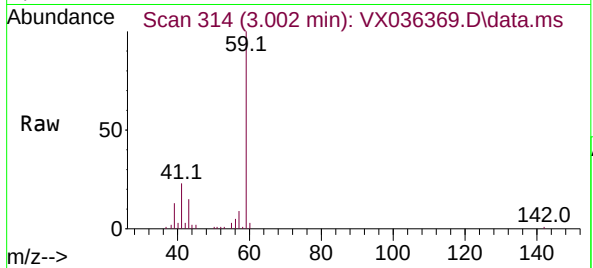
Tgt Ion:142 Resp: 52529
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 102.888 ug/l
RT: 3.002 min Scan# 318
Delta R.T. -0.011 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

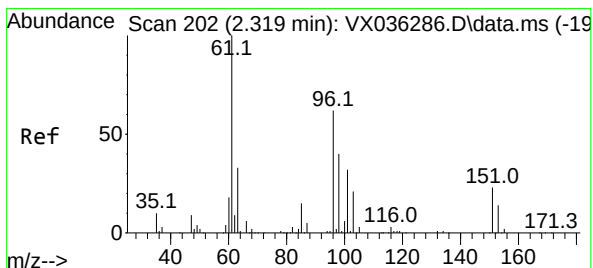
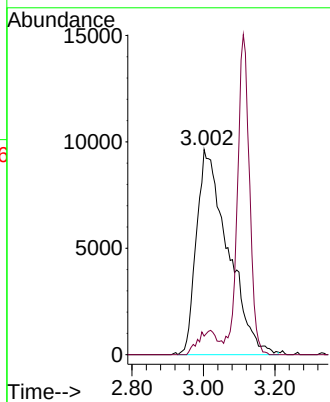
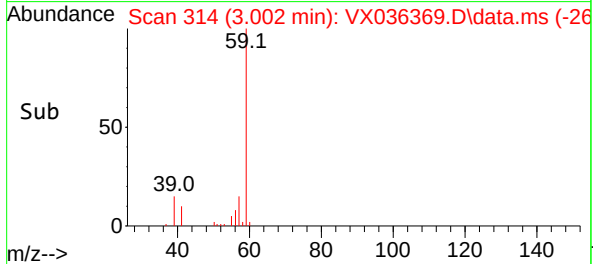
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion: 59 Resp: 58672
Ion Ratio Lower Upper
59 100
57 6.9 6.0 9.0

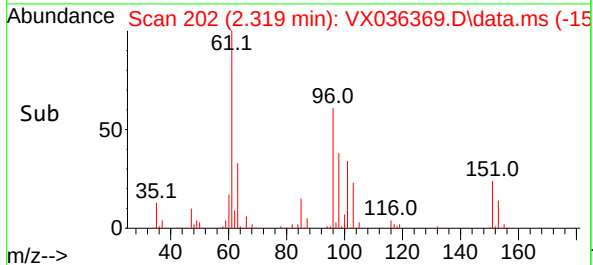
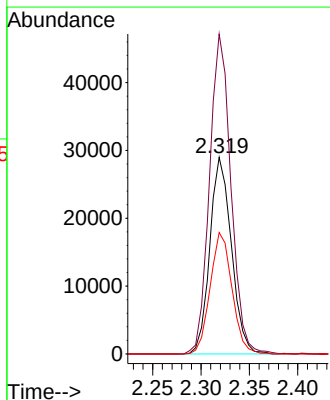
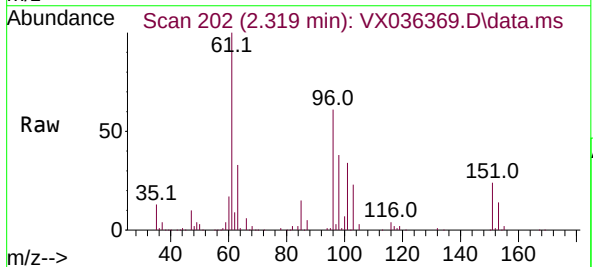
Manual Integrations
APPROVED

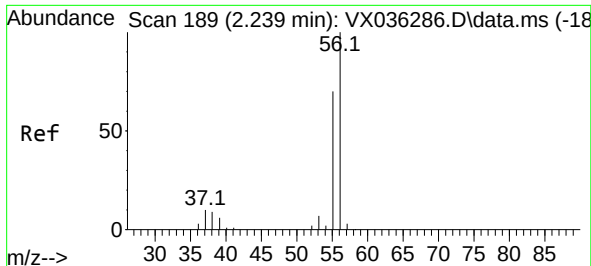
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#12
1,1-Dichloroethene
Concen: 18.101 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

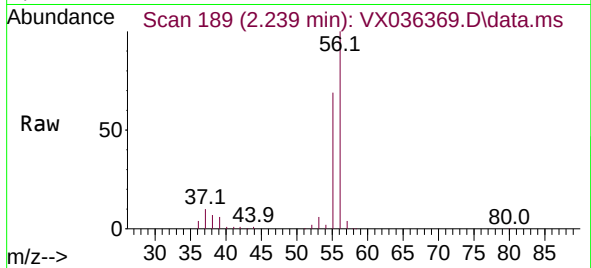
Tgt Ion: 96 Resp: 44958
Ion Ratio Lower Upper
96 100
61 162.7 144.6 216.8
98 61.8 50.4 75.6





#13
Acrolein
Concen: 77.907 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

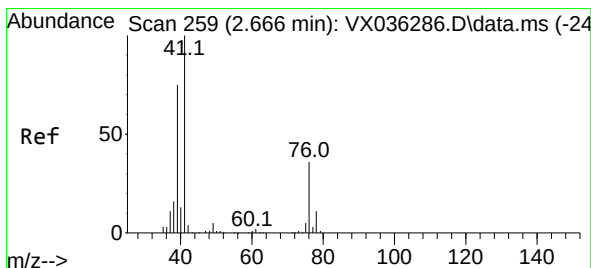
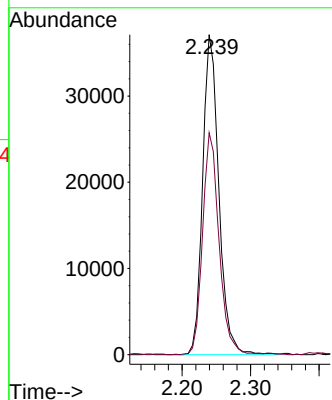
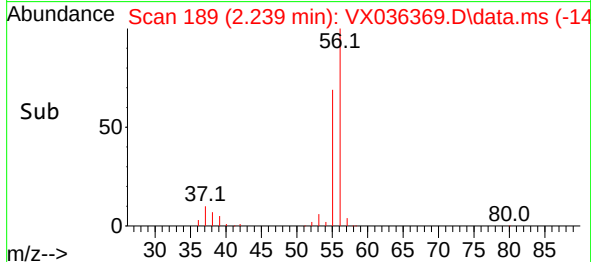
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



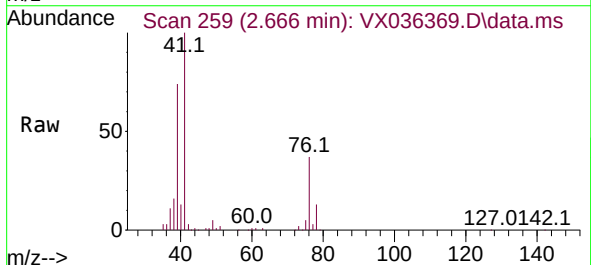
Tgt Ion: 56 Resp: 61014
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

Manual Integrations
APPROVED

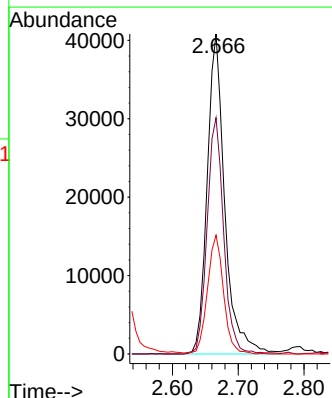
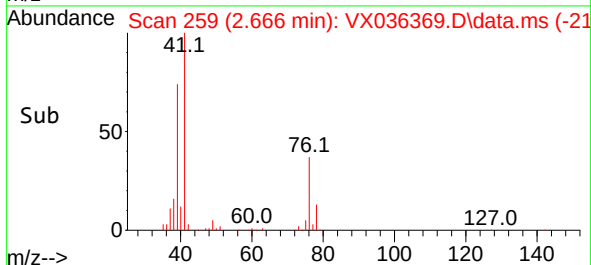
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

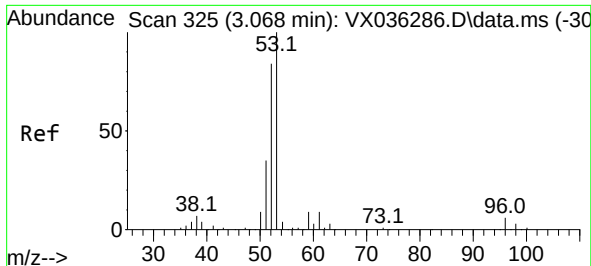


#14
Allyl chloride
Concen: 18.851 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



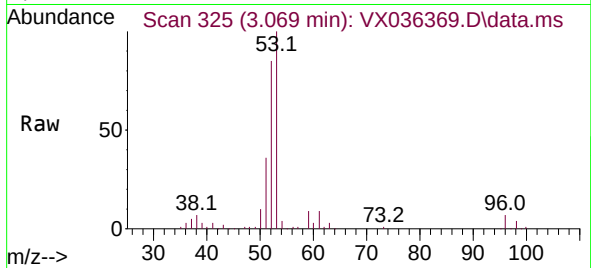
Tgt Ion: 41 Resp: 76092
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 33.9 24.3 36.5





#15
Acrylonitrile
Concen: 89.047 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

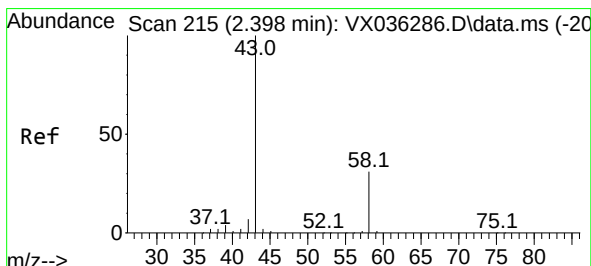
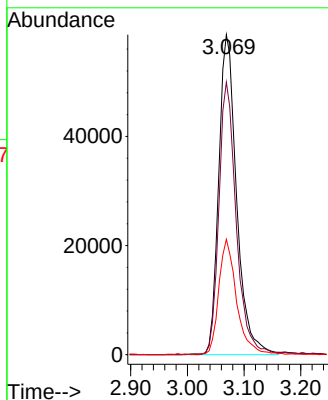
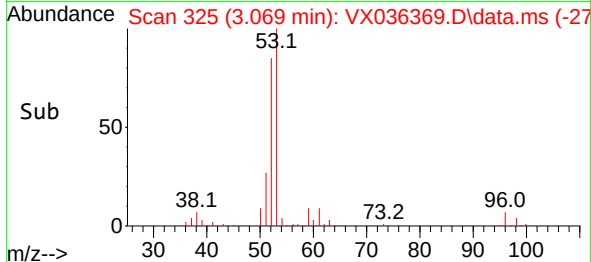
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



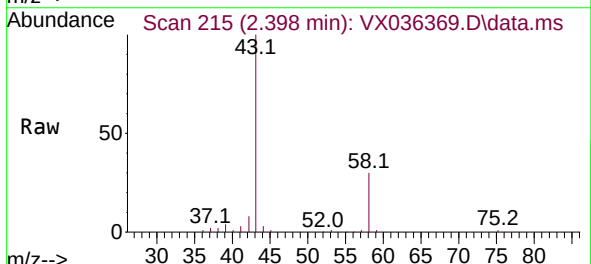
Tgt Ion: 53 Resp: 128710
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 36.1 29.8 44.6

Manual Integrations
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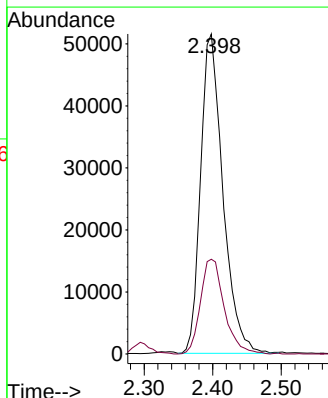
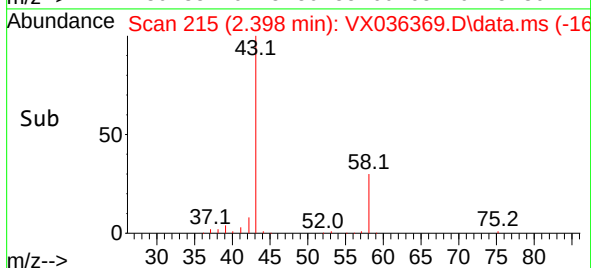
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

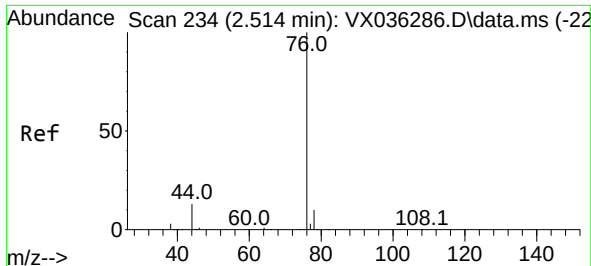


#16
Acetone
Concen: 87.157 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



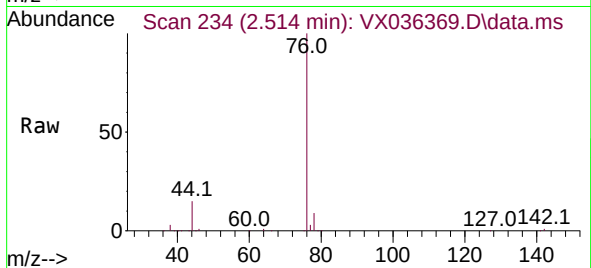
Tgt Ion: 43 Resp: 116706
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9





#17
Carbon Disulfide
Concen: 16.036 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

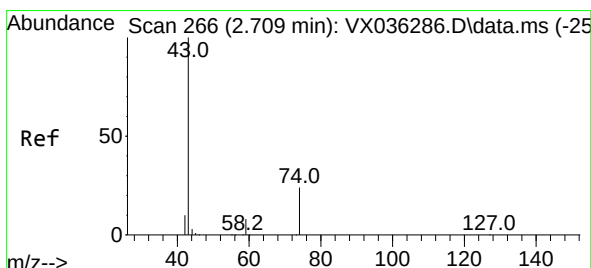
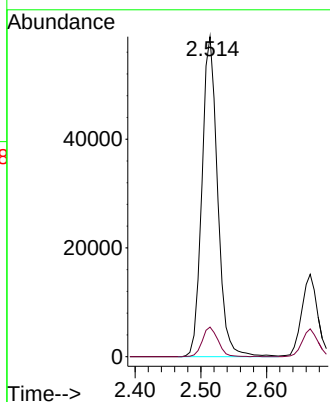
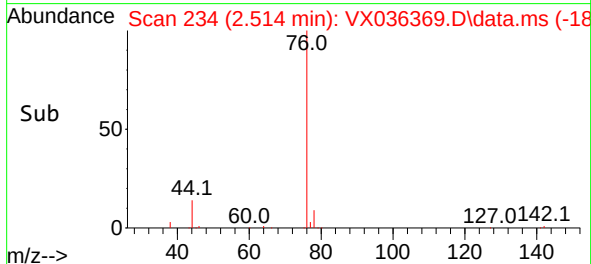
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



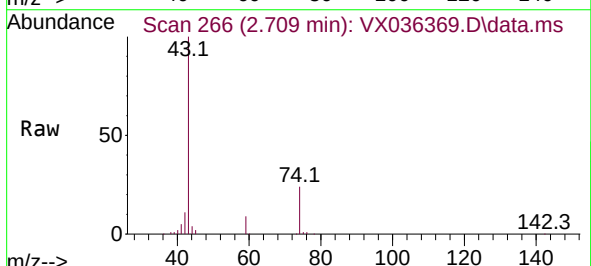
Tgt Ion: 76 Resp: 9782
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

Manual Integrations
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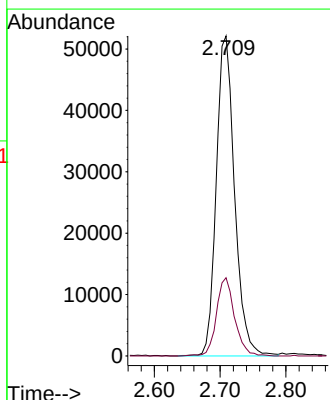
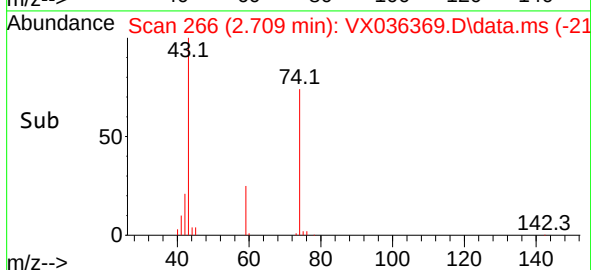
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

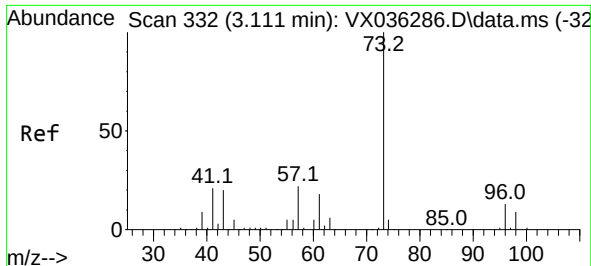


#18
Methyl Acetate
Concen: 18.360 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



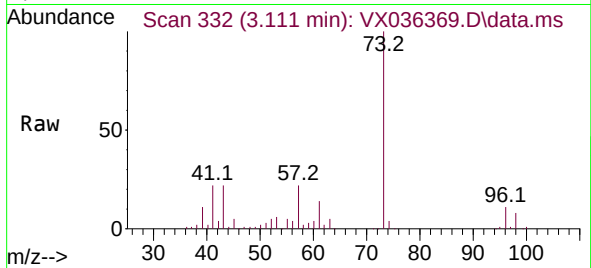
Tgt Ion: 43 Resp: 101098
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 19.600 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

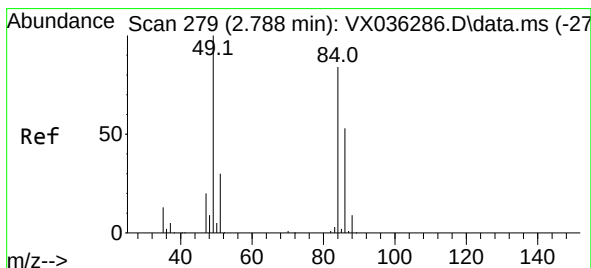
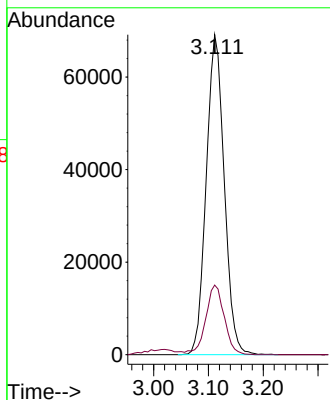
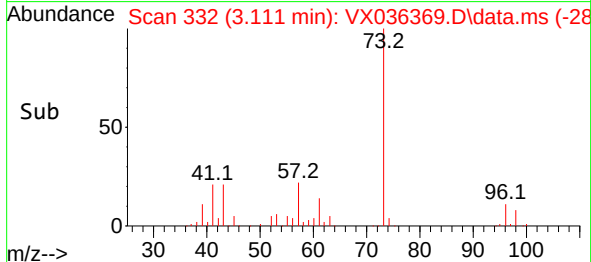
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion: 73 Resp: 157328
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

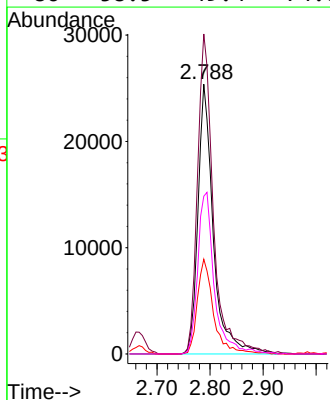
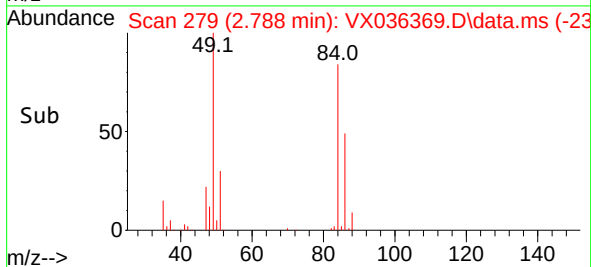
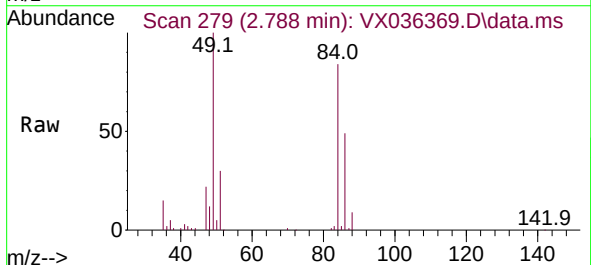
Manual Integrations
APPROVED

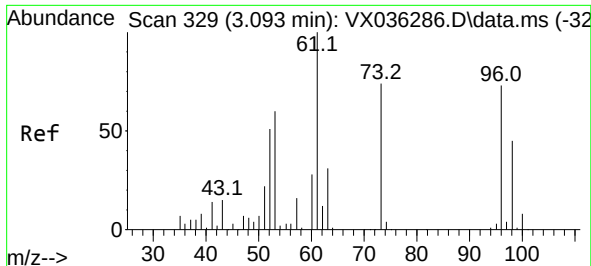
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#20
Methylene Chloride
Concen: 17.772 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

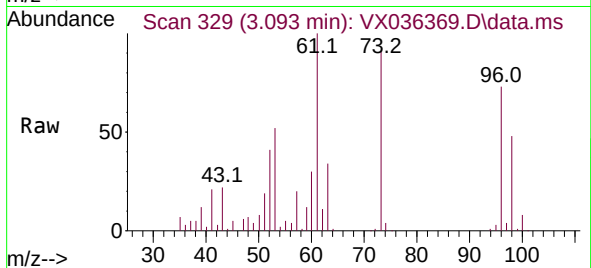
Tgt Ion: 84 Resp: 51238
Ion Ratio Lower Upper
84 100
49 118.6 103.6 155.4
51 35.1 33.8 50.6
86 58.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.960 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

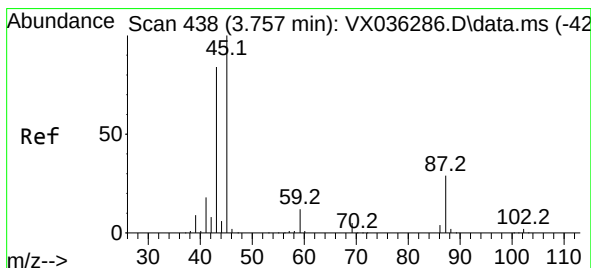
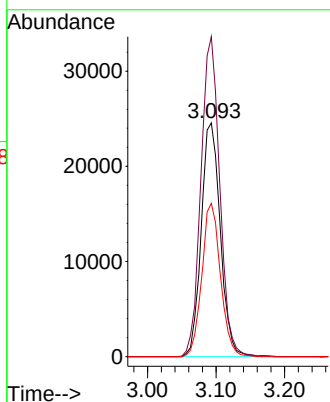
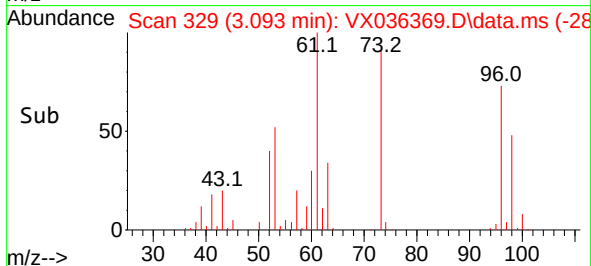
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



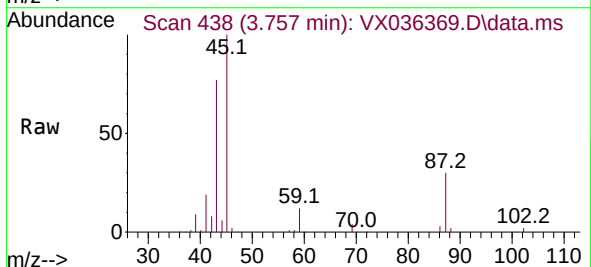
Tgt Ion: 96 Resp: 4760
Ion Ratio Lower Upper
96 100
61 136.9 119.2 178.8
98 65.6 48.7 73.1

Manual Integrations
APPROVED

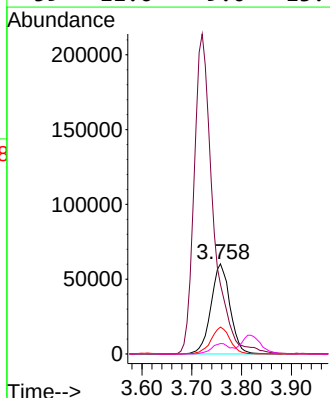
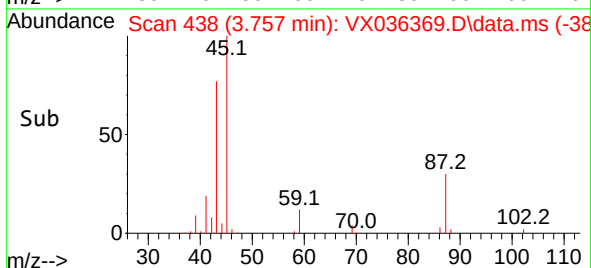
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

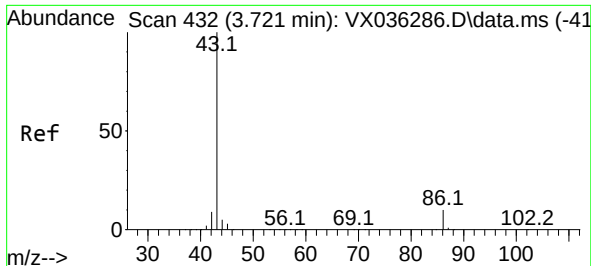


#22
Diisopropyl ether
Concen: 19.731 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



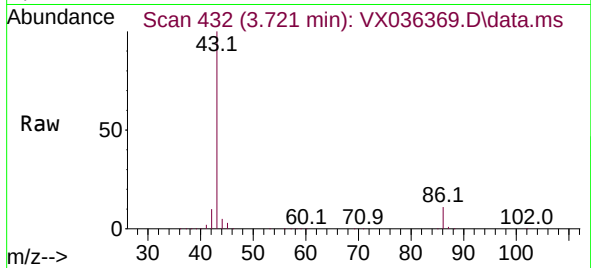
Tgt Ion: 45 Resp: 159588
Ion Ratio Lower Upper
45 100
43 76.5 69.7 104.5
87 29.7 20.8 31.2
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 96.735 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036369.D
 Acq: 29 Jun 2023 11:27

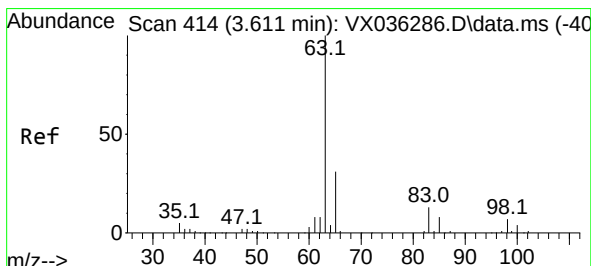
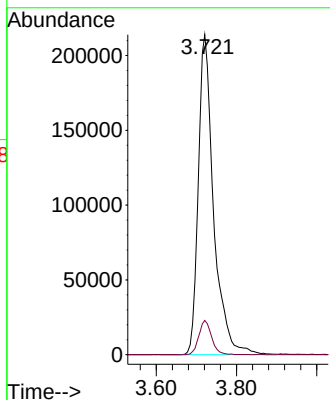
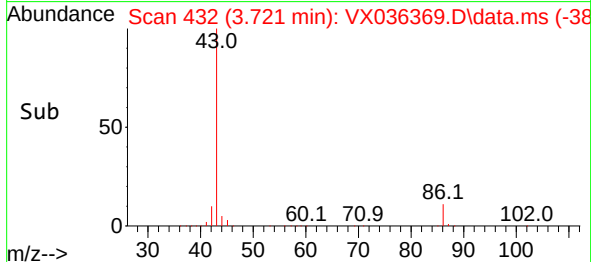
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01



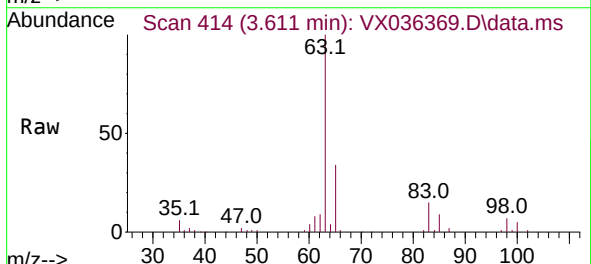
Tgt Ion: 43 Resp: 567794
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

Manual Integrations
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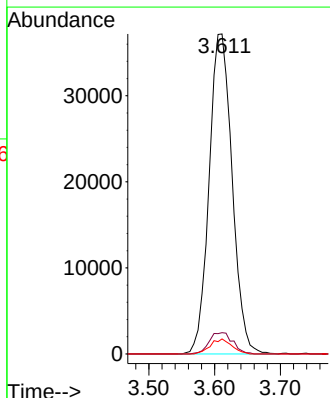
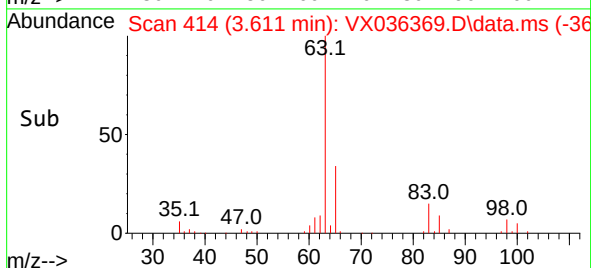
Reviewed By :John Carlone 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

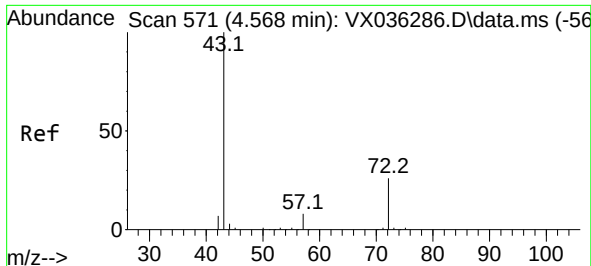


#24
 1,1-Dichloroethane
 Concen: 19.020 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036369.D
 Acq: 29 Jun 2023 11:27



Tgt Ion: 63 Resp: 90664
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.7 2.1 6.5





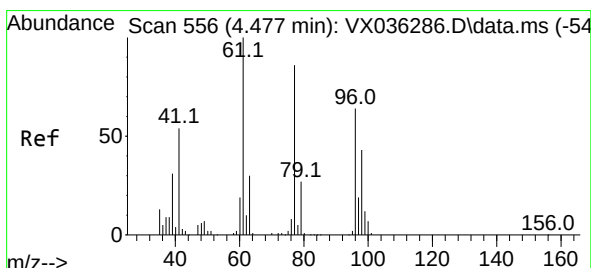
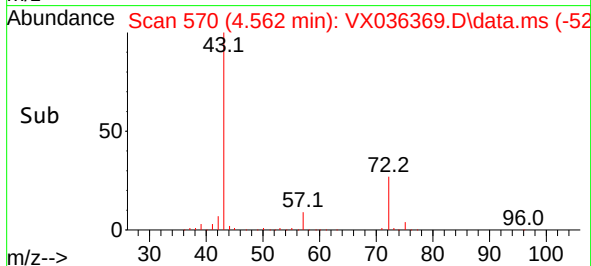
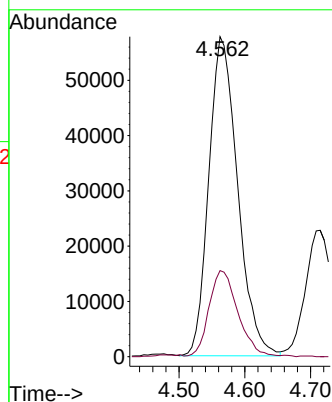
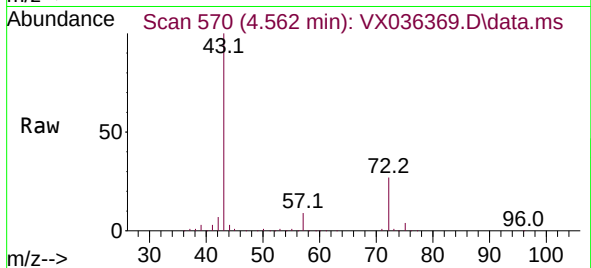
#25
2-Butanone
Concen: 91.419 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion: 43 Resp: 17588
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

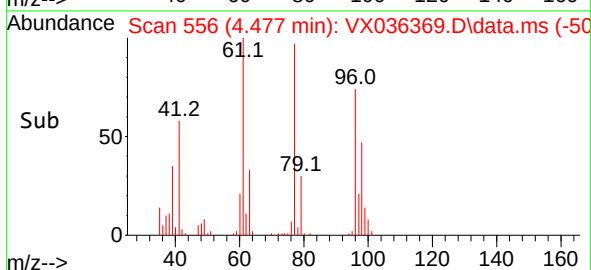
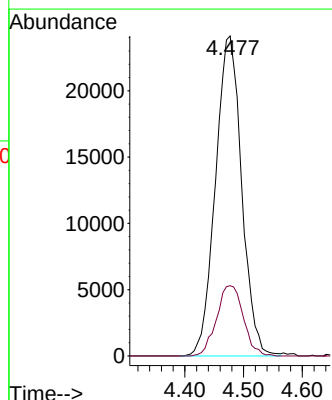
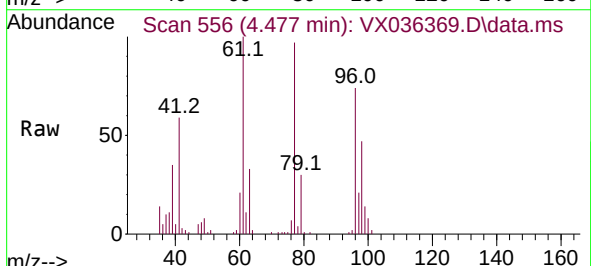
Manual Integrations
APPROVED

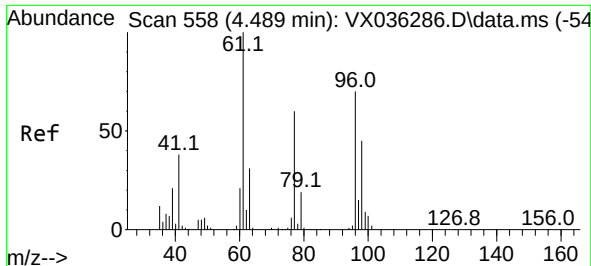
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#26
2,2-Dichloropropane
Concen: 22.089 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 77 Resp: 74676
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.079 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 96 Resp: 56710

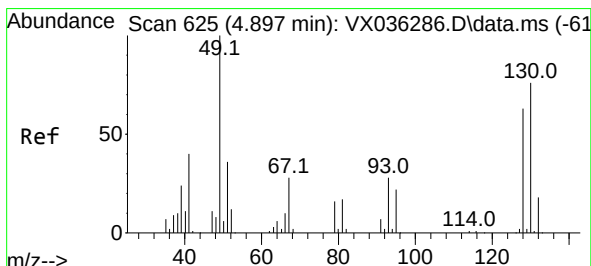
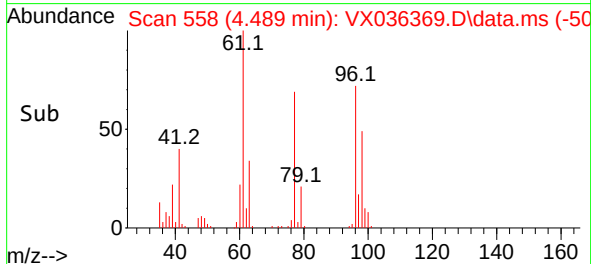
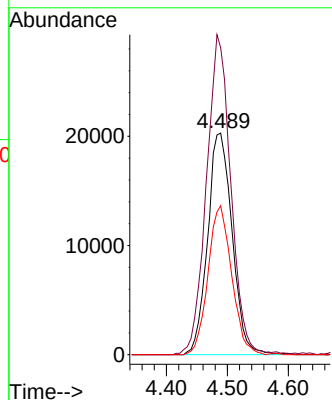
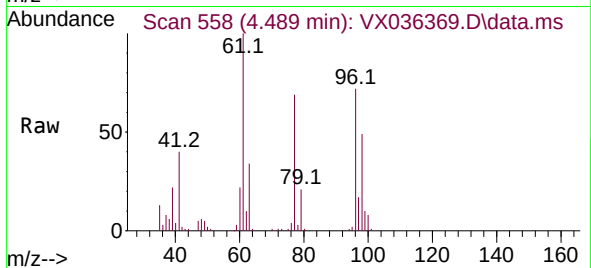
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	312.2
98	64.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#28

Bromochloromethane

Concen: 20.309 ug/l

RT: 4.898 min Scan# 625

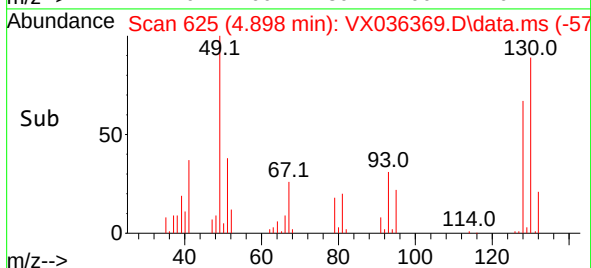
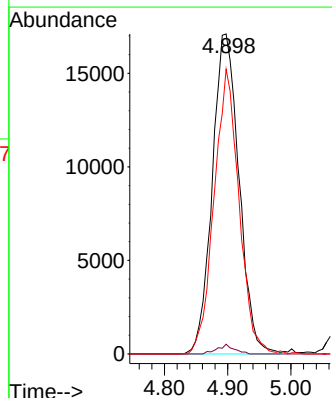
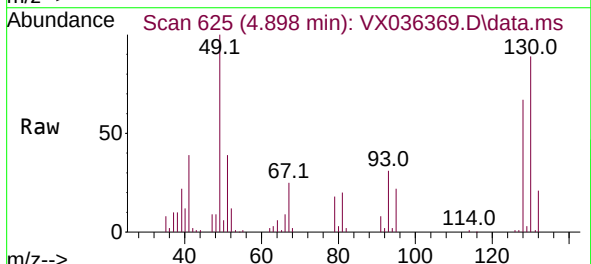
Delta R.T. 0.001 min

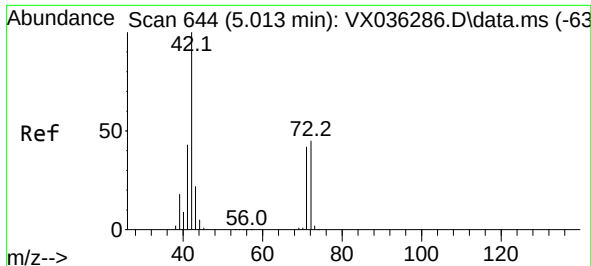
Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Tgt Ion: 49 Resp: 50205

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	83.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 90.998 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 42 Resp: 111462

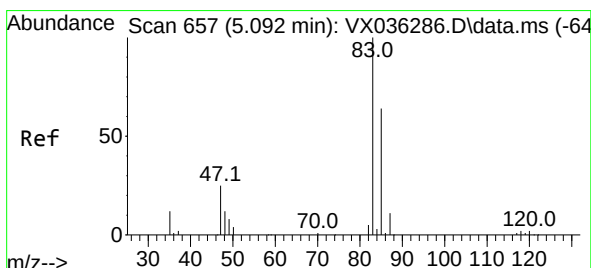
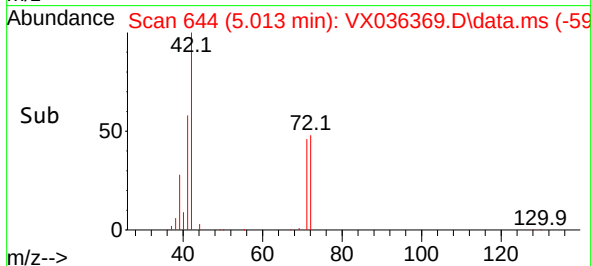
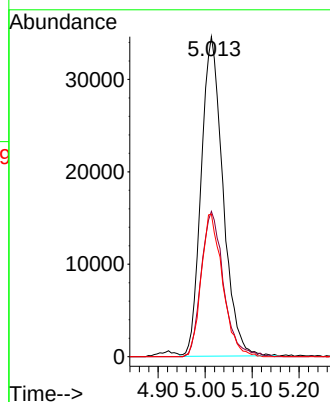
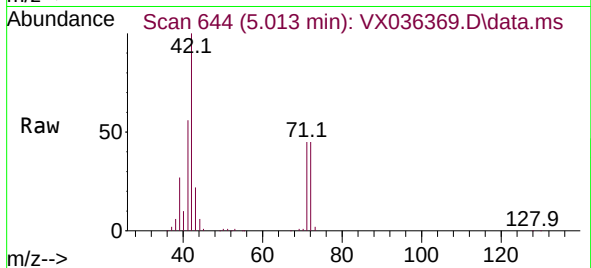
Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.2	51.4
71	44.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#30

Chloroform

Concen: 19.480 ug/l

RT: 5.087 min Scan# 656

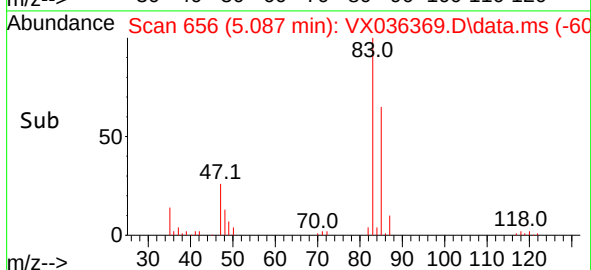
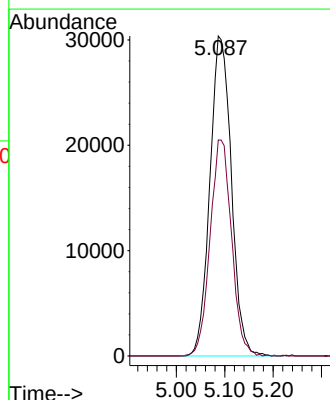
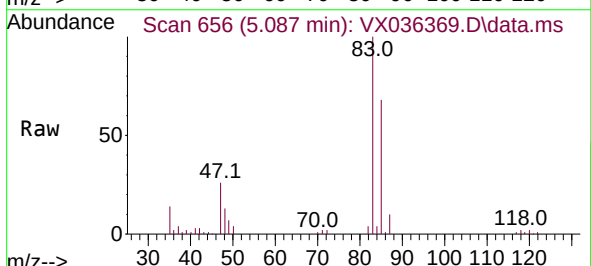
Delta R.T. -0.005 min

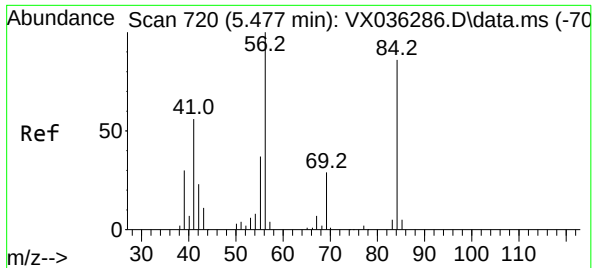
Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Tgt Ion: 83 Resp: 93526

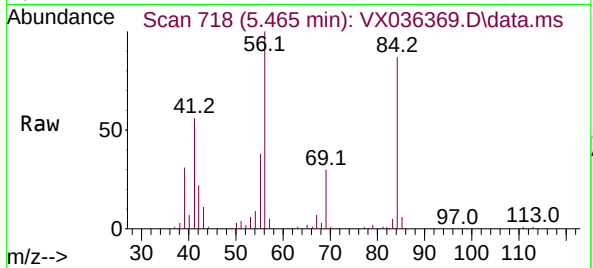
Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.3	75.5





#31
Cyclohexane
Concen: 18.287 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.005 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

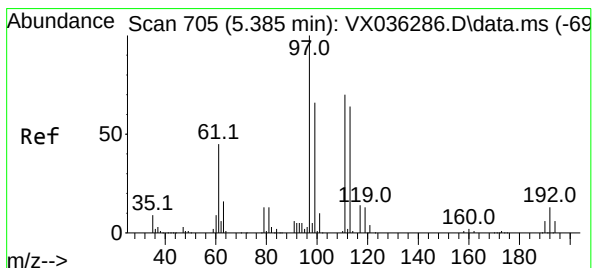
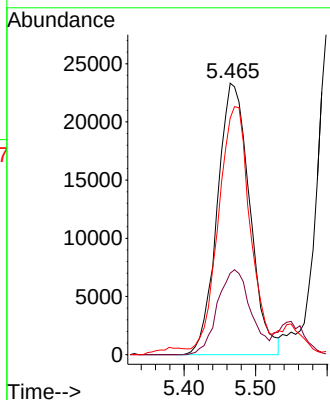
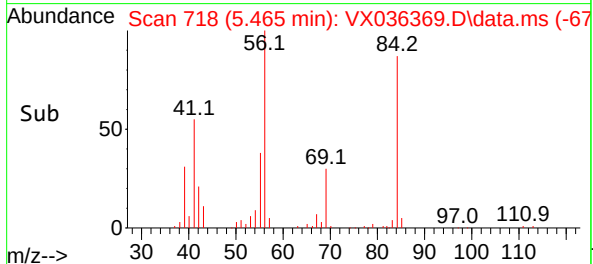
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion: 56 Resp: 73414
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 84.7 65.9 98.9

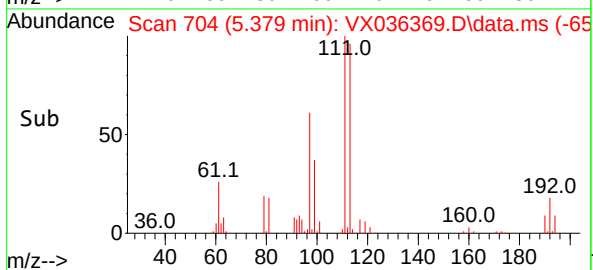
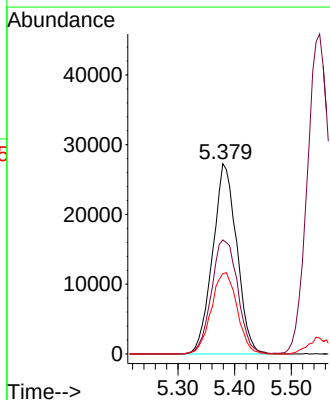
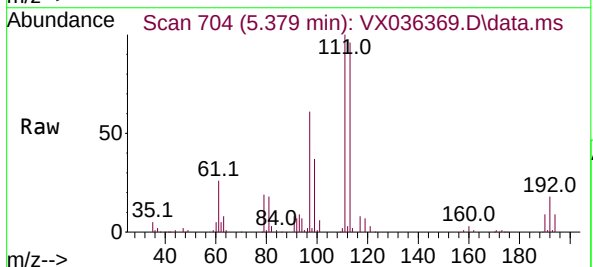
Manual Integrations
APPROVED

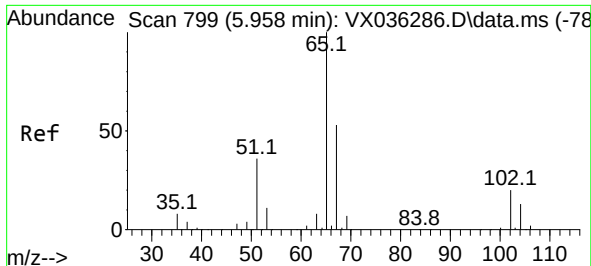
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#32
1,1,1-Trichloroethane
Concen: 20.094 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 97 Resp: 80582
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 45.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.036 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 65 Resp: 156752

Ion Ratio Lower Upper

65 100

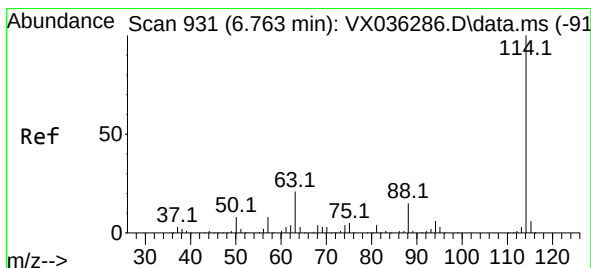
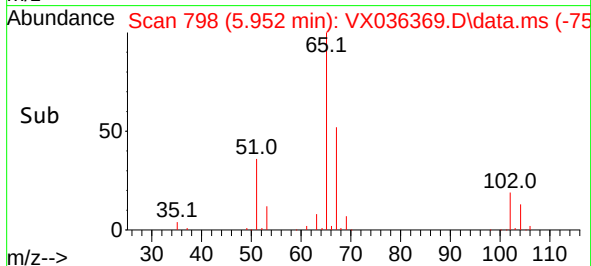
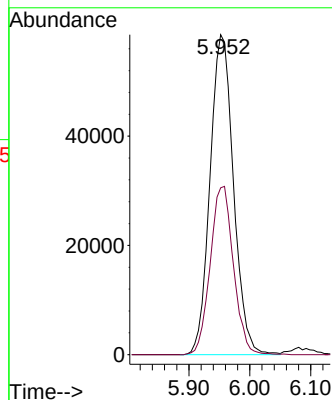
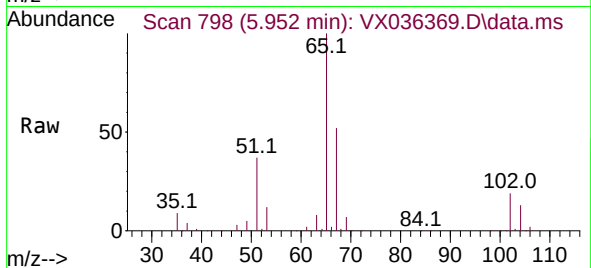
67 52.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

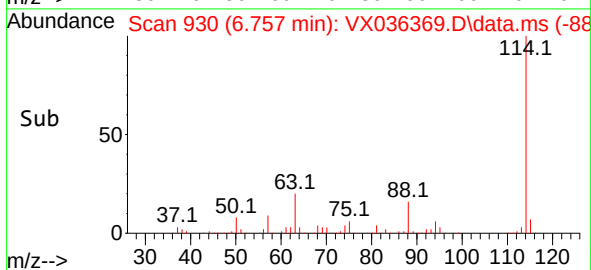
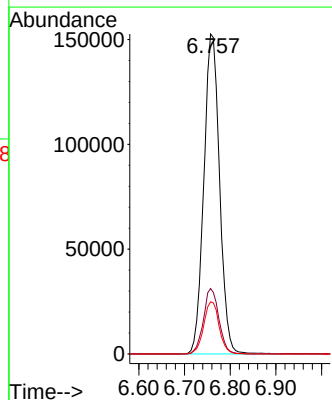
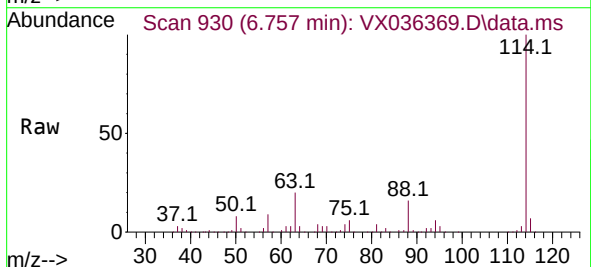
Tgt Ion:114 Resp: 364991

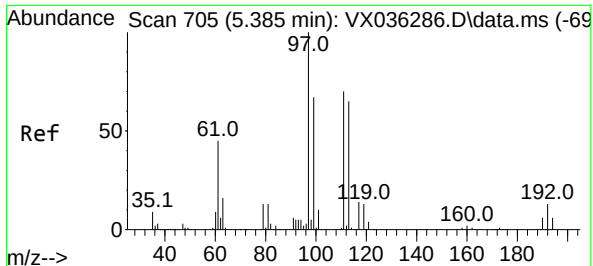
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.139 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036369.D

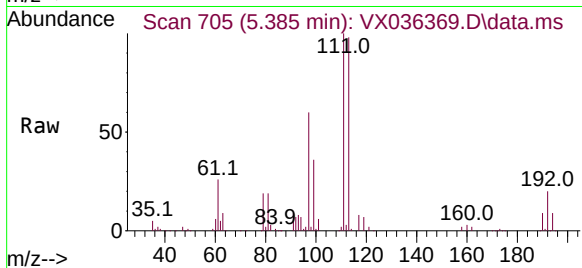
Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01



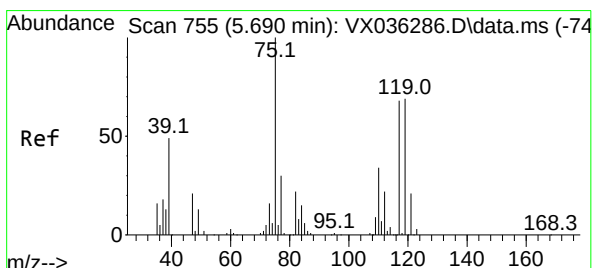
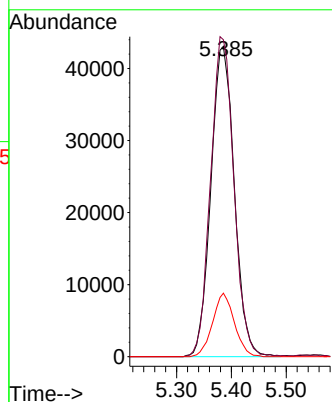
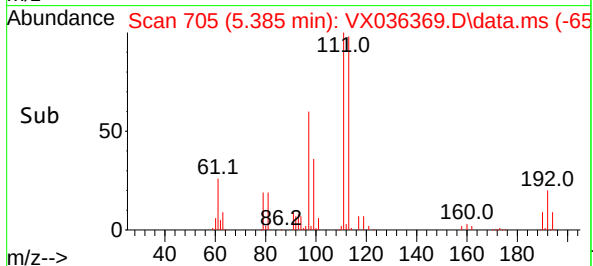
Tgt Ion:	113	Resp:	12788
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.9	124.3
192	19.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#36

1,1-Dichloropropene

Concen: 18.918 ug/l

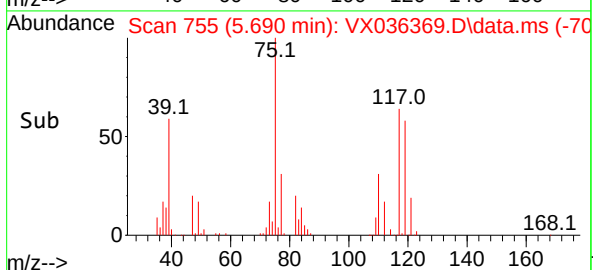
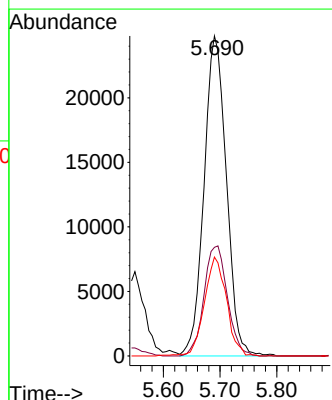
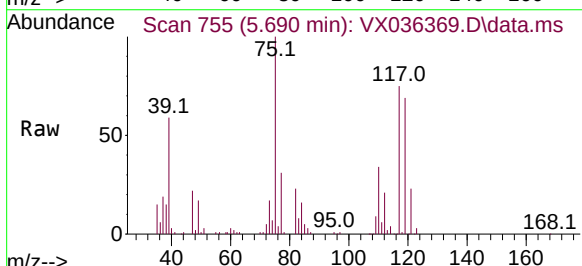
RT: 5.690 min Scan# 755

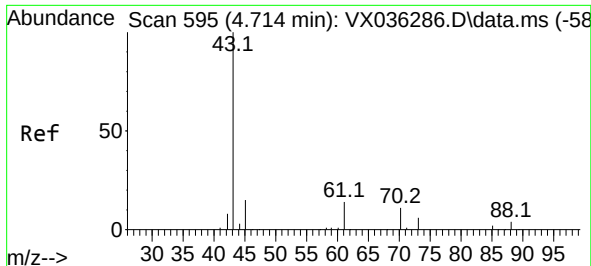
Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

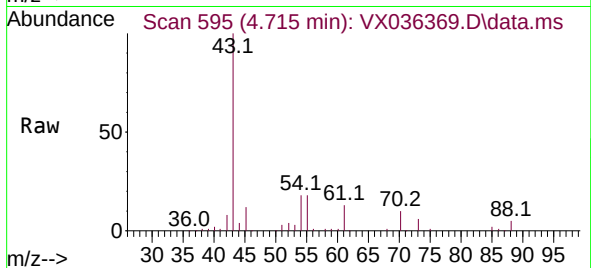
Tgt Ion:	75	Resp:	67868
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.0	50.9
77	30.7	24.7	37.1





#37
Ethyl Acetate
Concen: 19.122 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

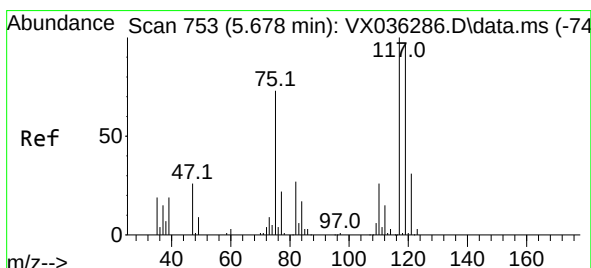
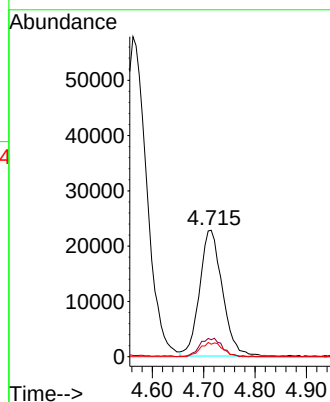
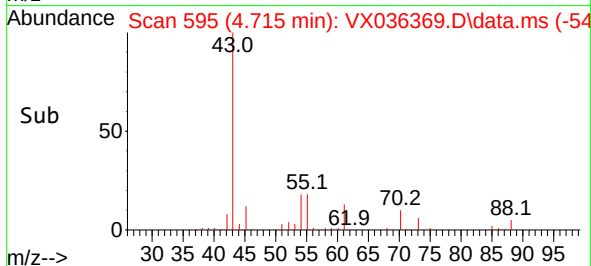
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion: 43 Resp: 69918
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.0 8.3 12.5

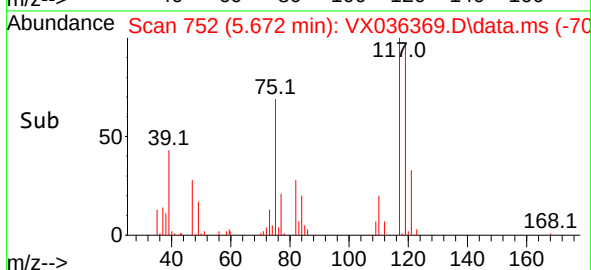
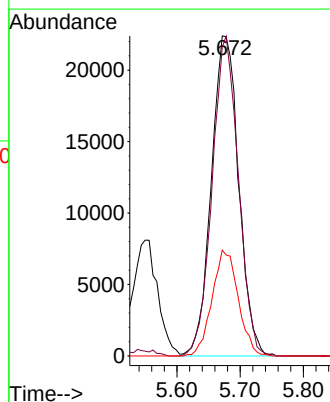
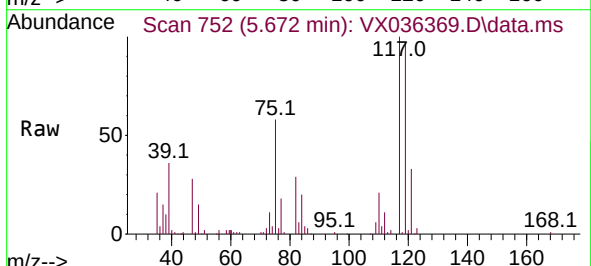
Manual Integrations
APPROVED

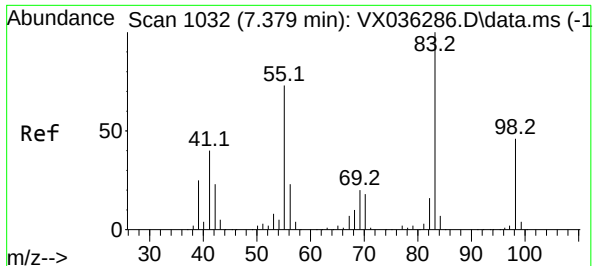
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#38
Carbon Tetrachloride
Concen: 20.544 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

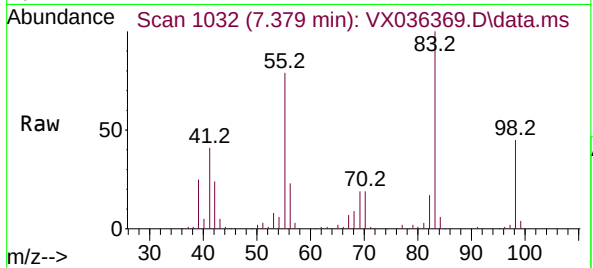
Tgt Ion:117 Resp: 67313
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 33.1 24.4 36.6





#39
Methylcyclohexane
Concen: 18.499 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

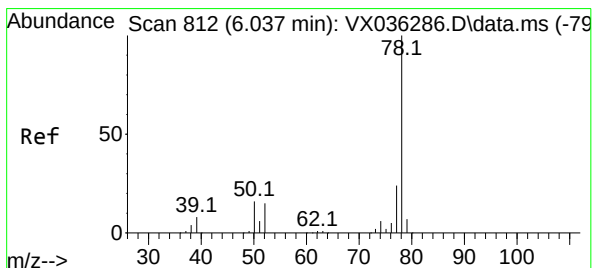
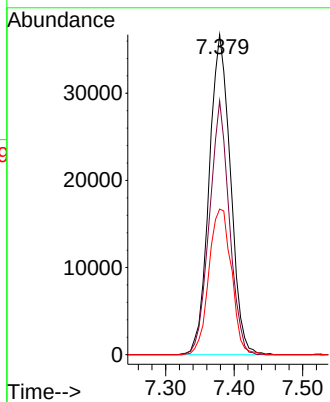
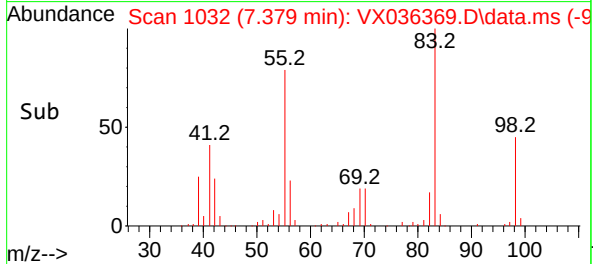
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion: 83 Resp: 7948
Ion Ratio Lower Upper
83 100
55 79.3 64.6 97.0
98 45.5 36.7 55.1

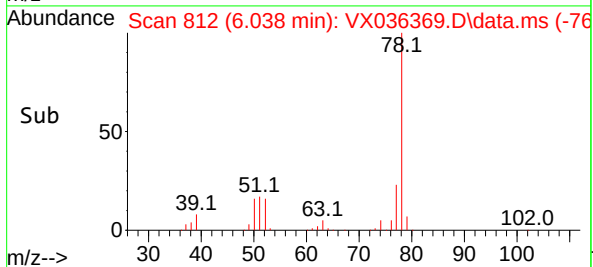
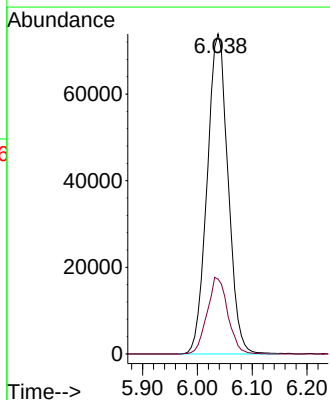
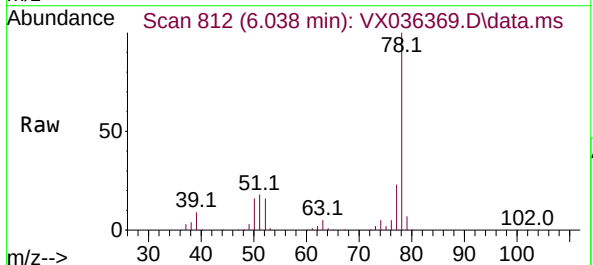
Manual Integrations
APPROVED

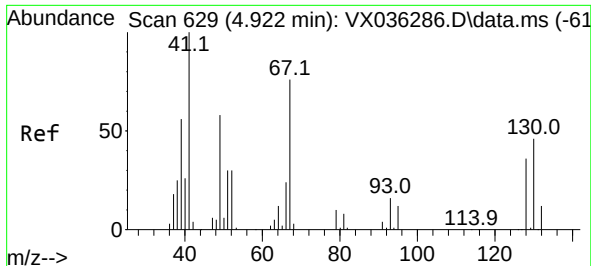
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#40
Benzene
Concen: 19.540 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 78 Resp: 195817
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 19.016 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

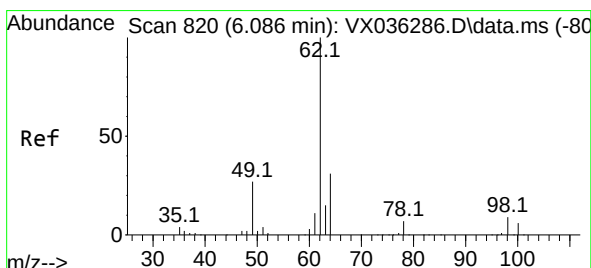
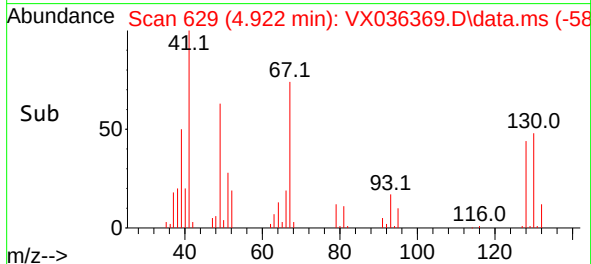
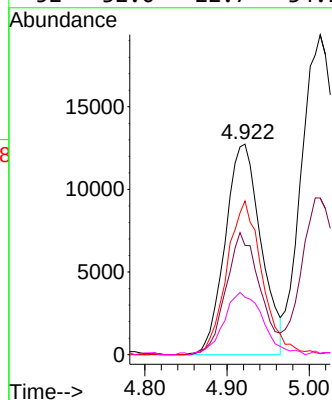
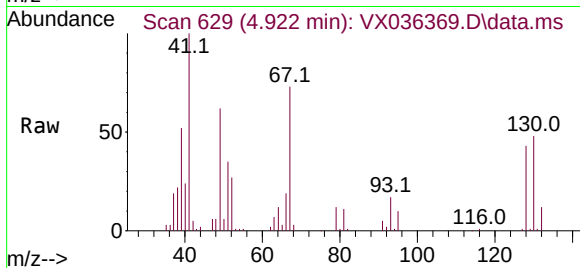
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion: 41 Resp: 3857

Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.2	67.8
67	72.1	52.6	78.8
52	32.0	22.7	34.1

Manual Integrations
APPROVED

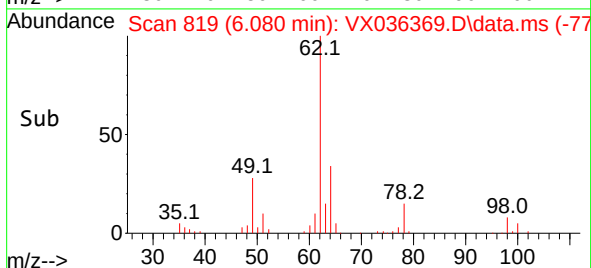
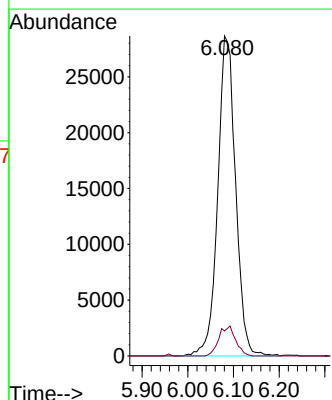
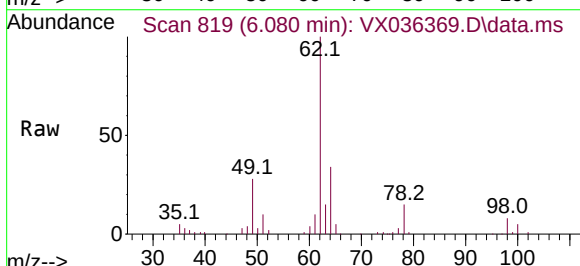
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

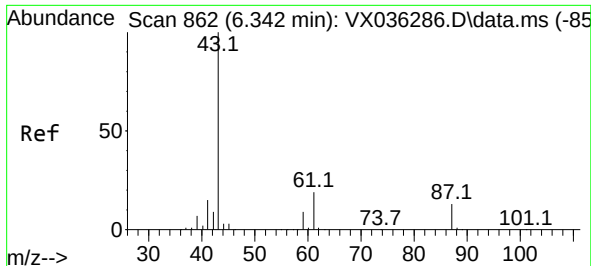


#42
1,2-Dichloroethane
Concen: 20.377 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 62 Resp: 77669

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 20.025 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 43 Resp: 11680

Ion Ratio Lower Upper

43 100

61 19.5 15.2 22.8

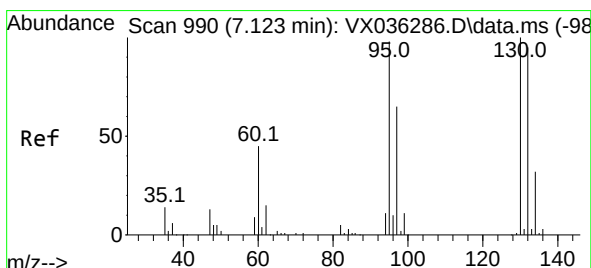
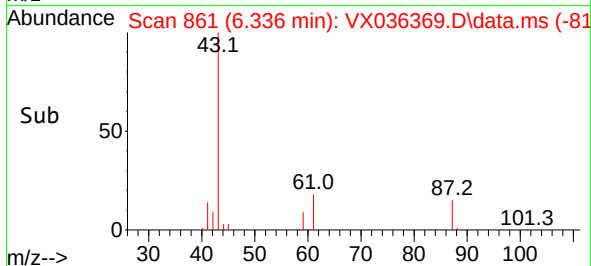
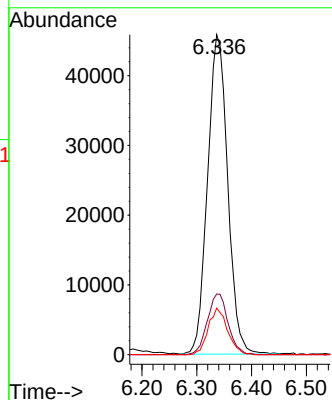
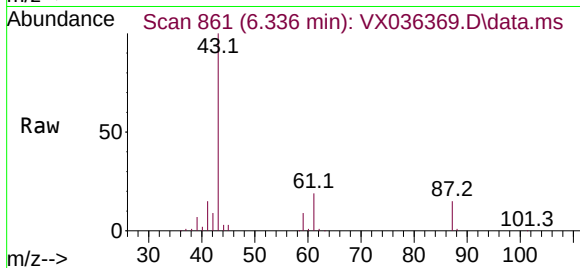
87 13.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#44

Trichloroethene

Concen: 19.586 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036369.D

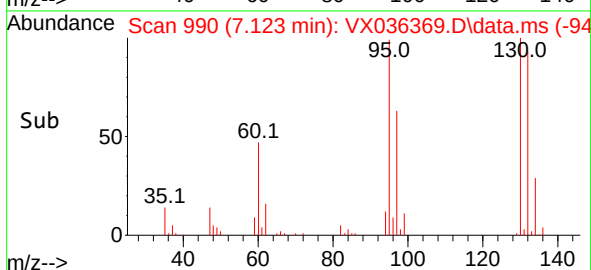
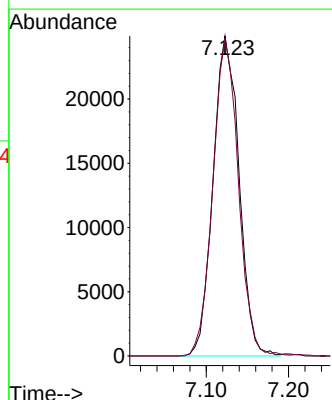
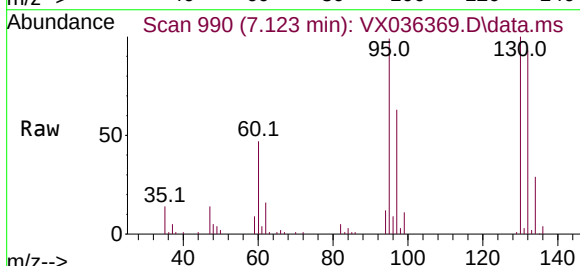
Acq: 29 Jun 2023 11:27

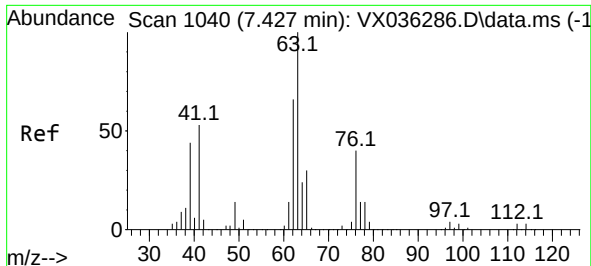
Tgt Ion:130 Resp: 54593

Ion Ratio Lower Upper

130 100

95 99.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.836 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.005 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 63 Resp: 5413

Ion Ratio Lower Upper

63 100

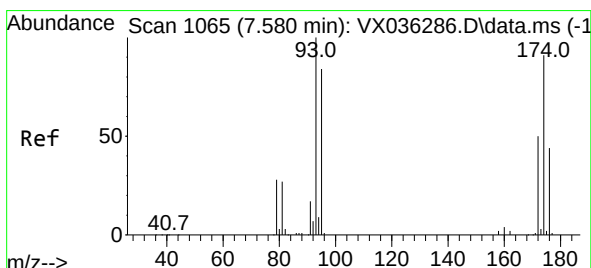
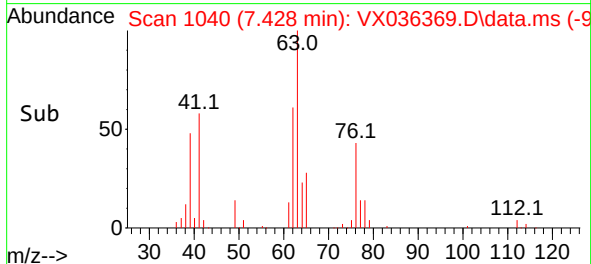
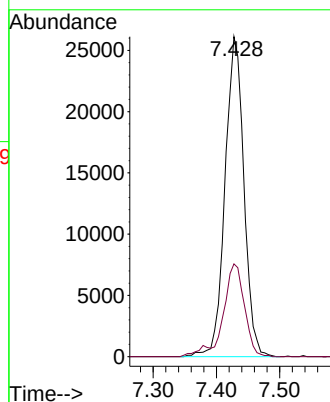
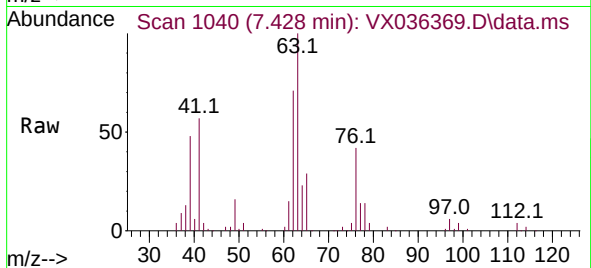
65 29.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#46

Dibromomethane

Concen: 19.241 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

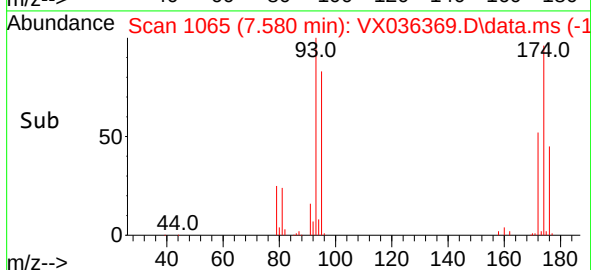
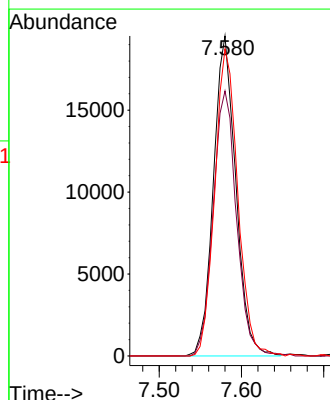
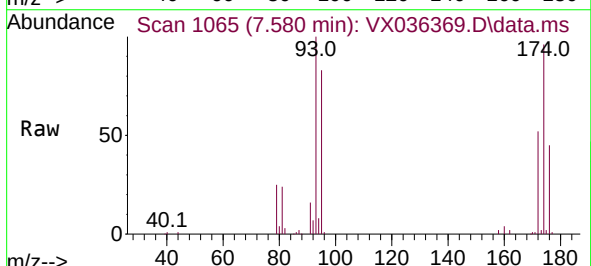
Tgt Ion: 93 Resp: 36966

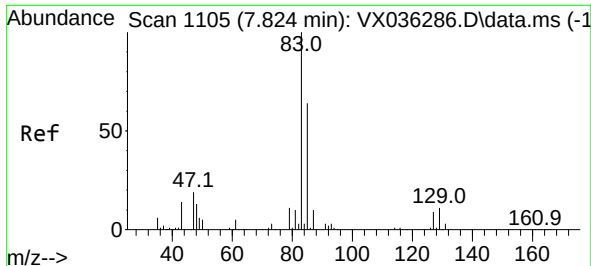
Ion Ratio Lower Upper

93 100

95 86.4 66.6 100.0

174 98.8 69.4 104.0





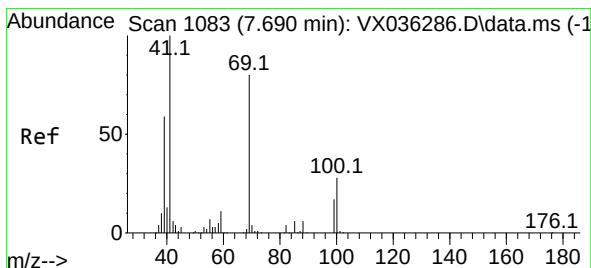
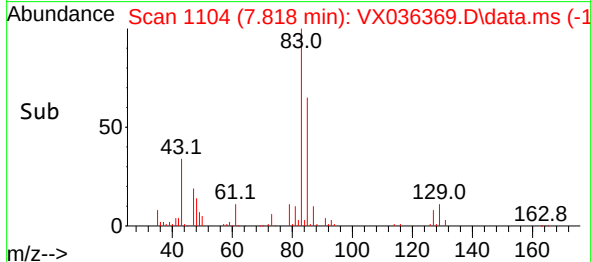
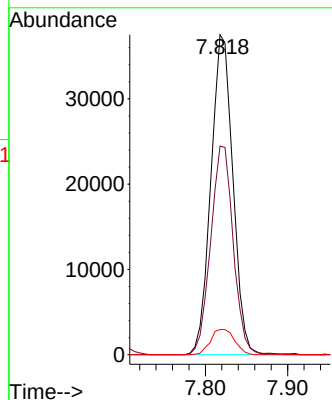
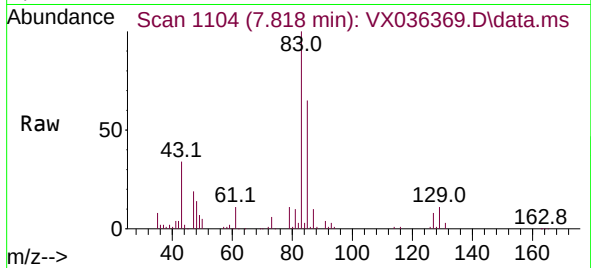
#47
Bromodichloromethane
Concen: 20.058 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion: 83 Resp: 69689
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 7.8 7.1 10.7

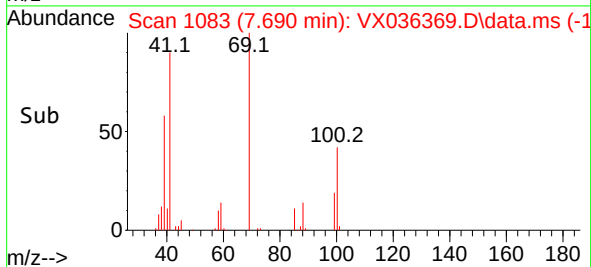
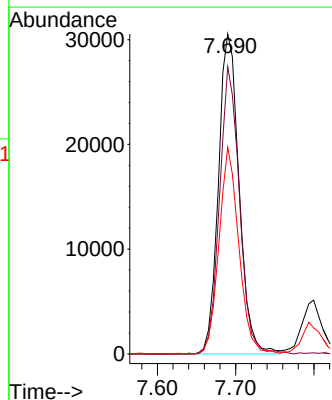
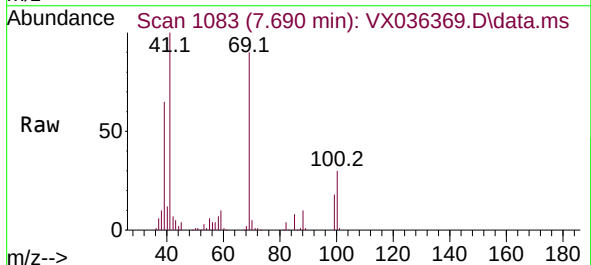
Manual Integrations
APPROVED

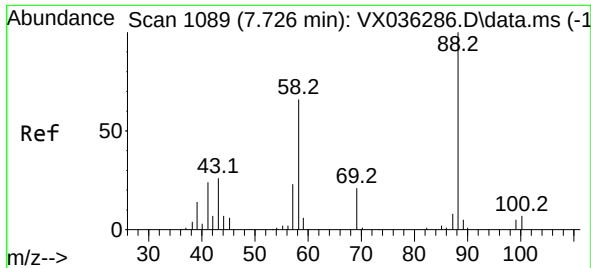
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#48
Methyl methacrylate
Concen: 19.246 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 41 Resp: 55974
Ion Ratio Lower Upper
41 100
69 86.7 59.2 88.8
39 62.2 47.7 71.5





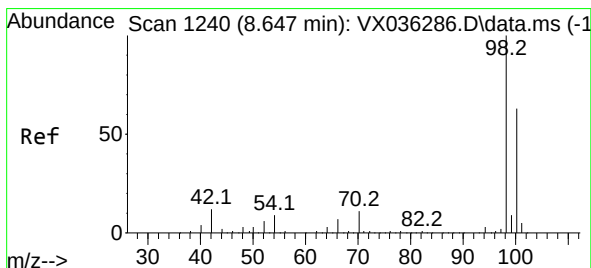
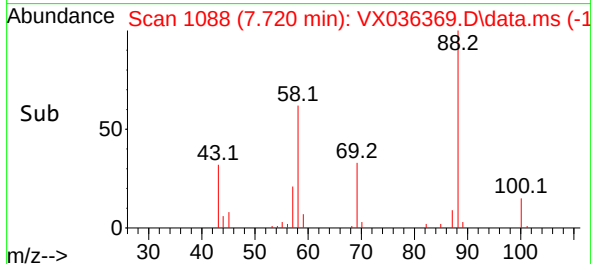
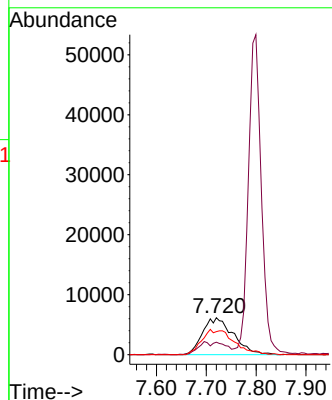
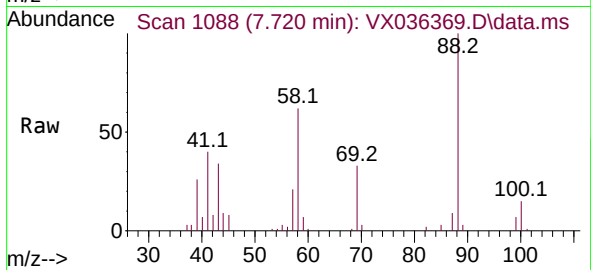
#49
1,4-Dioxane
Concen: 408.855 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion: 88 Resp: 26360
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1

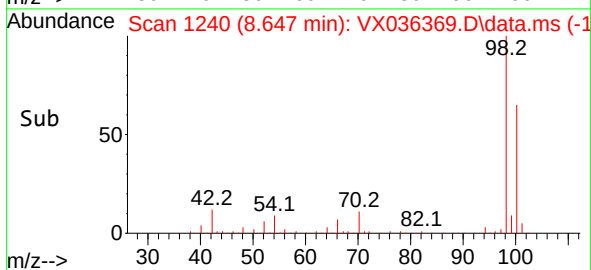
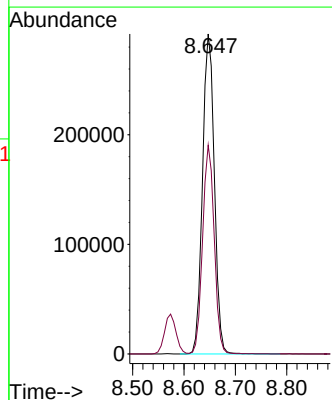
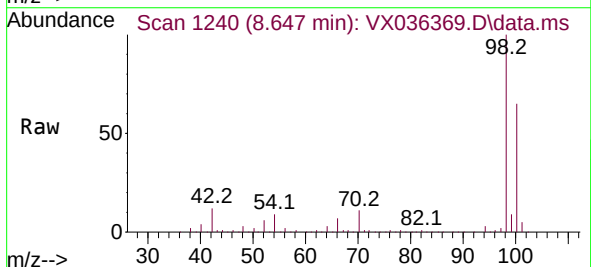
Manual Integrations
APPROVED

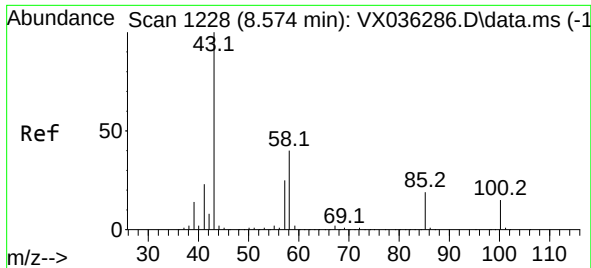
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#50
Toluene-d8
Concen: 51.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 98 Resp: 465552
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





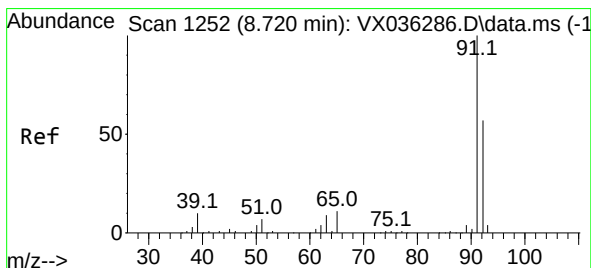
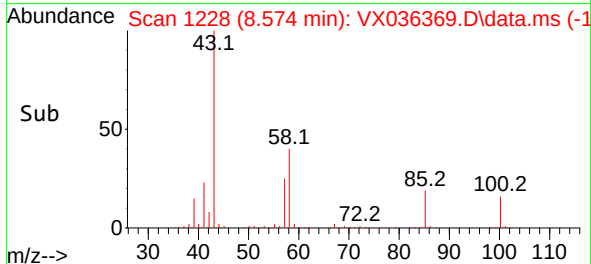
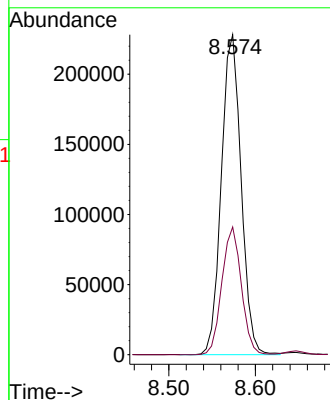
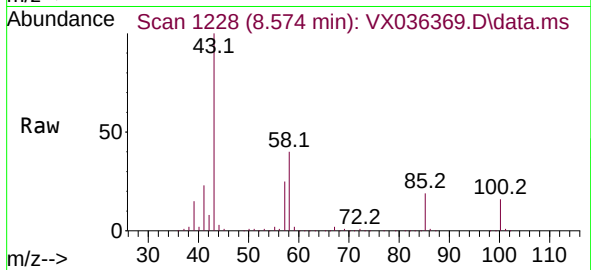
#51
4-Methyl-2-Pentanone
Concen: 96.388 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion: 43 Resp: 362218
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6

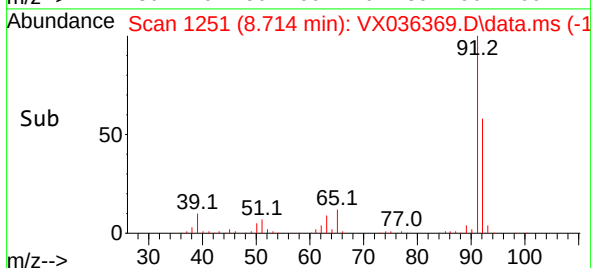
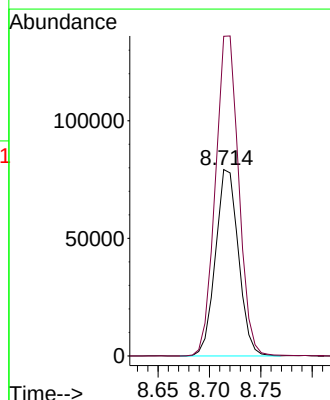
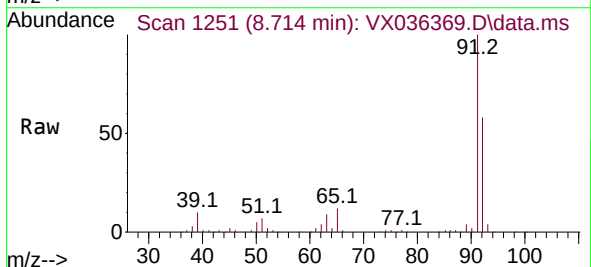
Manual Integrations
APPROVED

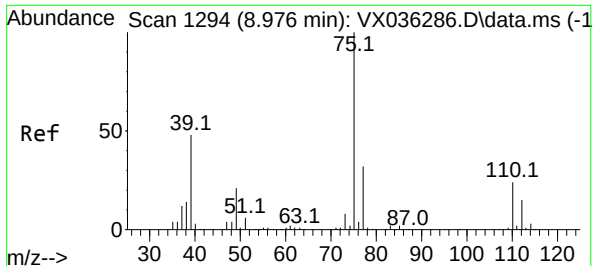
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#52
Toluene
Concen: 19.351 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 92 Resp: 122899
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 21.318 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 75 Resp: 74810

Ion Ratio Lower Upper

75 100

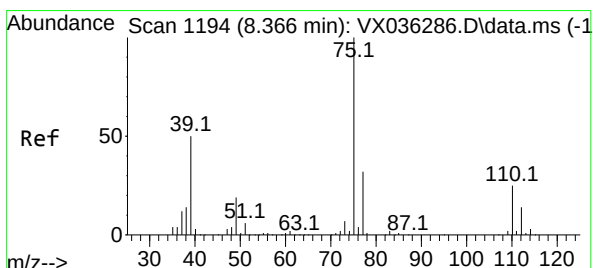
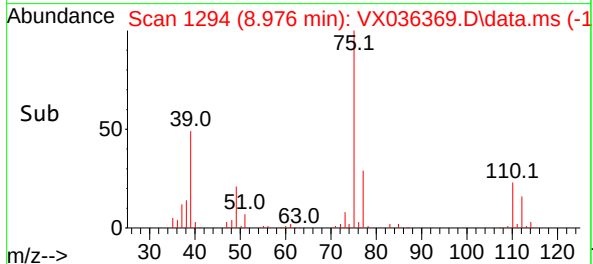
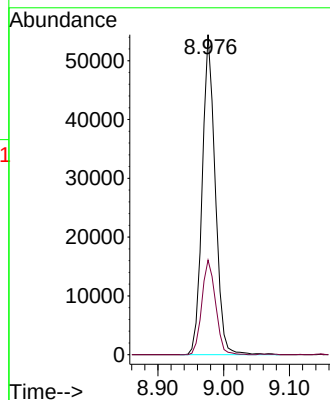
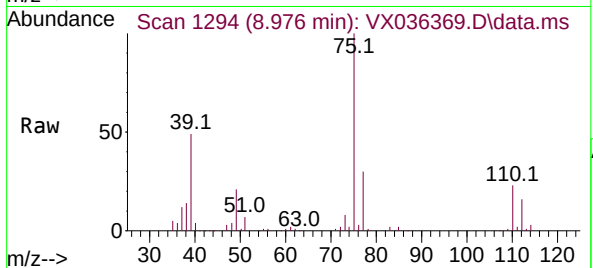
77 29.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#54

cis-1,3-Dichloropropene

Concen: 20.926 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

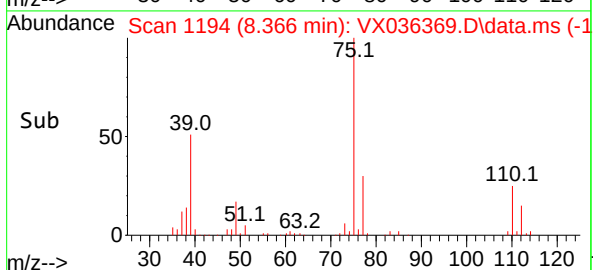
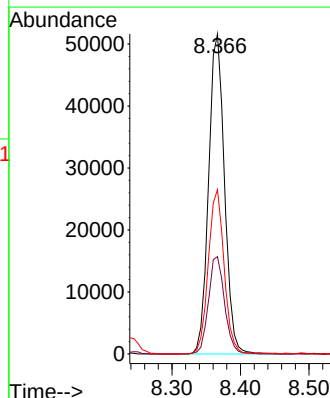
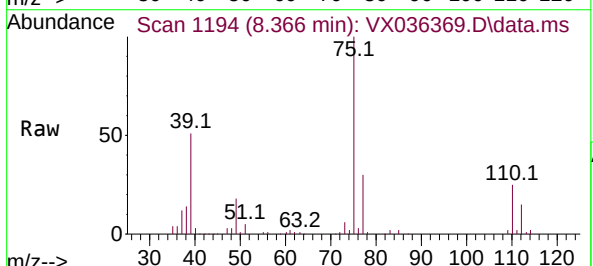
Tgt Ion: 75 Resp: 83022

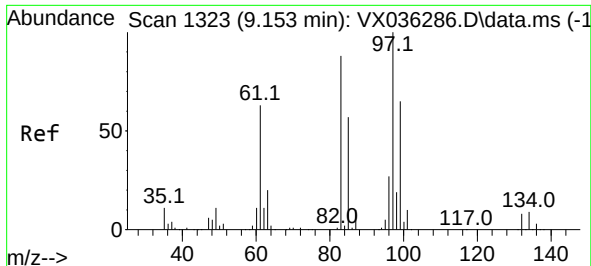
Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

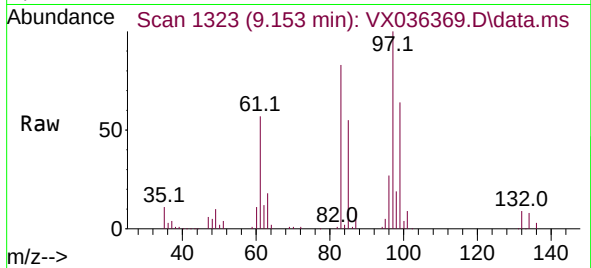
39 51.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.082 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

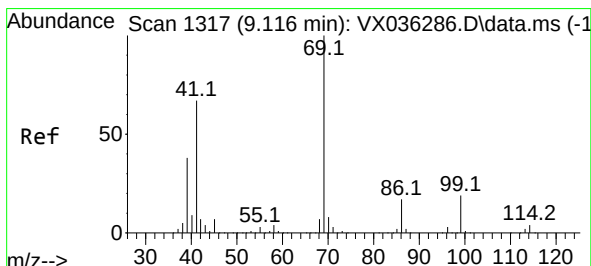
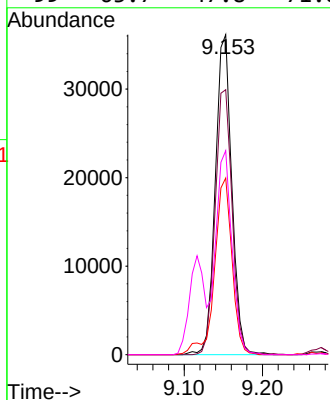
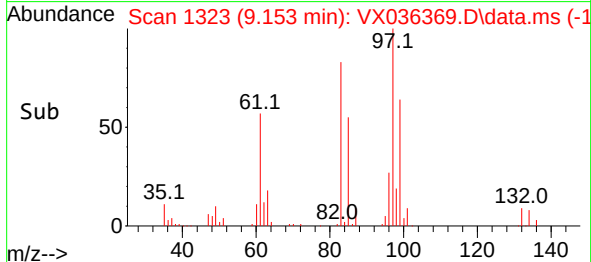
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



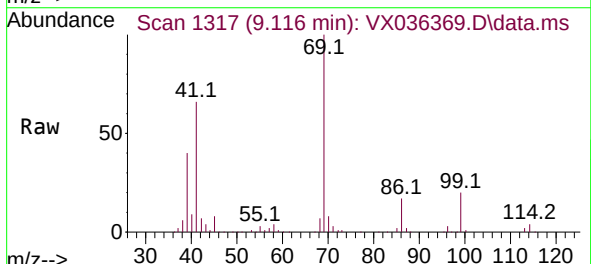
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.8	98.8
85	55.2	41.6	62.4
99	63.7	47.8	71.8

Manual Integrations
APPROVED

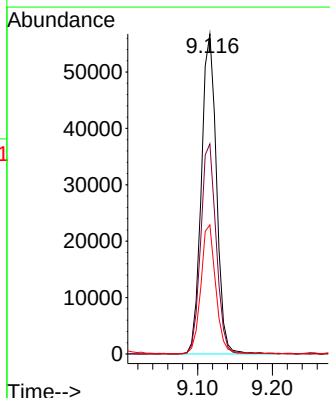
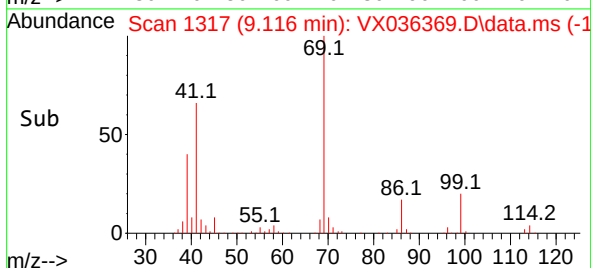
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

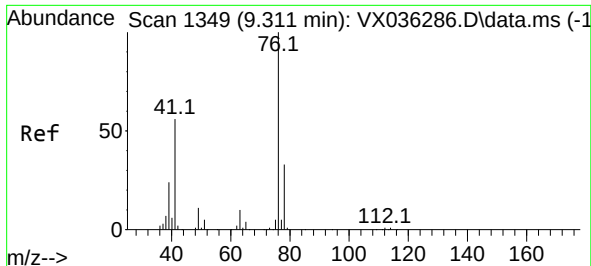


#56
Ethyl methacrylate
Concen: 20.163 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.5	56.8	85.2
39	39.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.493 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 76 Resp: 8817

Ion Ratio Lower Upper

76 100

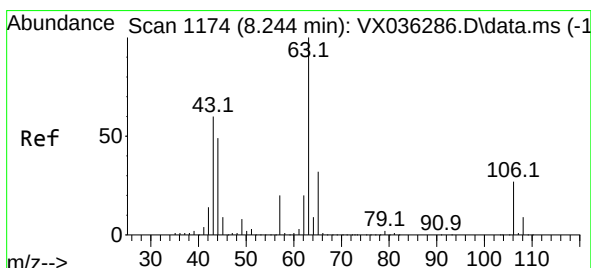
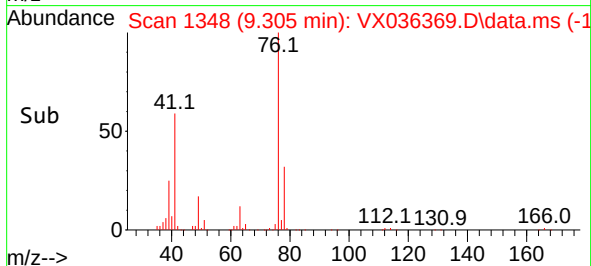
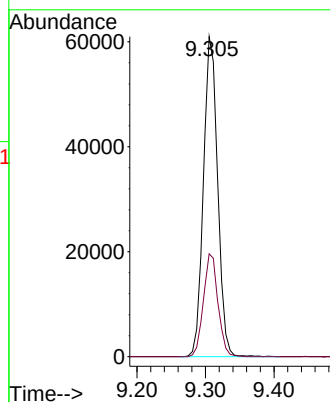
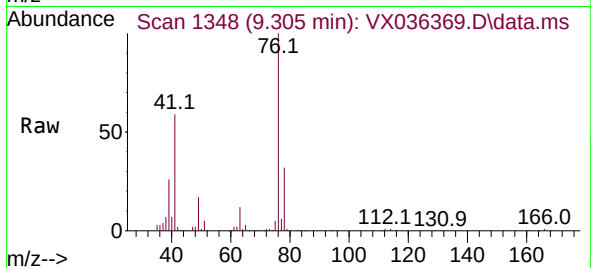
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.292 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036369.D

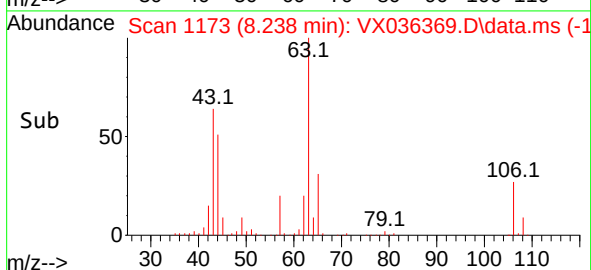
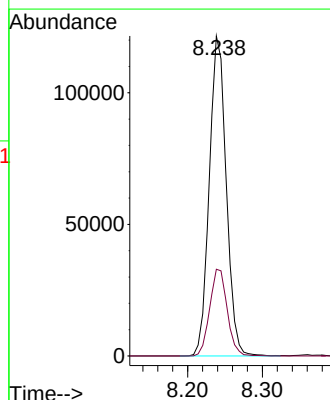
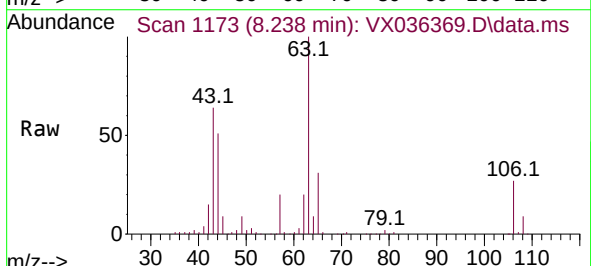
Acq: 29 Jun 2023 11:27

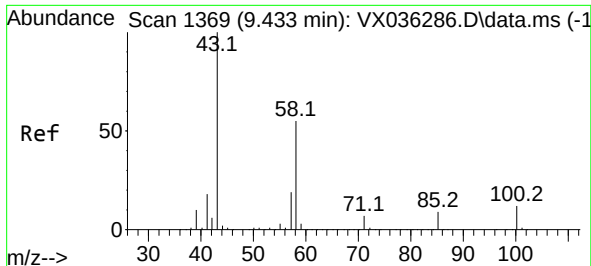
Tgt Ion: 63 Resp: 191455

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7





#59

2-Hexanone

Concen: 98.776 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion: 43 Resp: 27106

Ion Ratio Lower Upper

43 100

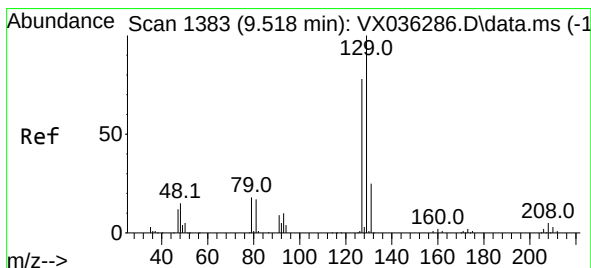
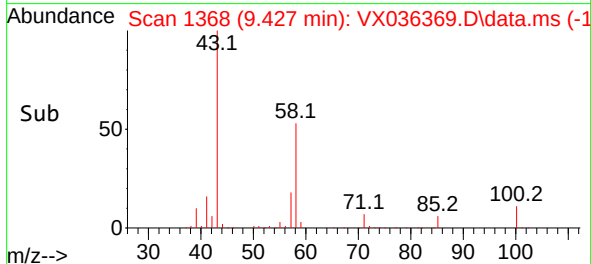
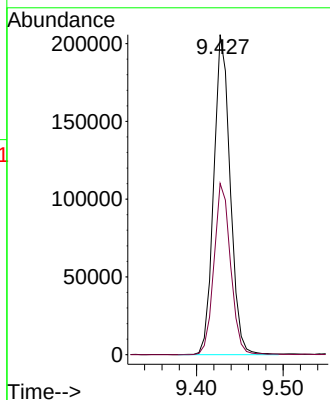
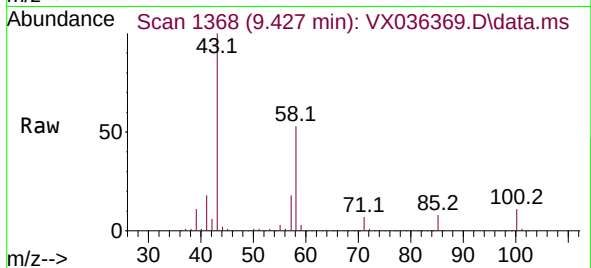
58 54.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#60

Dibromochloromethane

Concen: 20.699 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036369.D

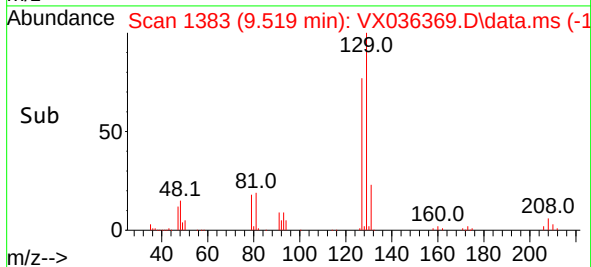
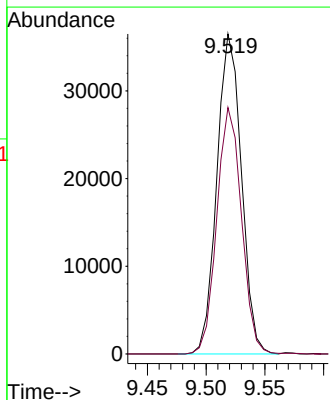
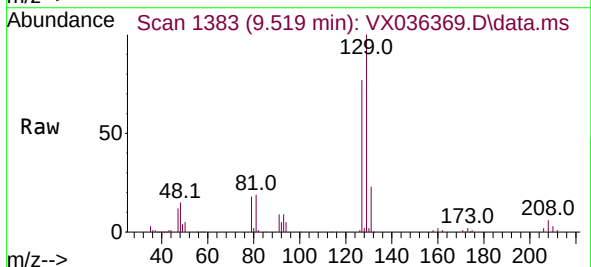
Acq: 29 Jun 2023 11:27

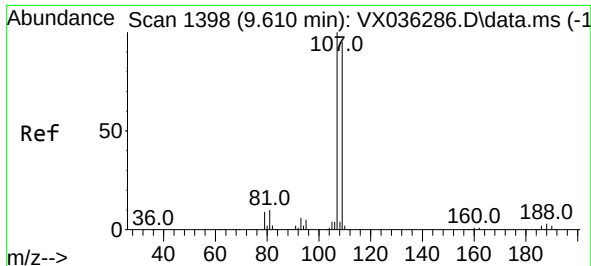
Tgt Ion:129 Resp: 53081

Ion Ratio Lower Upper

129 100

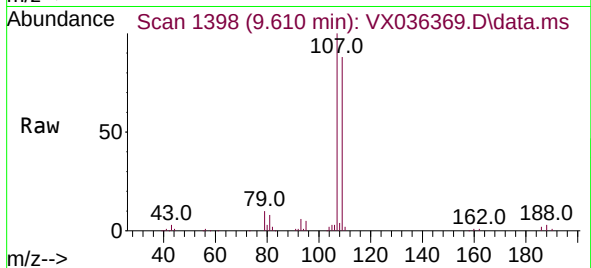
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.103 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

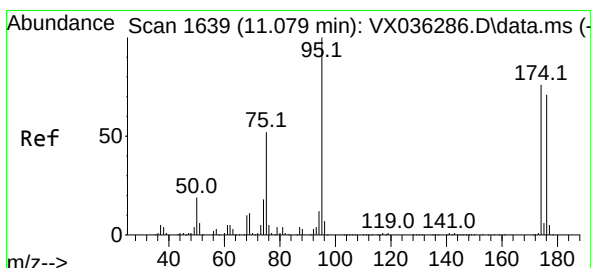
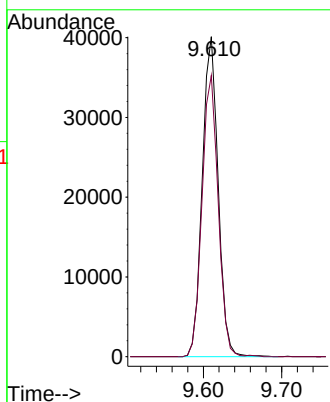
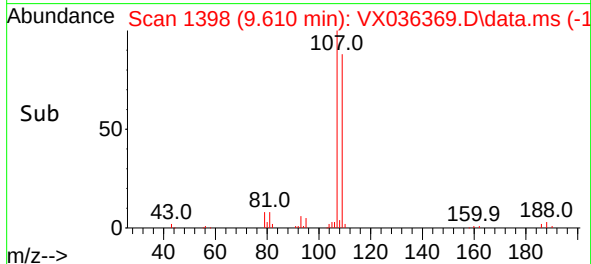
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



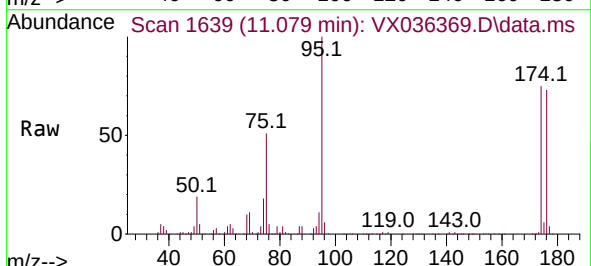
Tgt Ion:107 Resp: 5631
Ion Ratio Lower Upper
107 100
109 89.6 75.2 112.8

Manual Integrations
APPROVED

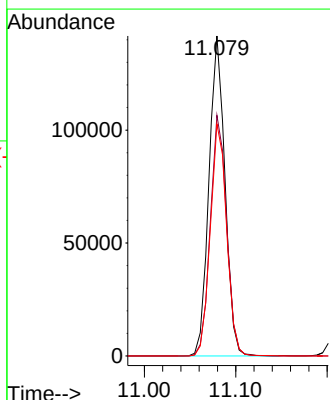
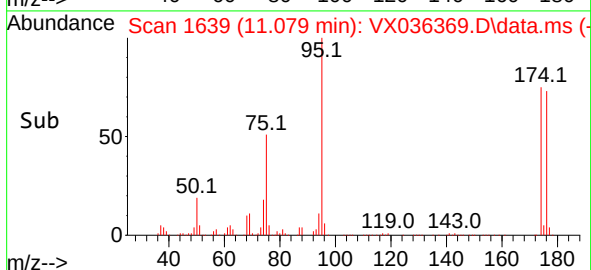
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

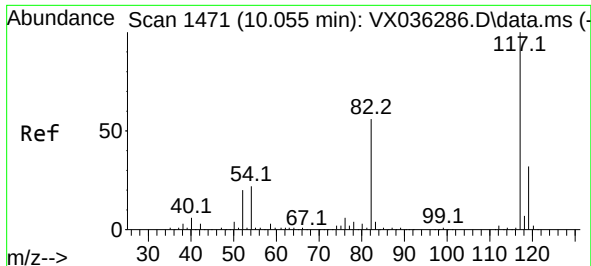


#62
4-Bromofluorobenzene
Concen: 54.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



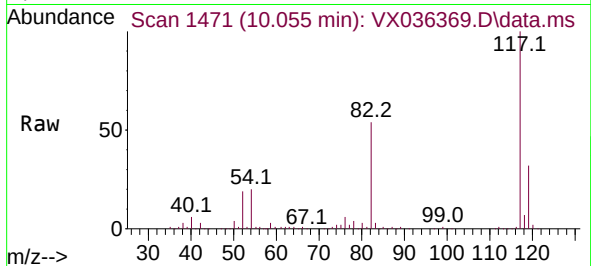
Tgt Ion: 95 Resp: 171984
Ion Ratio Lower Upper
95 100
174 76.7 0.0 135.6
176 74.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

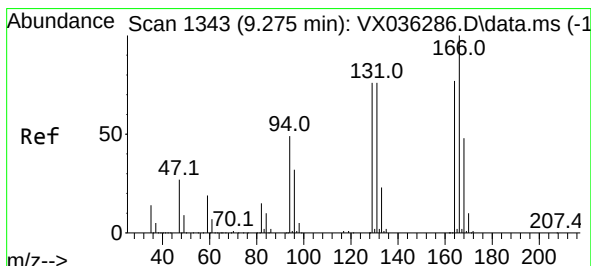
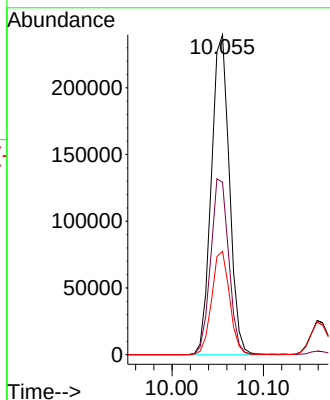
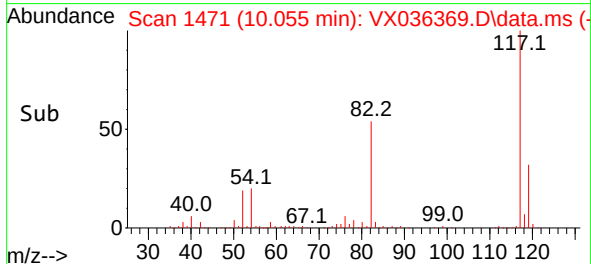
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion:117 Resp: 328037
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.3 25.5 38.3

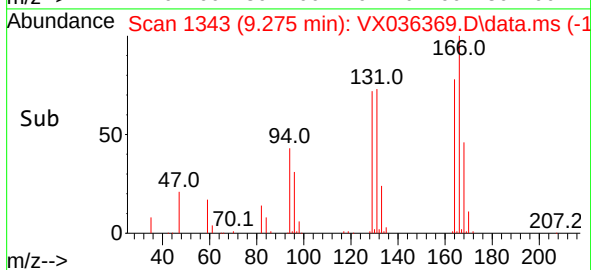
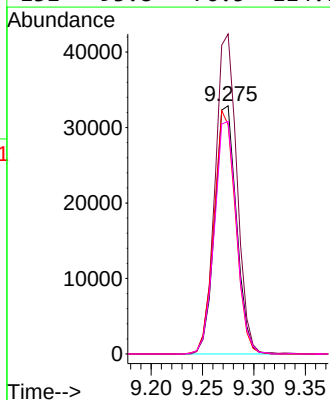
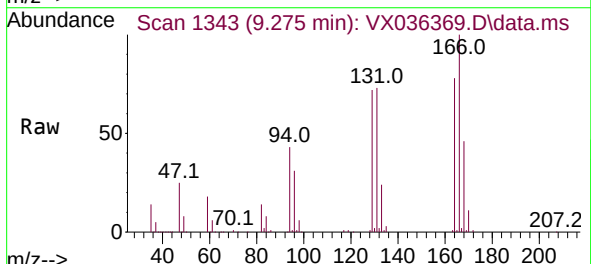
Manual Integrations
APPROVED

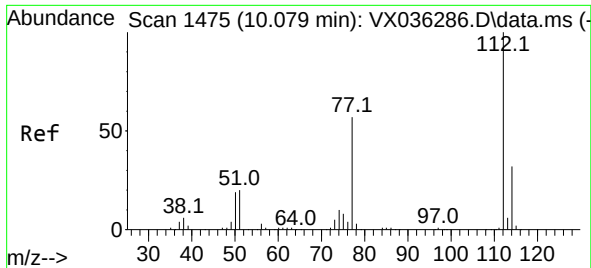
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#64
Tetrachloroethene
Concen: 20.739 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion:164 Resp: 48037
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 92.4 80.4 120.6
131 93.8 76.5 114.7





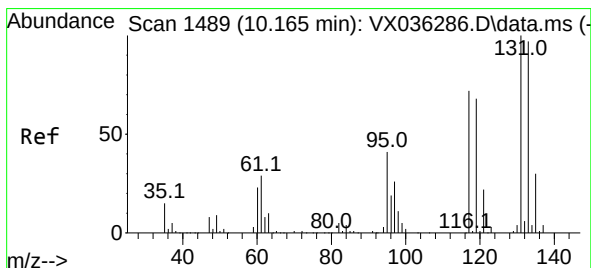
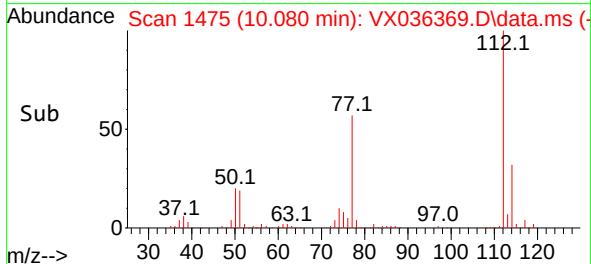
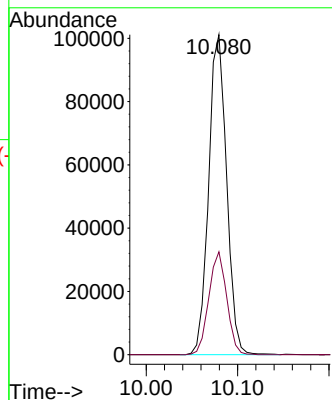
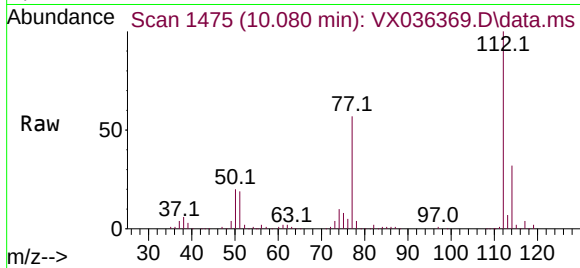
#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion:112 Resp: 137688
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

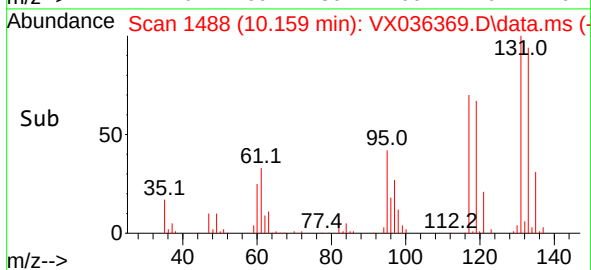
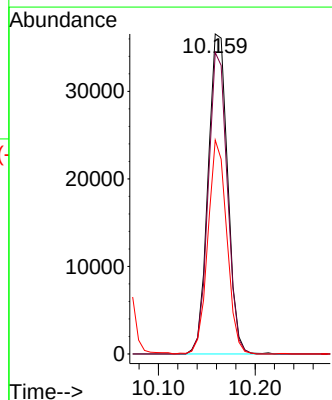
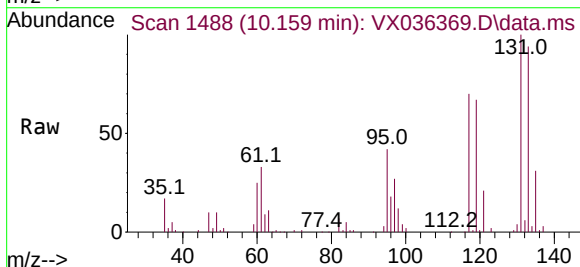
Manual Integrations
APPROVED

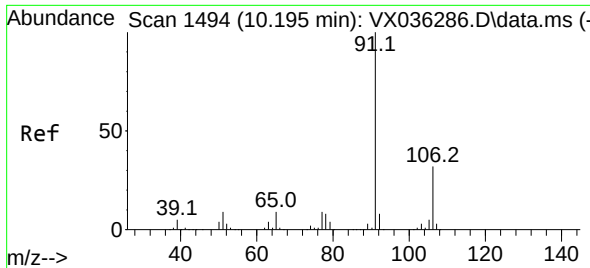
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.057 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

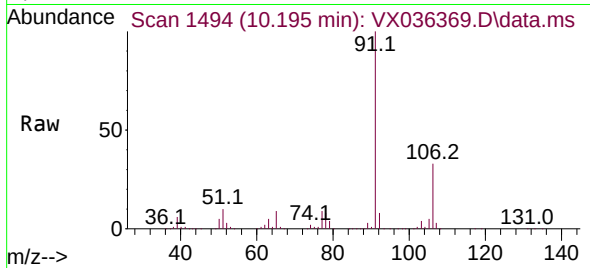
Tgt Ion:131 Resp: 51412
Ion Ratio Lower Upper
131 100
133 91.9 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 19.899 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

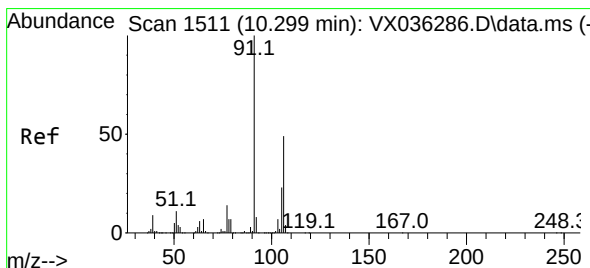
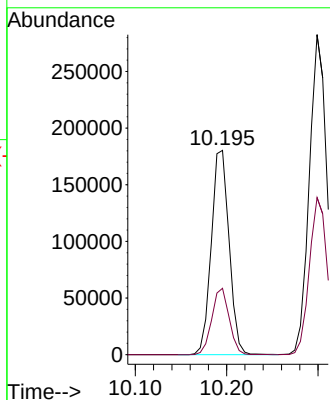
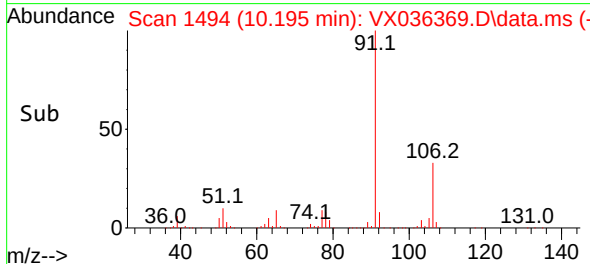
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



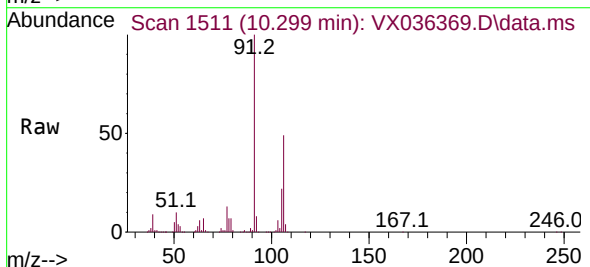
Tgt Ion: 91 Resp: 243948
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

Manual Integrations
APPROVED

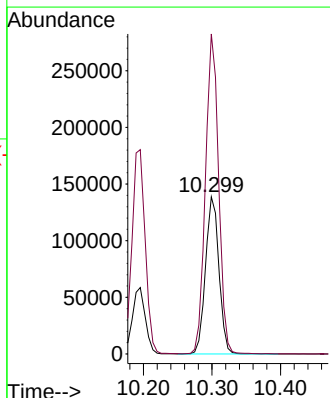
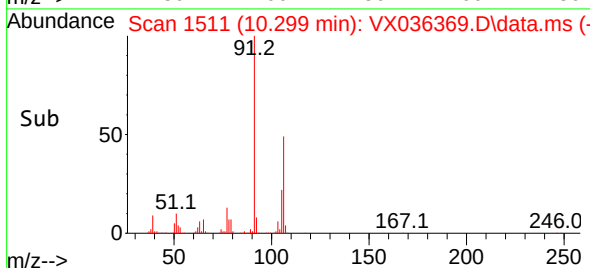
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

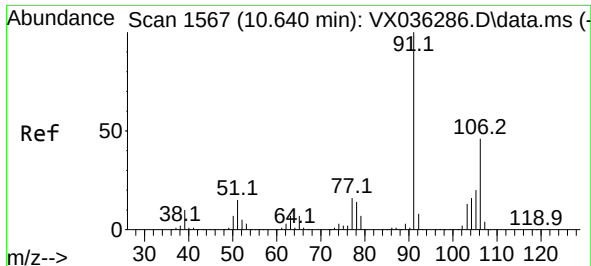


#68
m/p-Xylenes
Concen: 39.760 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



Tgt Ion:106 Resp: 189377
Ion Ratio Lower Upper
106 100
91 200.2 165.5 248.3





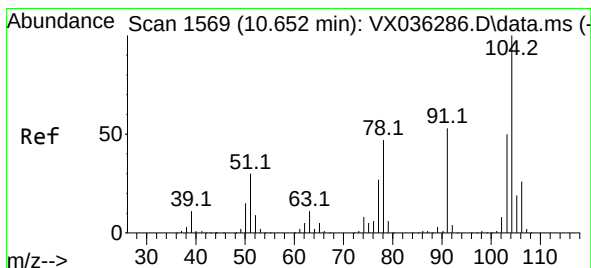
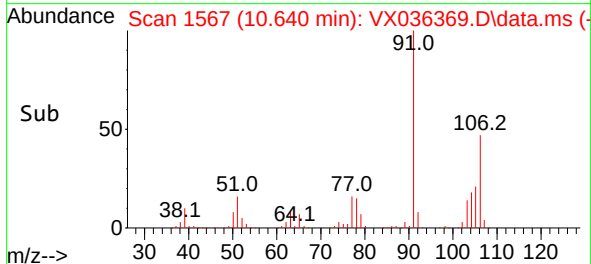
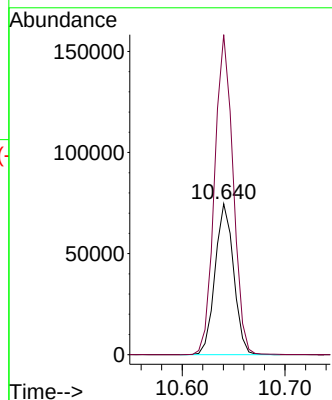
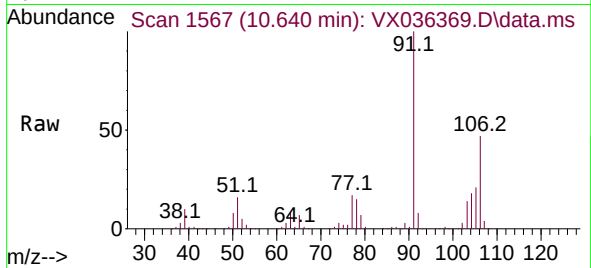
#69
o-Xylene
Concen: 20.303 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tgt Ion:106 Resp: 93380
Ion Ratio Lower Upper
106 100
91 212.1 108.9 326.8

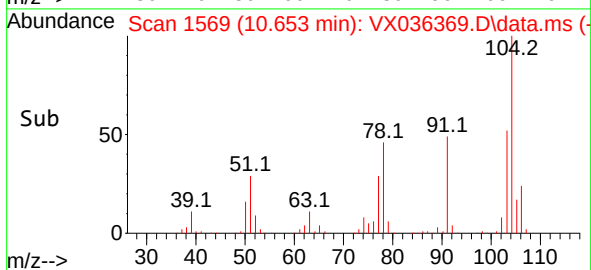
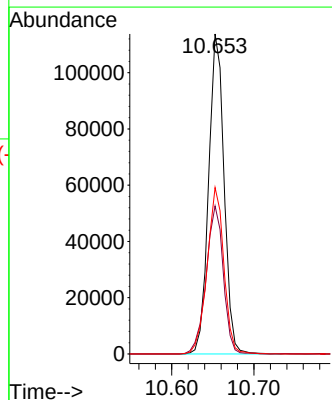
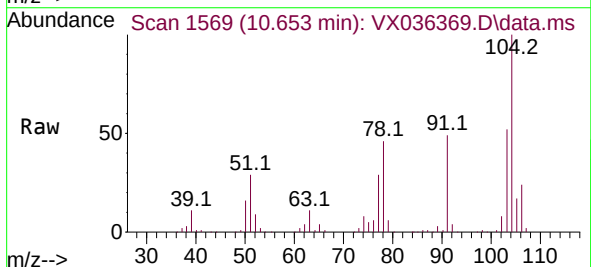
Manual Integrations
APPROVED

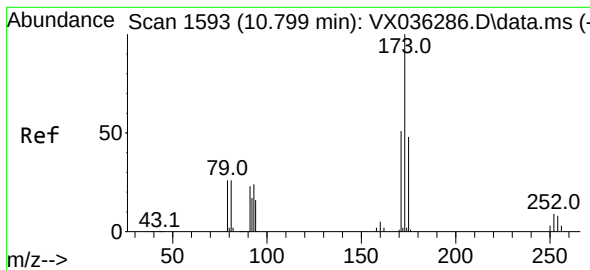
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#70
Styrene
Concen: 19.726 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

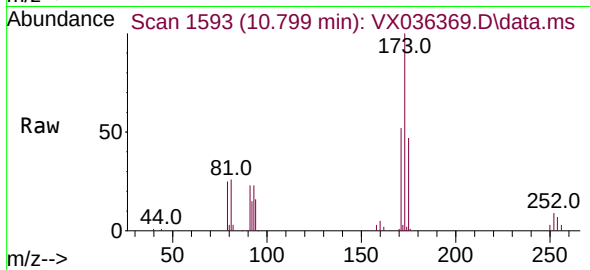
Tgt Ion:104 Resp: 148555
Ion Ratio Lower Upper
104 100
78 51.3 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 21.134 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

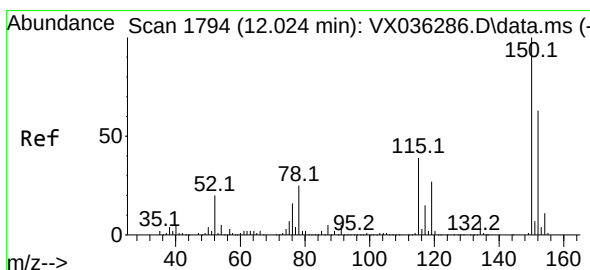
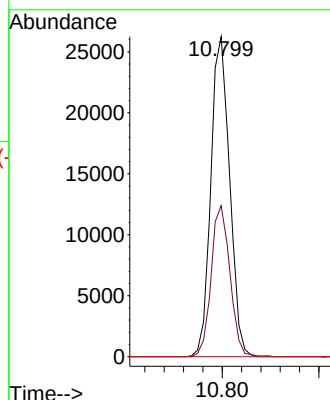
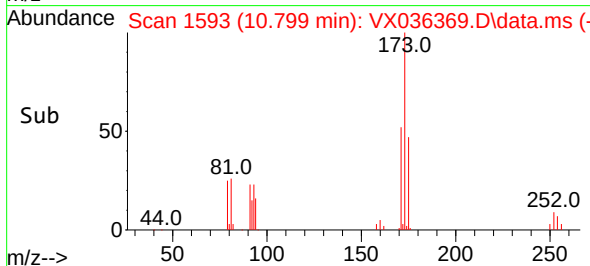
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



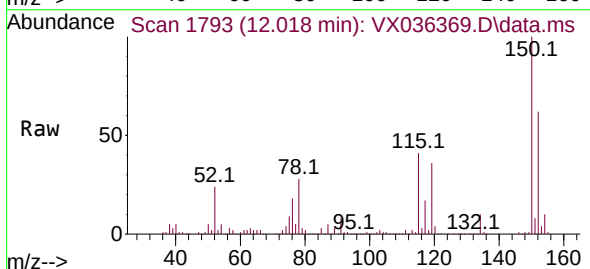
Tgt Ion:173 Resp: 3533
Ion Ratio Lower Upper
173 100
175 46.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

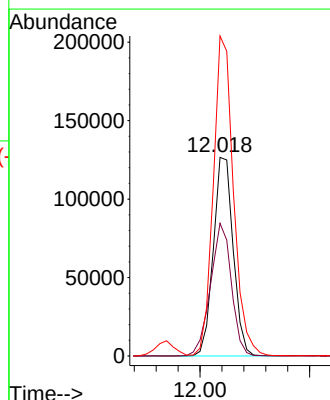
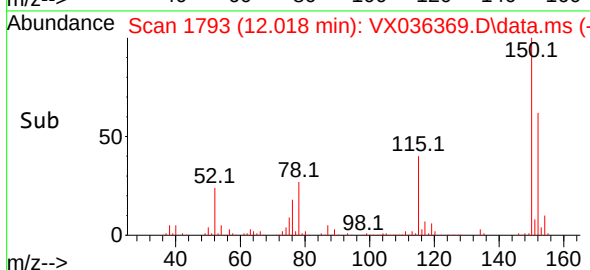
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

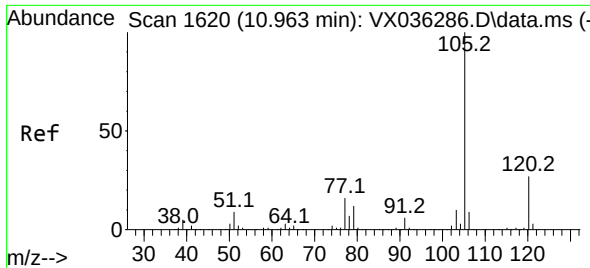


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



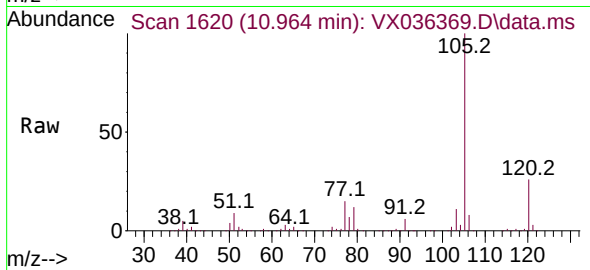
Tgt Ion:152 Resp: 159155
Ion Ratio Lower Upper
152 100
115 70.2 43.3 129.9
150 163.8 0.0 345.0





#73
Isopropylbenzene
Concen: 20.314 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

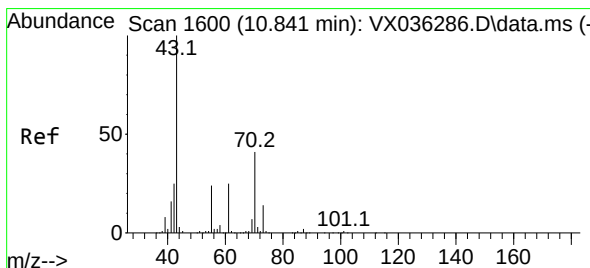
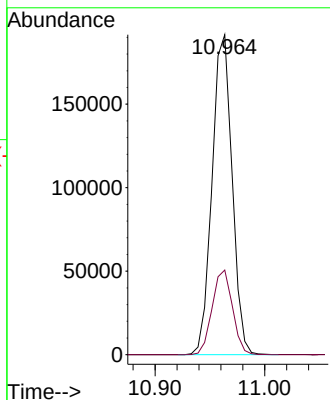
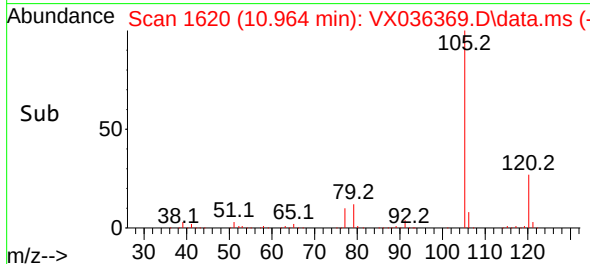
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



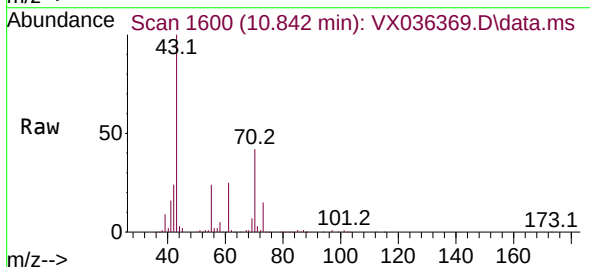
Tgt Ion:105 Resp: 243648
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

Manual Integrations
APPROVED

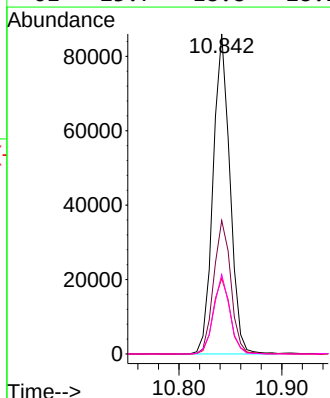
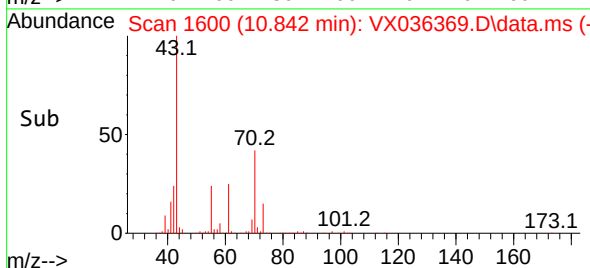
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

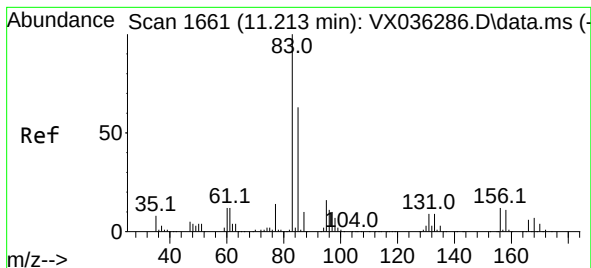


#74
N-ethyl acetate
Concen: 20.615 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



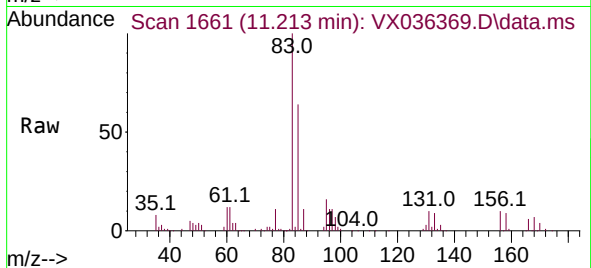
Tgt Ion: 43 Resp: 97802
Ion Ratio Lower Upper
43 100
70 42.2 32.9 49.3
55 23.8 19.3 28.9
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.284 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

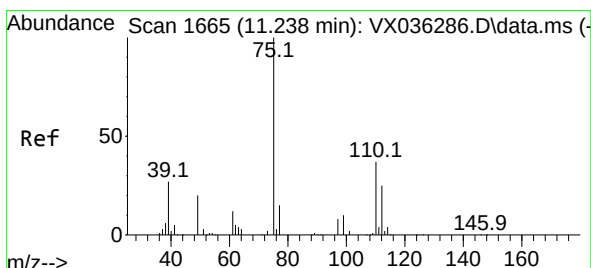
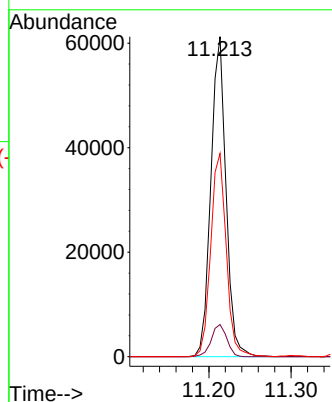
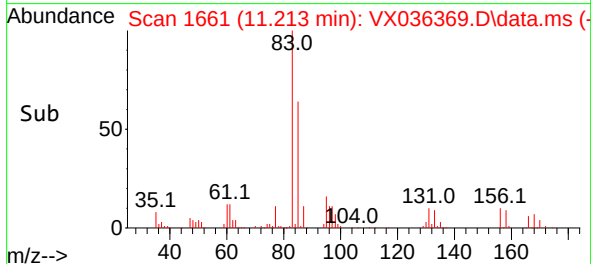
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



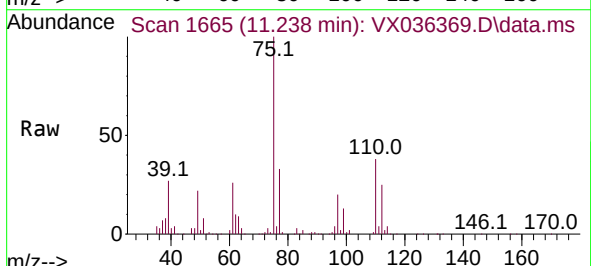
Tgt Ion: 83 Resp: 78325
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.2 32.0 96.2

Manual Integrations
APPROVED

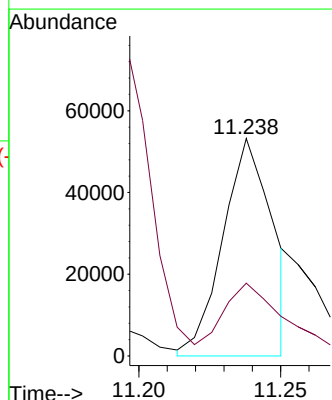
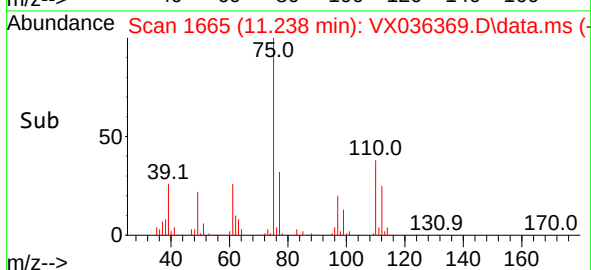
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

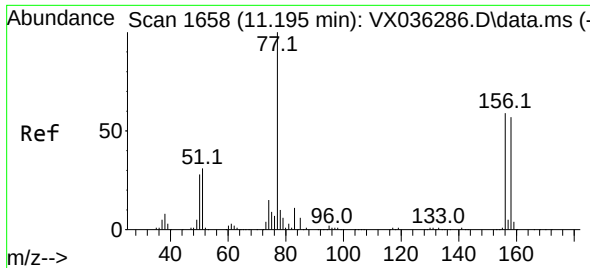


#76
1,2,3-Trichloropropane
Concen: 19.064 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



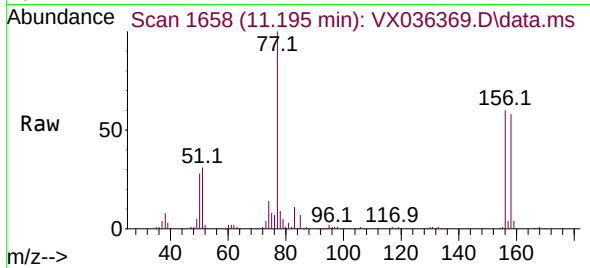
Tgt Ion: 75 Resp: 64720
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77
Bromobenzene
Concen: 19.713 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

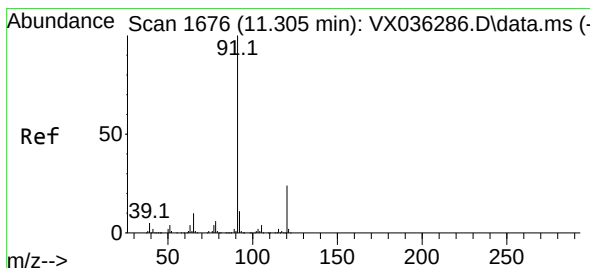
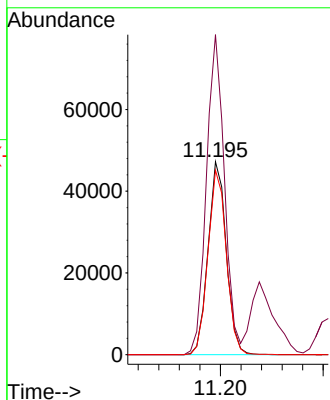
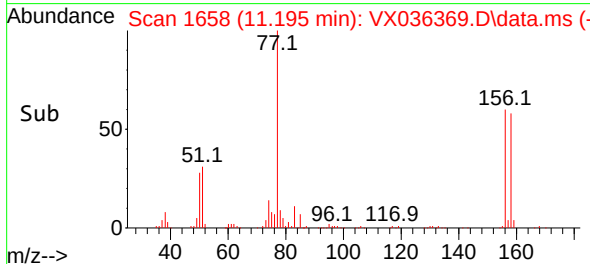
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



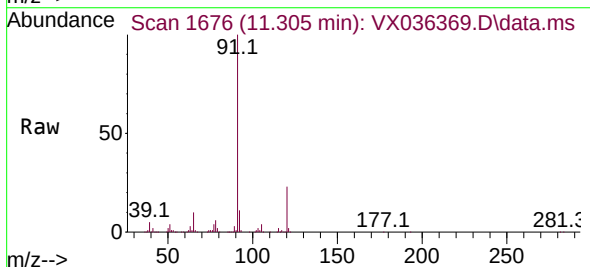
Tgt Ion: 156 Resp: 58139
Ion Ratio Lower Upper
156 100
77 164.1 88.4 265.3
158 96.4 48.0 144.0

Manual Integrations
APPROVED

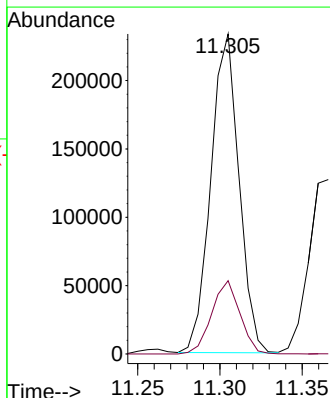
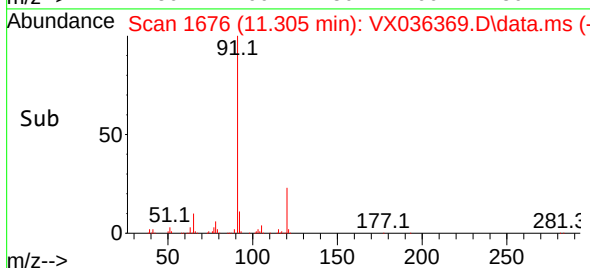
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

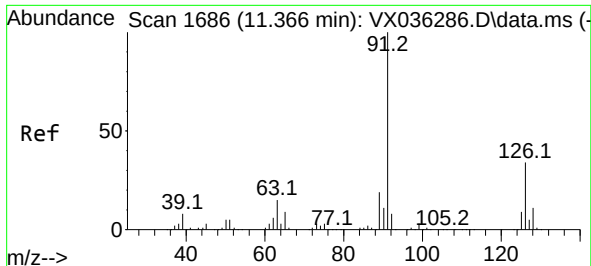


#78
n-propylbenzene
Concen: 19.862 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



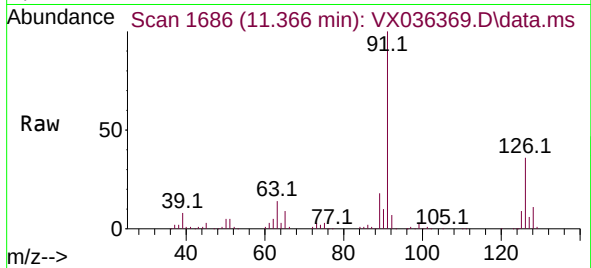
Tgt Ion: 91 Resp: 278214
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.609 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

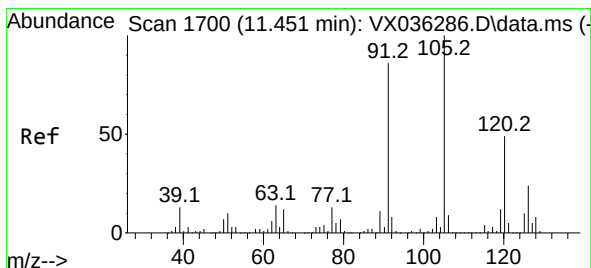
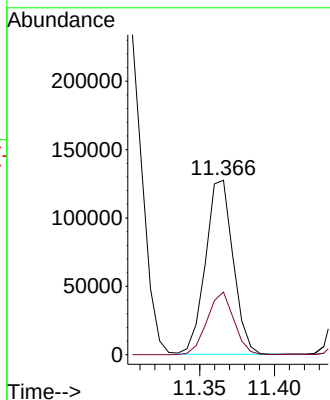
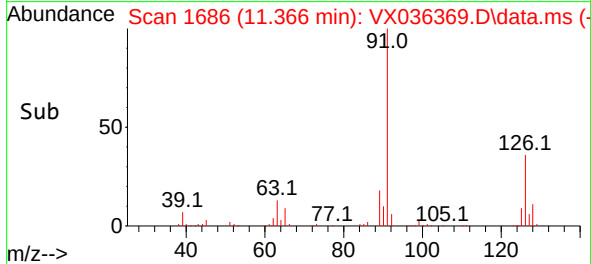
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



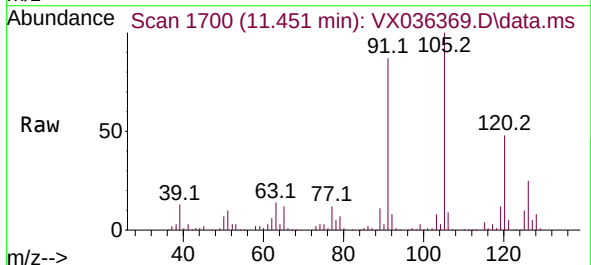
Tgt Ion: 91 Resp: 163398
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

Manual Integrations
APPROVED

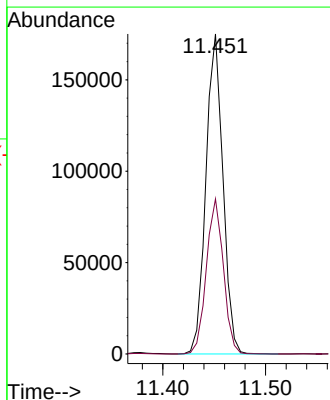
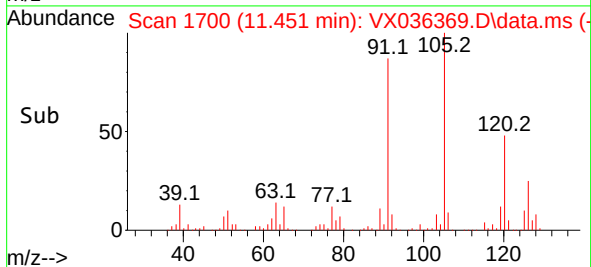
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

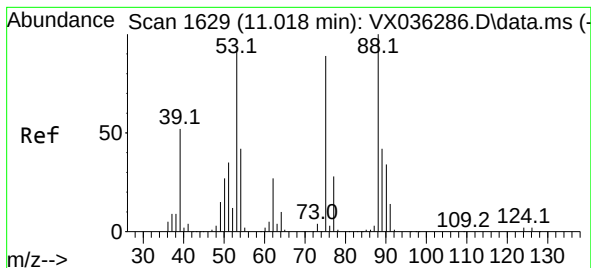


#80
1,3,5-Trimethylbenzene
Concen: 19.832 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



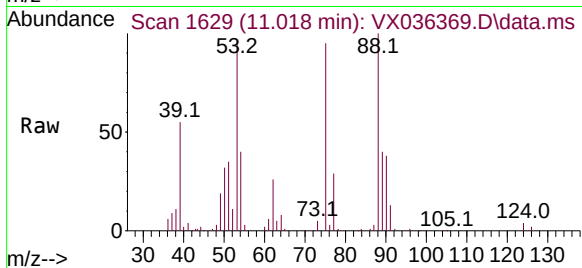
Tgt Ion:105 Resp: 201439
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.076 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

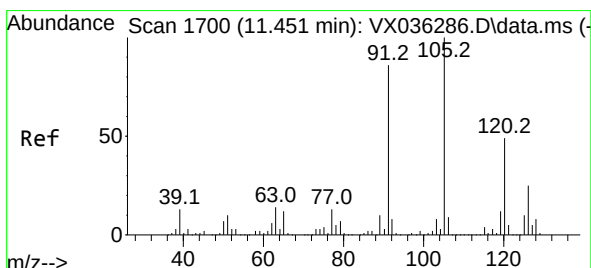
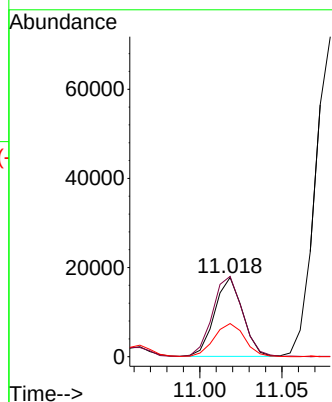
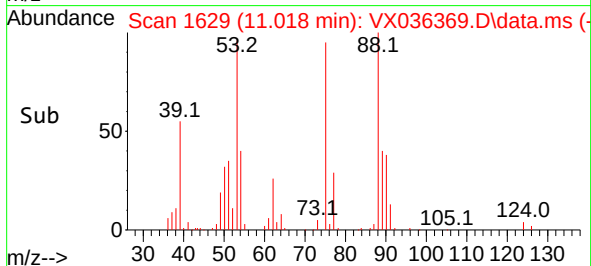
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



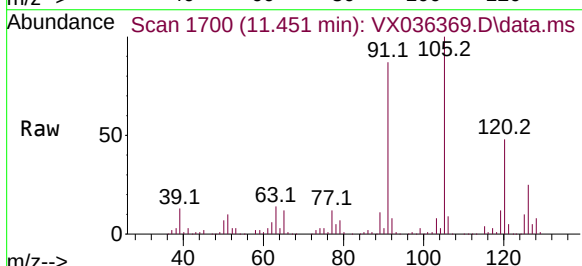
Tgt Ion: 75 Resp: 20908
Ion Ratio Lower Upper
75 100
53 109.8 90.5 135.7
89 46.0 36.9 55.3

Manual Integrations
APPROVED

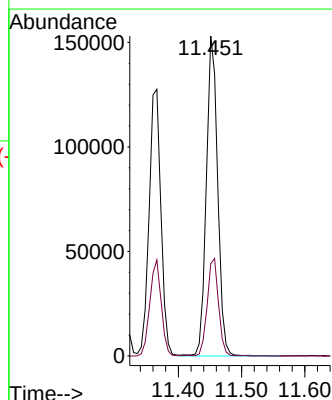
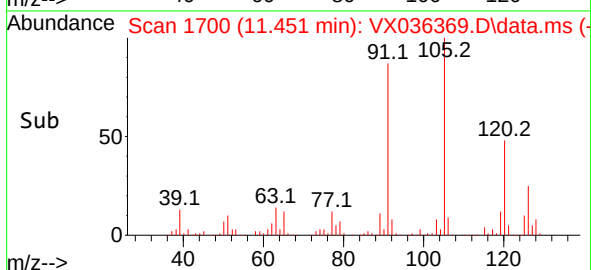
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

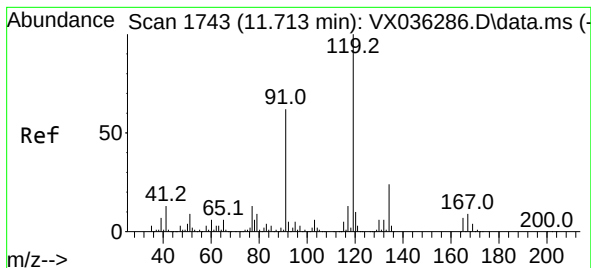


#82
4-Chlorotoluene
Concen: 19.719 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



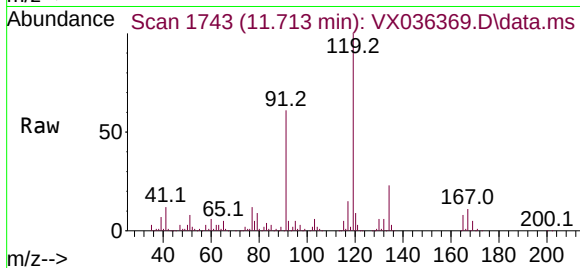
Tgt Ion: 91 Resp: 191293
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.938 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

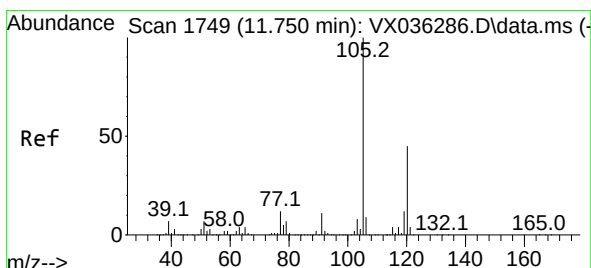
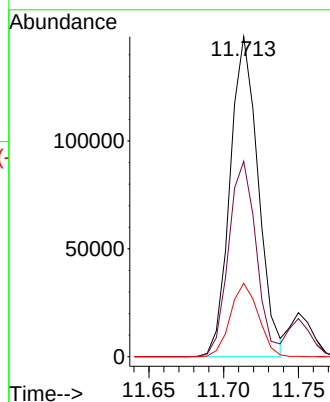
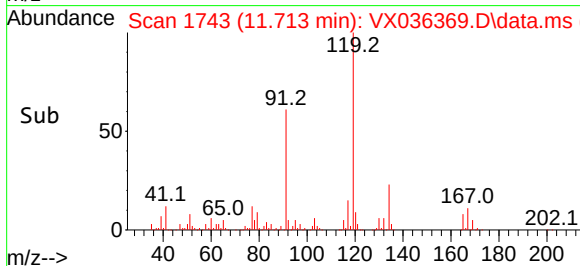
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion:119 Resp: 194083
Ion Ratio Lower Upper
119 100
91 60.5 31.2 93.6
134 22.8 11.7 35.0

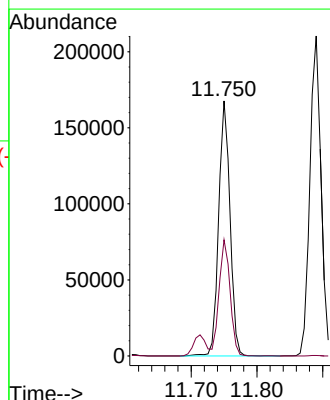
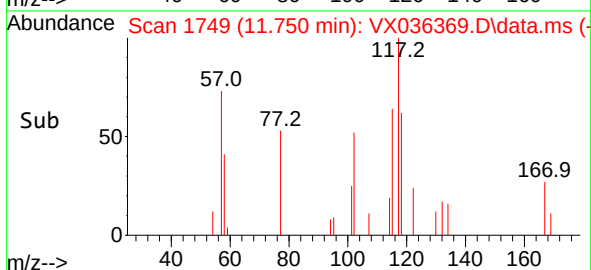
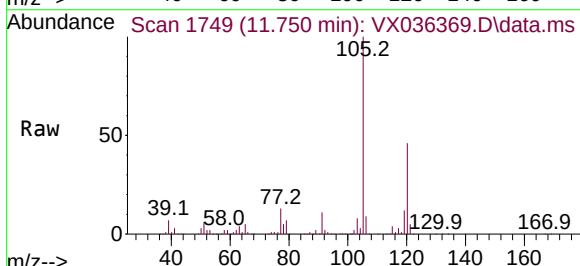
Manual Integrations
APPROVED

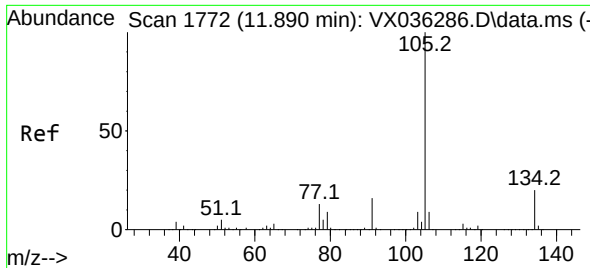
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.995 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

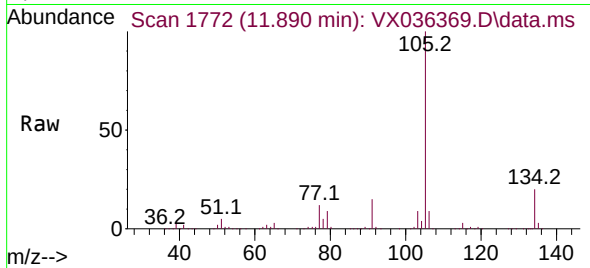
Tgt Ion:105 Resp: 200931
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.105 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036369.D
 Acq: 29 Jun 2023 11:27

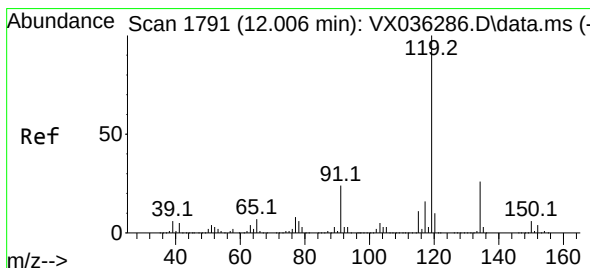
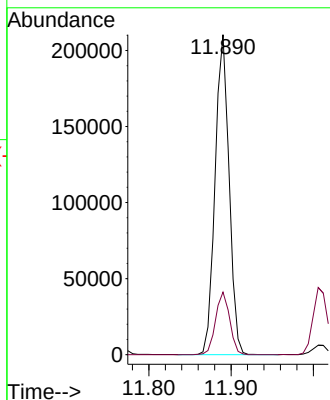
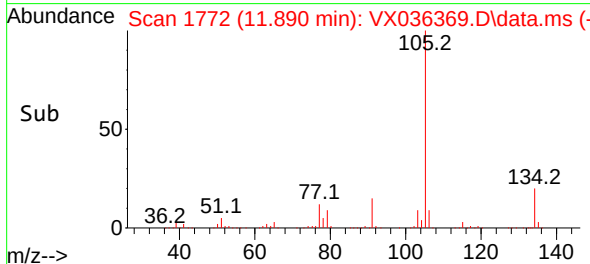
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01



Tgt Ion:105 Resp: 247940
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

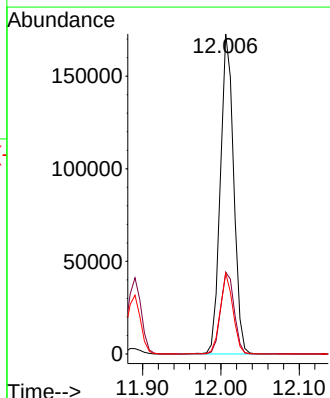
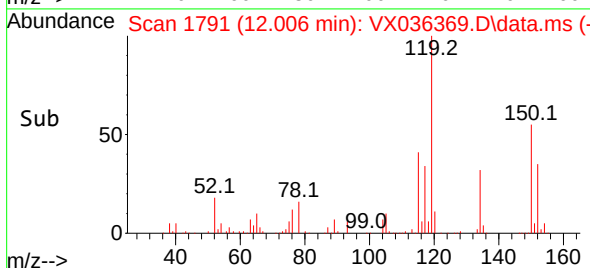
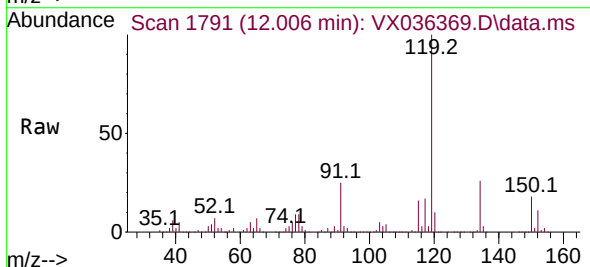
Manual Integrations
 APPROVED

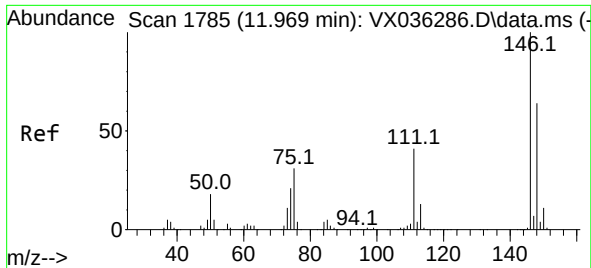
Reviewed By :John Carlone 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023



#86
 p-Isopropyltoluene
 Concen: 19.780 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036369.D
 Acq: 29 Jun 2023 11:27

Tgt Ion:119 Resp: 204714
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.221 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tgt Ion:146 Resp: 10964

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.1

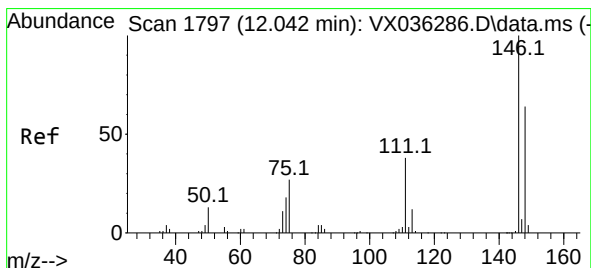
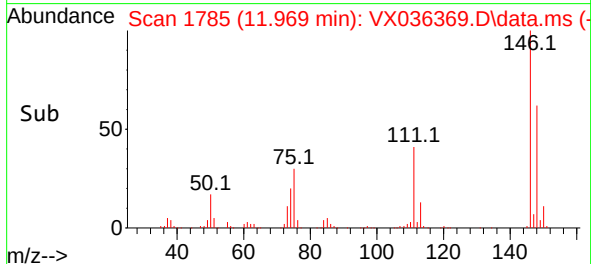
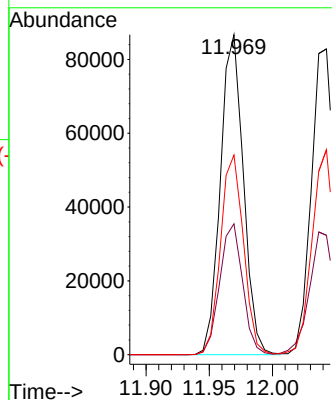
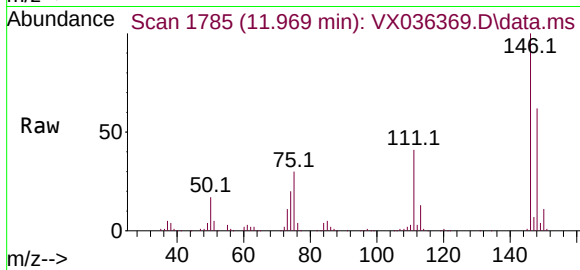
148 62.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#88

1,4-Dichlorobenzene

Concen: 19.647 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

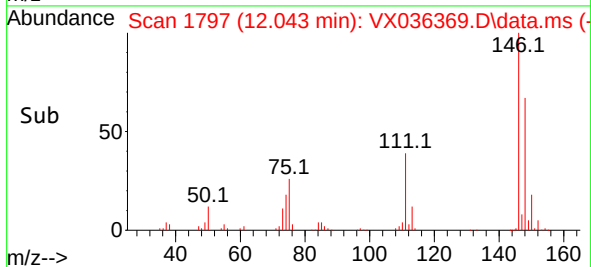
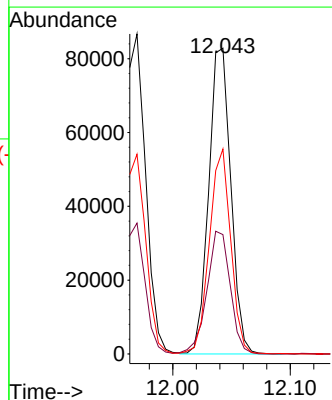
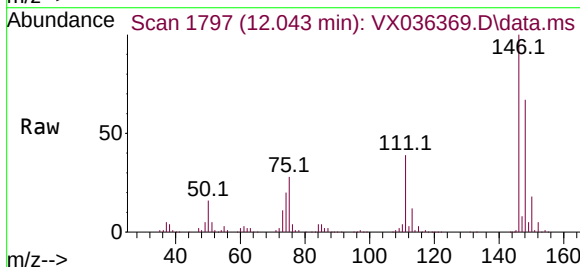
Tgt Ion:146 Resp: 108477

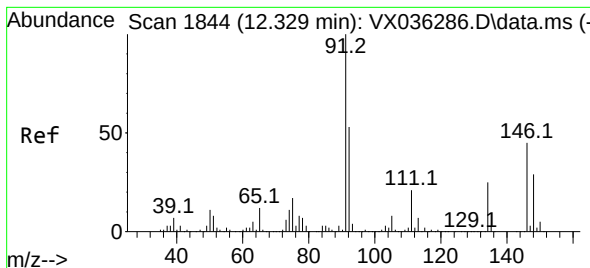
Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

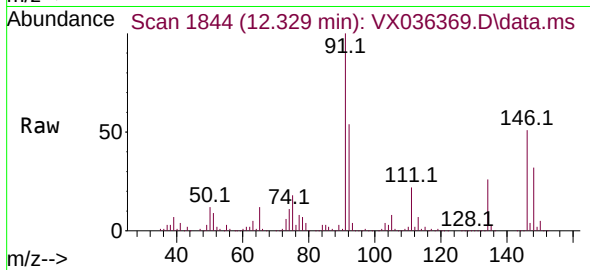
148 65.0 31.8 95.4





#89
n-Butylbenzene
Concen: 19.135 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

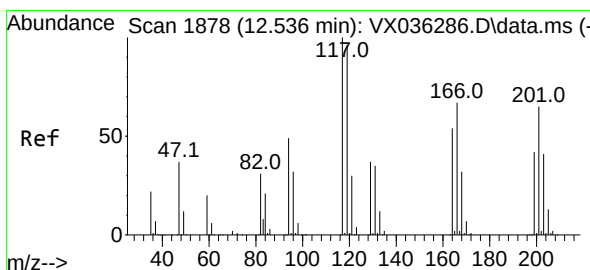
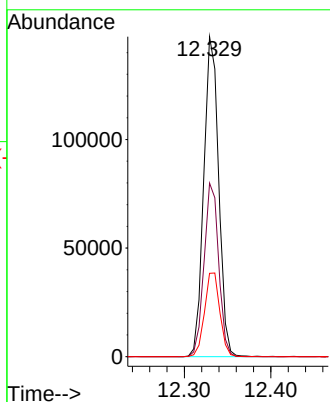
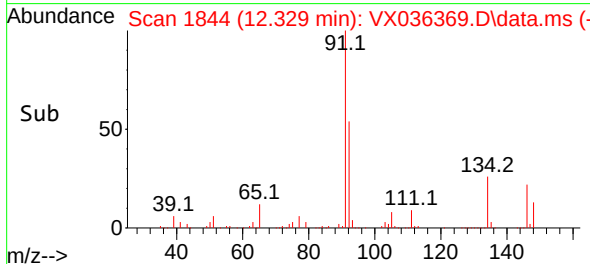
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



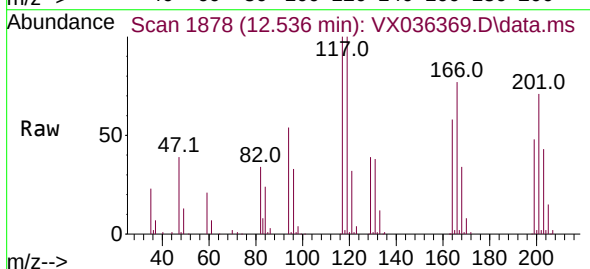
Tgt Ion: 91 Resp: 176248
Ion Ratio Lower Upper
91 100
92 53.3 27.4 82.0
134 27.0 12.6 37.8

Manual Integrations
APPROVED

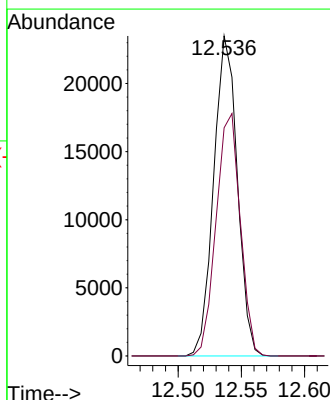
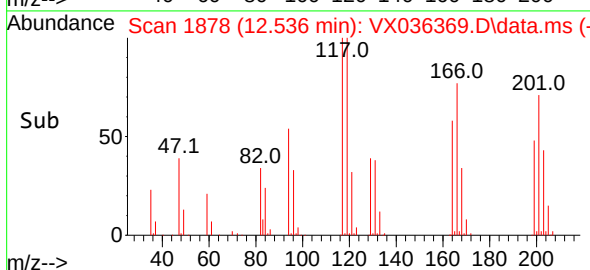
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

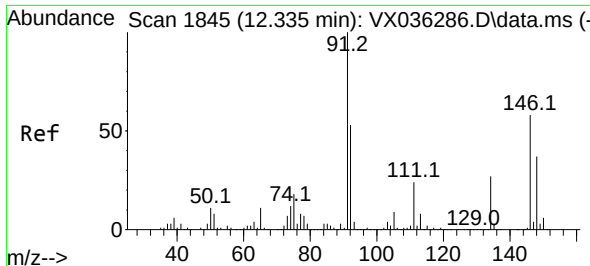


#90
Hexachloroethane
Concen: 19.395 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27



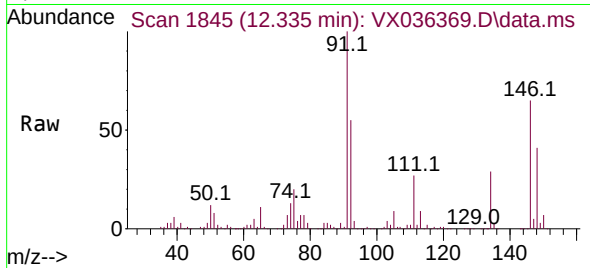
Tgt Ion:117 Resp: 30402
Ion Ratio Lower Upper
117 100
201 77.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.374 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

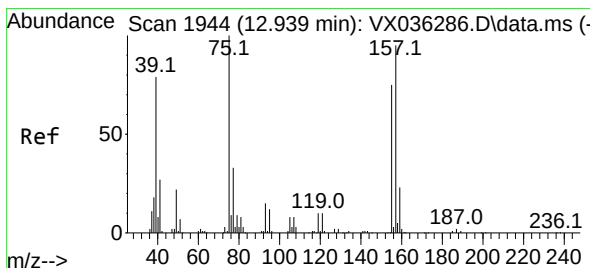
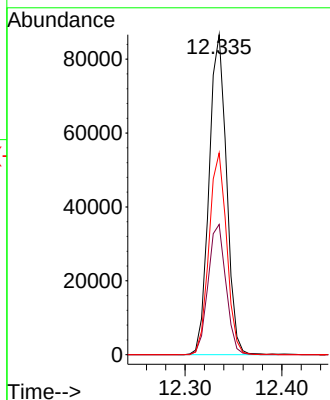
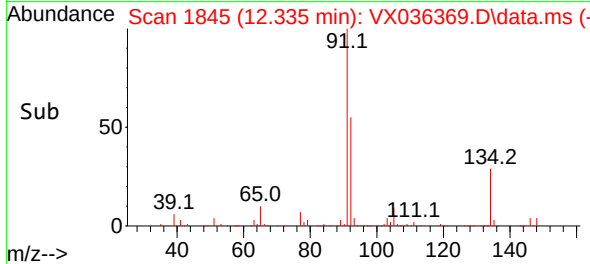
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01



Tgt Ion:146 Resp: 108780
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.6 31.6 95.0

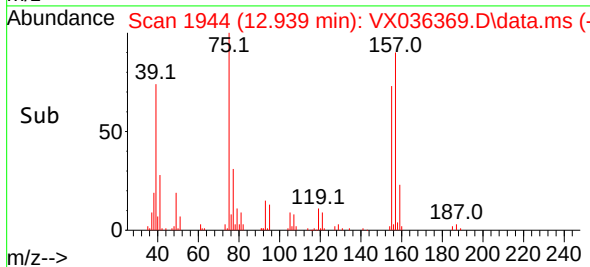
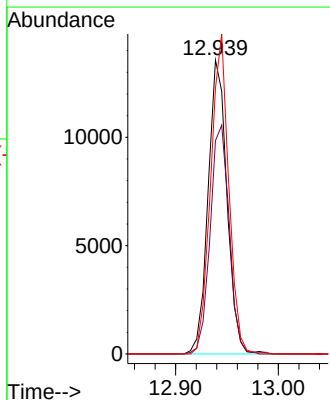
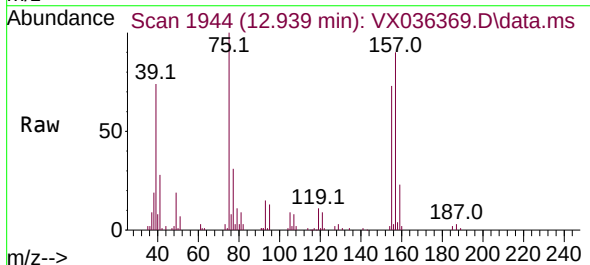
Manual Integrations
APPROVED

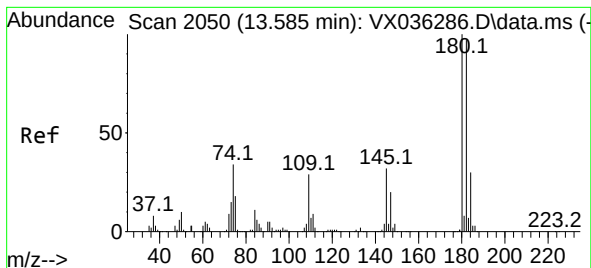
Reviewed By :John Carlone 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.441 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036369.D
Acq: 29 Jun 2023 11:27

Tgt Ion: 75 Resp: 17313
Ion Ratio Lower Upper
75 100
155 78.3 36.1 108.5
157 103.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.942 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

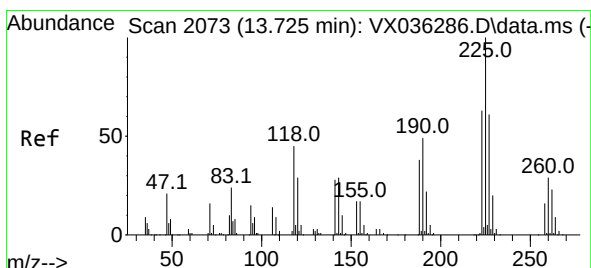
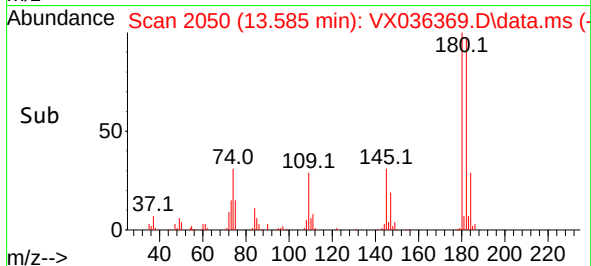
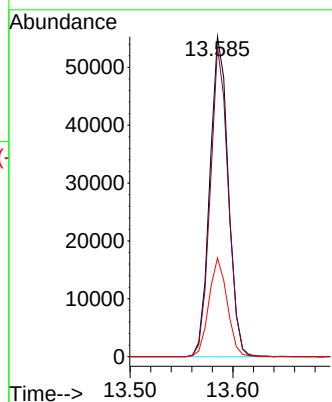
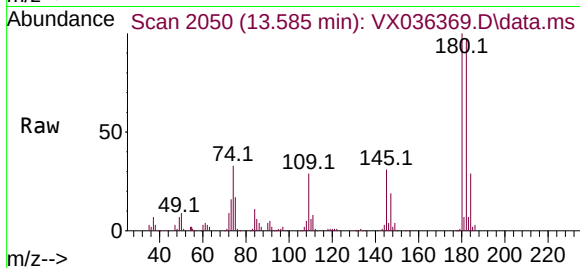
Tgt Ion:180	Resp:	68870
Ion Ratio	Lower	Upper
180	100	
182	93.9	48.3 144.8
145	30.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#94

Hexachlorobutadiene

Concen: 21.004 ug/l

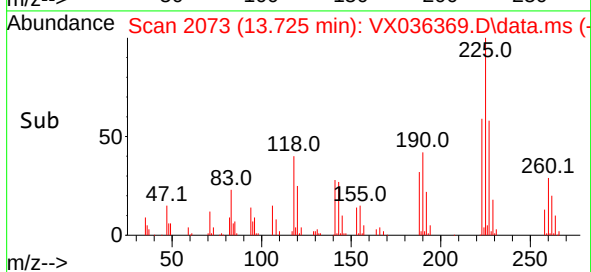
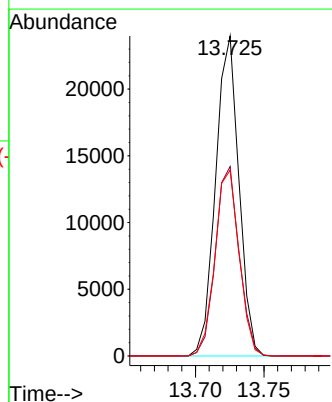
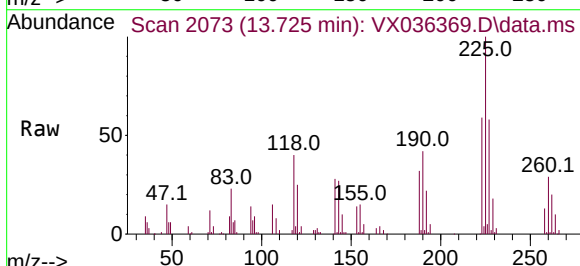
RT: 13.725 min Scan# 2073

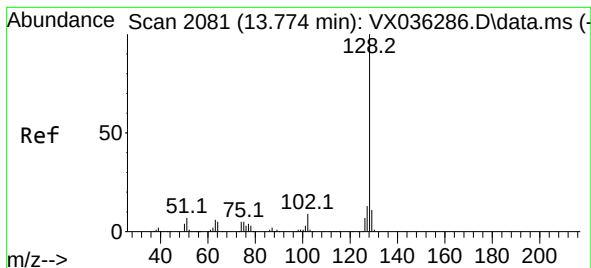
Delta R.T. 0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Tgt Ion:225	Resp:	28290
Ion Ratio	Lower	Upper
225	100	
223	60.4	31.1 93.2
227	60.3	32.5 97.5





#95

Naphthalene

Concen: 21.217 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

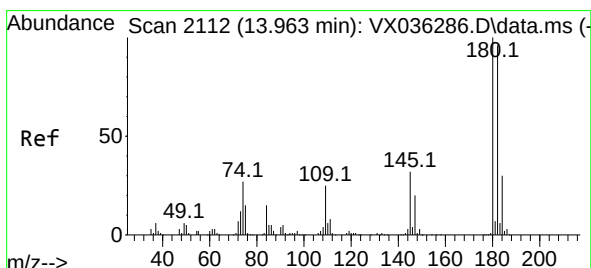
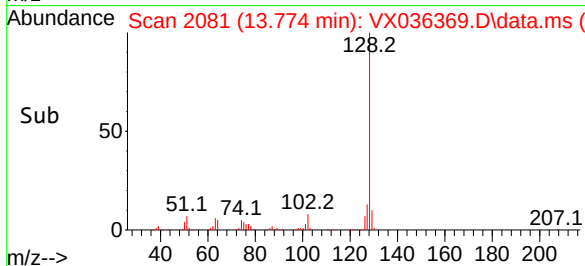
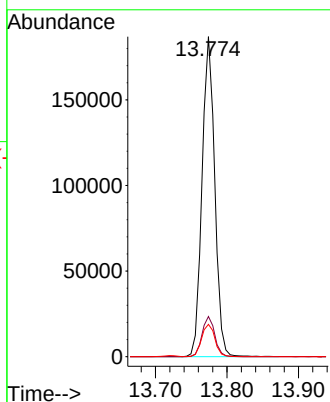
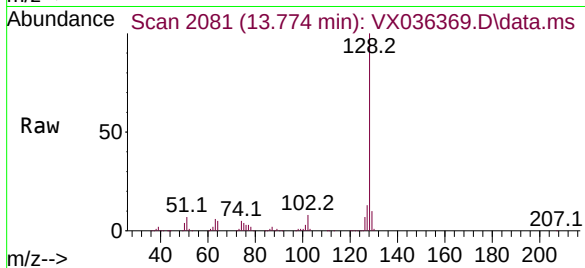
Tgt Ion:	128	Resp:	23051
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.382 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX036369.D

Acq: 29 Jun 2023 11:27

Tgt Ion:	180	Resp:	68590
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.9	140.6
145	33.7	17.8	53.5

