

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031915.D
 Acq On : 06 Oct 2022 12:35
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:13:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65076	59.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.140%			
35) Dibromofluoromethane	5.385	113	57535	50.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.653	98	210143	51.906	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.079	95	77400	52.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52736	62.952	ug/l	96
3) Chloromethane	1.288	50	50377	66.225	ug/l	96
4) Vinyl Chloride	1.373	62	60603	63.033	ug/l	100
5) Bromomethane	1.611	94	41419	48.479	ug/l	98
6) Chloroethane	1.684	64	56331	67.796	ug/l	95
7) Trichlorofluoromethane	1.885	101	107855	55.480	ug/l	96
8) Diethyl Ether	2.135	74	38982	58.684	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	55206	58.273	ug/l	91
10) Methyl Iodide	2.452	142	57966	61.786	ug/l	99
11) Tert butyl alcohol	3.007	59	41687m	250.413	ug/l	
12) 1,1-Dichloroethene	2.318	96	51526	57.502	ug/l	88
13) Acrolein	2.239	56	26116	267.155	ug/l	99
14) Allyl chloride	2.666	41	74913	75.393	ug/l	96
15) Acrylonitrile	3.068	53	138309	335.062	ug/l	99
16) Acetone	2.392	43	109367	335.323	ug/l	92
17) Carbon Disulfide	2.513	76	112009	62.677	ug/l	98
18) Methyl Acetate	2.709	43	78213	73.053	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	176993	63.482	ug/l	97
20) Methylene Chloride	2.788	84	57850	56.106	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	56673	56.823	ug/l	91
22) Diisopropyl ether	3.763	45	167366	72.225	ug/l	95
23) Vinyl Acetate	3.721	43	659370	382.281	ug/l	96
24) 1,1-Dichloroethane	3.611	63	98723	64.465	ug/l	99
25) 2-Butanone	4.562	43	182768	350.249	ug/l	95
26) 2,2-Dichloropropane	4.476	77	75442	65.847	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	68302	58.286	ug/l	87
28) Bromochloromethane	4.897	49	43276	69.588	ug/l #	81
29) Tetrahydrofuran	5.013	42	118924	363.342	ug/l	92
30) Chloroform	5.092	83	110879	60.112	ug/l	97
31) Cyclohexane	5.470	56	84527	64.903	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	97830	60.734	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78790	57.999	ug/l	96
37) Ethyl Acetate	4.714	43	74304	68.106	ug/l	98
38) Carbon Tetrachloride	5.677	117	86080	55.007	ug/l	94
39) Methylcyclohexane	7.385	83	96910	56.133	ug/l	91
40) Benzene	6.037	78	232055	56.980	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39774	70.024	ug/l	94
42) 1,2-Dichloroethane	6.092	62	84412	61.251	ug/l	98
43) Isopropyl Acetate	6.342	43	117750	70.485	ug/l	95
44) Trichloroethene	7.128	130	68866	51.156	ug/l	90
45) 1,2-Dichloropropane	7.433	63	57676	62.398	ug/l	99
46) Dibromomethane	7.580	93	44469	55.903	ug/l #	89
47) Bromodichloromethane	7.823	83	82163	60.033	ug/l	98
48) Methyl methacrylate	7.695	41	58491	73.229	ug/l	94
49) 1,4-Dioxane	7.695	88	26454	1056.087	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	387866	344.491	ug/l	96
52) Toluene	8.720	92	156453	54.885	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	83882	67.216	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94049	65.640	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	63970	54.649	ug/l	97
56) Ethyl methacrylate	9.116	69	89968	64.956	ug/l	93
57) 1,3-Dichloropropane	9.311	76	103030	58.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	220855	317.299	ug/l	93
59) 2-Hexanone	9.433	43	286484	350.141	ug/l	94
60) Dibromochloromethane	9.524	129	67192	57.914	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67398	54.666	ug/l	98
64) Tetrachloroethene	9.274	164	66928	48.762	ug/l	96
65) Chlorobenzene	10.079	112	171077	52.815	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	62222	55.012	ug/l	98
67) Ethyl Benzene	10.195	91	297551	56.495	ug/l	99
68) m/p-Xylenes	10.305	106	238653	108.587	ug/l	97
69) o-Xylene	10.640	106	117240	54.326	ug/l	96
70) Styrene	10.658	104	192816	56.674	ug/l	98
71) Bromoform	10.799	173	46295	56.696	ug/l #	100
73) Isopropylbenzene	10.963	105	306946	55.814	ug/l	100
74) N-amyl acetate	10.847	43	103328	78.876	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	92088	59.136	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	82108m	62.750	ug/l	
77) Bromobenzene	11.201	156	75415	51.602	ug/l	93
78) n-propylbenzene	11.305	91	352927	59.459	ug/l	100
79) 2-Chlorotoluene	11.366	91	205615	56.972	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	261036	57.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22845	69.136	ug/l	91
82) 4-Chlorotoluene	11.457	91	240656	58.191	ug/l	99
83) tert-Butylbenzene	11.713	119	256515	56.208	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	259972	57.031	ug/l	98
85) sec-Butylbenzene	11.890	105	318722	57.425	ug/l	99
86) p-Isopropyltoluene	12.012	119	272952	56.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143644	51.914	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	144987	50.908	ug/l	99
89) n-Butylbenzene	12.335	91	229708	62.041	ug/l	99
90) Hexachloroethane	12.542	117	41173	62.726	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	143399	51.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19275	68.908	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	92366	53.077	ug/l	99
94) Hexachlorobutadiene	13.725	225	36068	51.316	ug/l	97
95) Naphthalene	13.780	128	316894	56.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91313	52.121	ug/l	99

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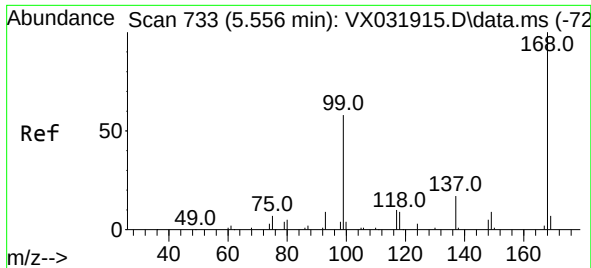
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

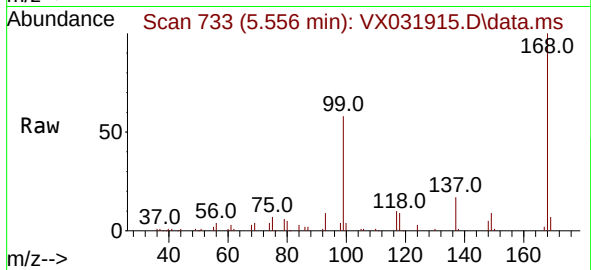
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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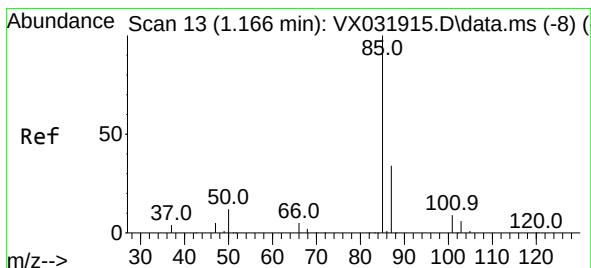
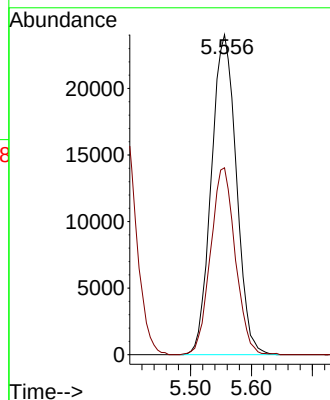
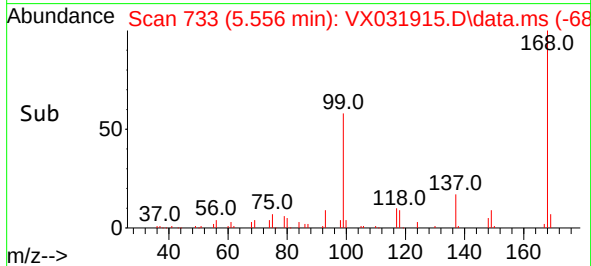
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 6843
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2

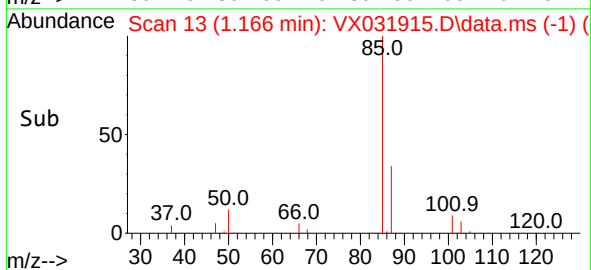
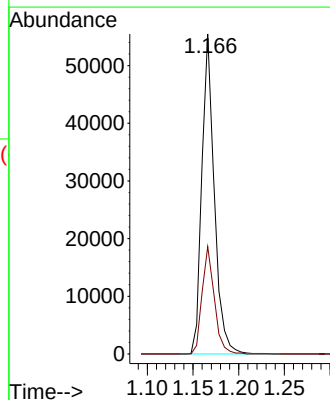
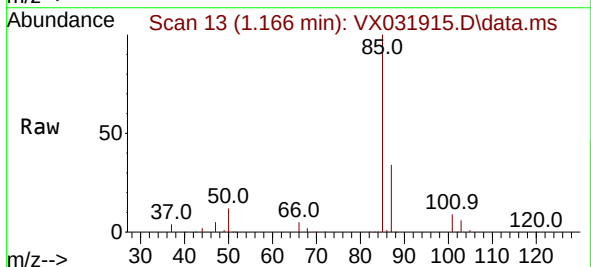
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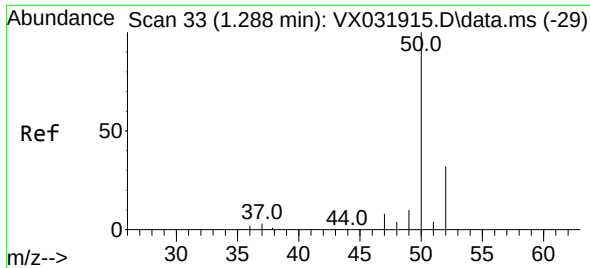
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 62.952 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 85 Resp: 52736
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





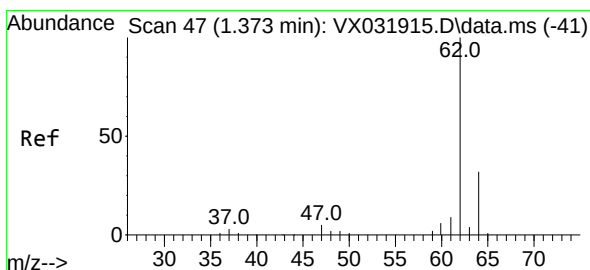
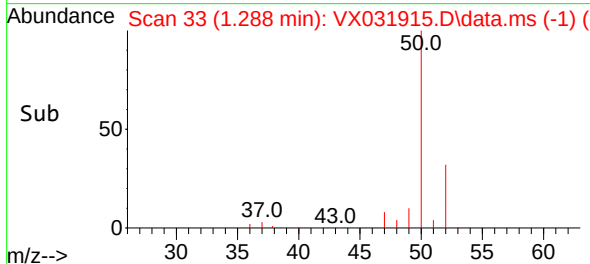
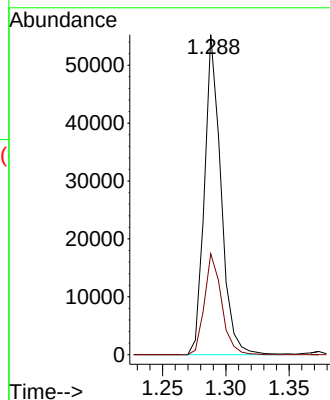
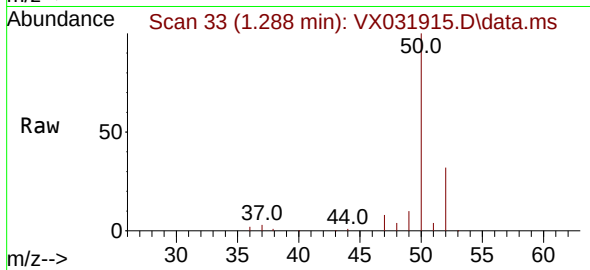
#3
Chloromethane
Concen: 66.225 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031915.D
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Instrument :
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Tgt Ion: 50 Resp: 5037
Ion Ratio Lower Upper
50 100
52 31.5 26.9 40.3

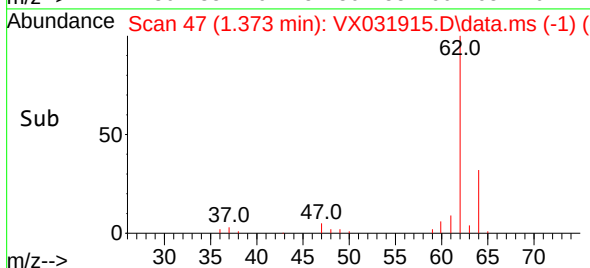
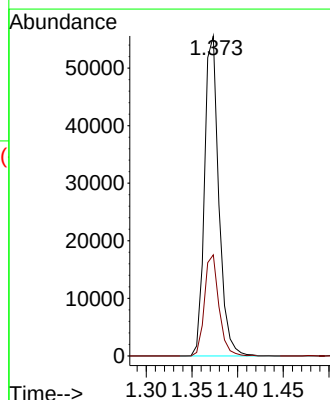
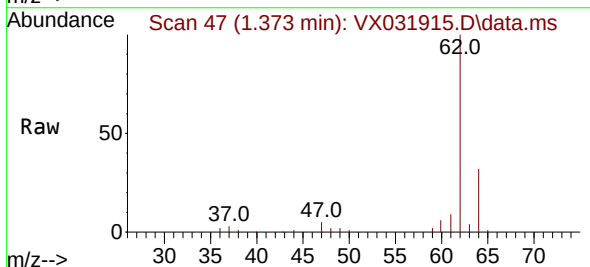
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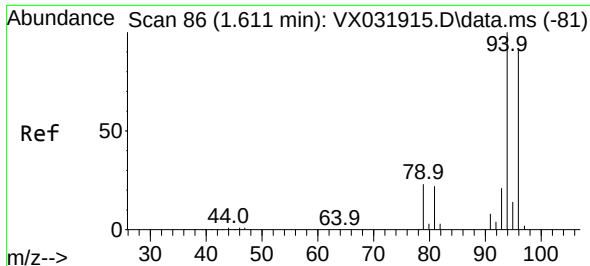
Reviewed By :John Carlone 10/07/2022
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#4
Vinyl Chloride
Concen: 63.033 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

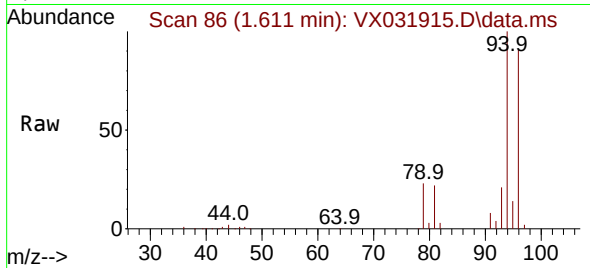
Tgt Ion: 62 Resp: 60603
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5
Bromomethane
Concen: 48.479 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

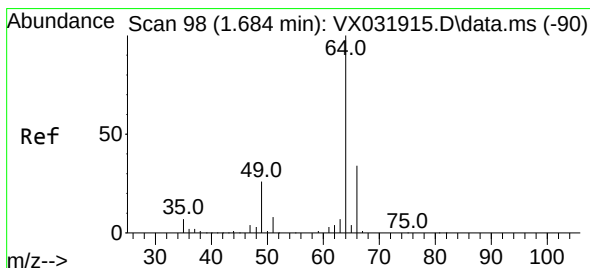
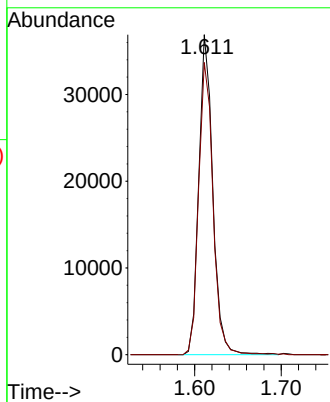
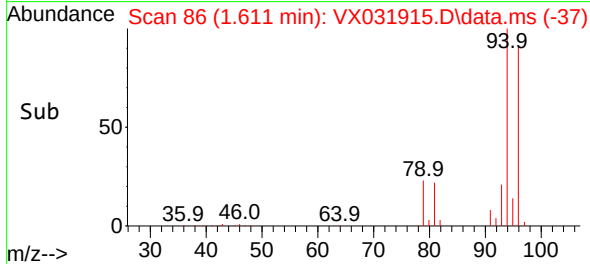
Instrument :
MSVOA_X
Client Sample Id :
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Tgt Ion: 94 Resp: 41419
Ion Ratio Lower Upper
94 100
96 91.3 74.4 111.6

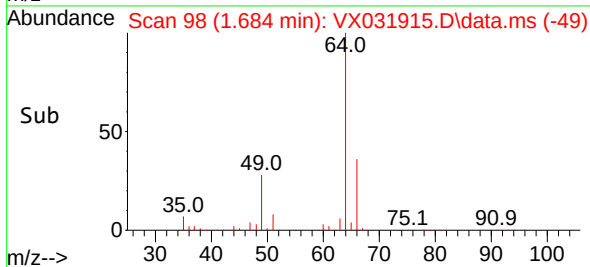
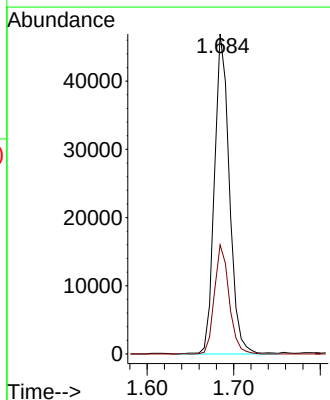
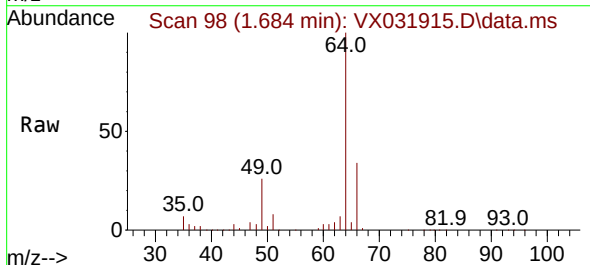
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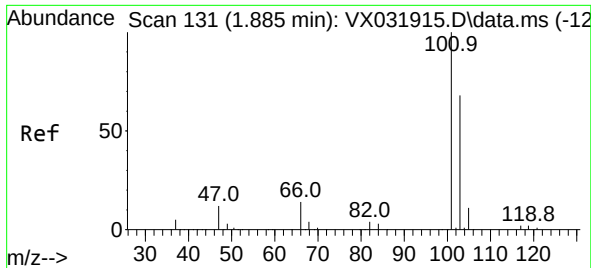
Reviewed By :John Carlone 10/07/2022
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#6
Chloroethane
Concen: 67.796 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX031915.D
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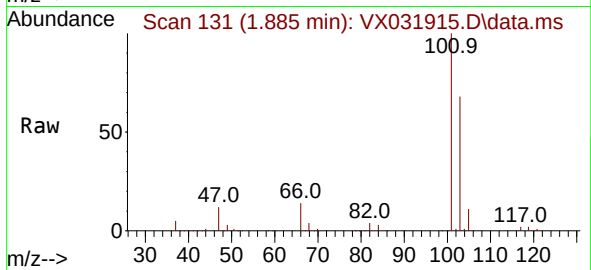
Tgt Ion: 64 Resp: 56331
Ion Ratio Lower Upper
64 100
66 34.1 25.0 37.4





#7
Trichlorofluoromethane
Concen: 55.480 ug/l
RT: 1.885 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX031915.D
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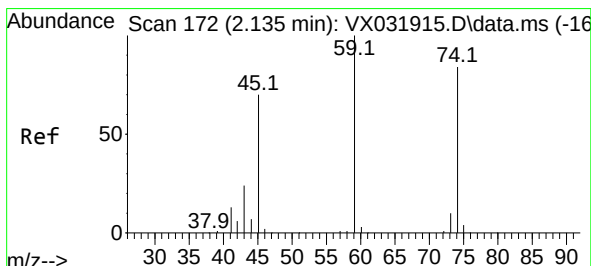
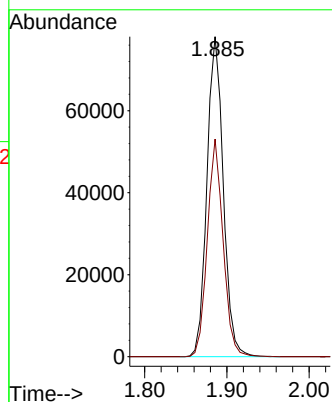
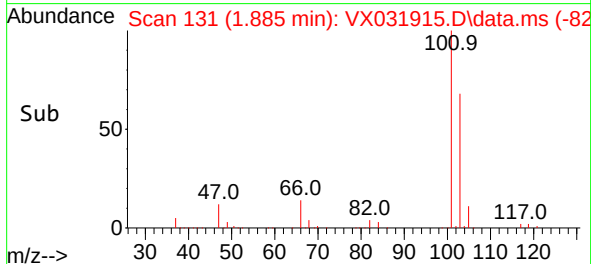
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 10785
Ion Ratio Lower Upper
101 100
103 68.0 51.8 77.6

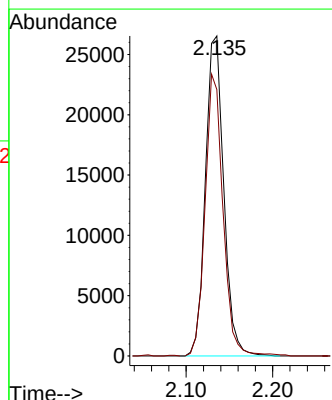
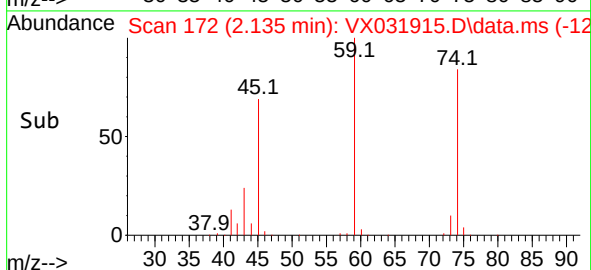
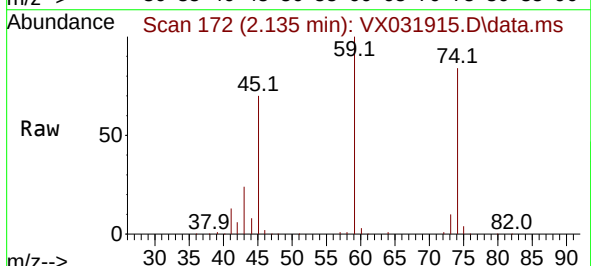
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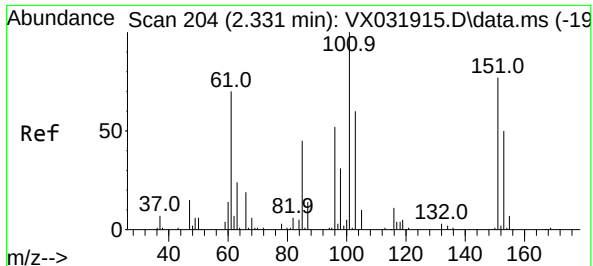
Reviewed By :John Carlone 10/07/2022
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#8
Diethyl Ether
Concen: 58.684 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX031915.D
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Tgt Ion: 74 Resp: 38982
Ion Ratio Lower Upper
74 100
45 86.3 48.5 145.6





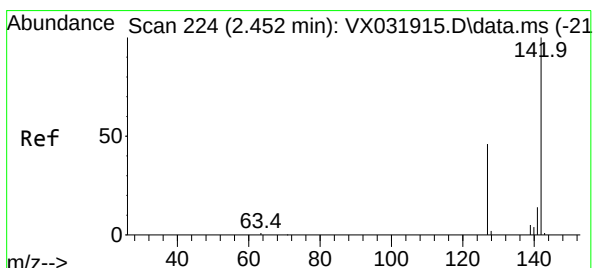
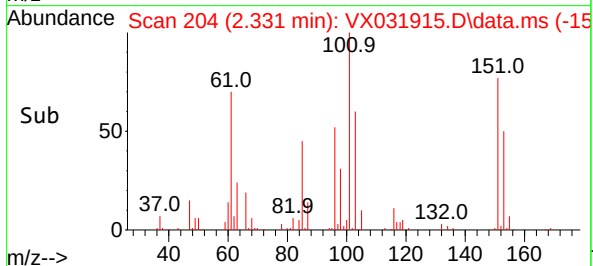
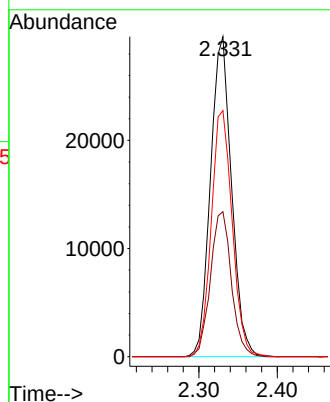
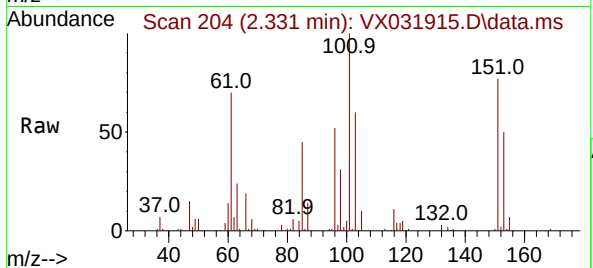
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.273 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 55200
Ion Ratio Lower Upper
101 100
85 45.1 38.6 57.8
151 76.6 54.0 81.0

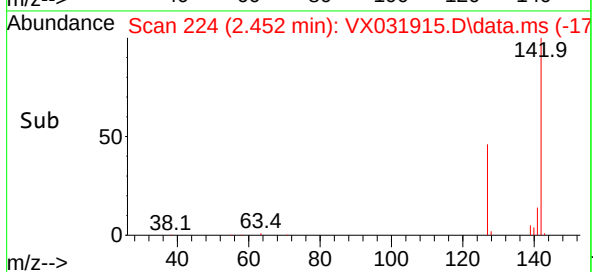
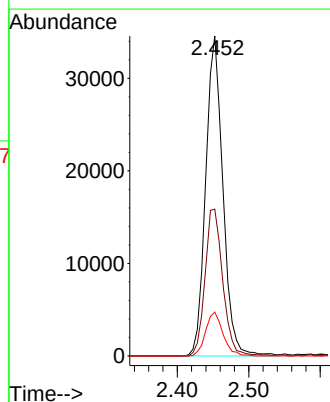
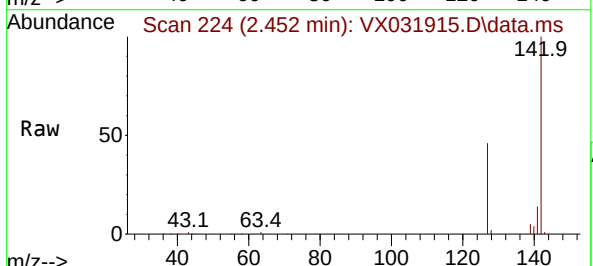
Manual Integrations
APPROVED

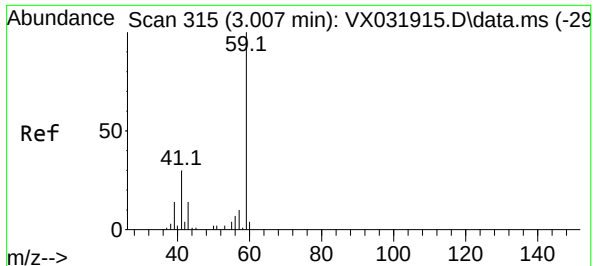
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#10
Methyl Iodide
Concen: 61.786 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

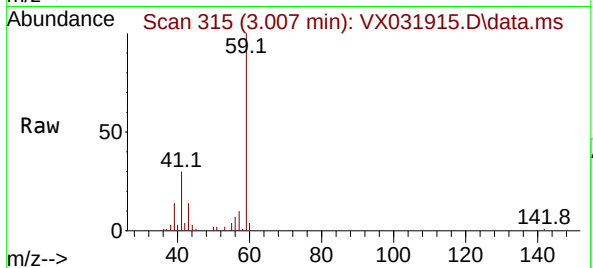
Tgt Ion:142 Resp: 57966
Ion Ratio Lower Upper
142 100
127 47.3 37.4 56.0
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 250.413 ug/l m
RT: 3.007 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

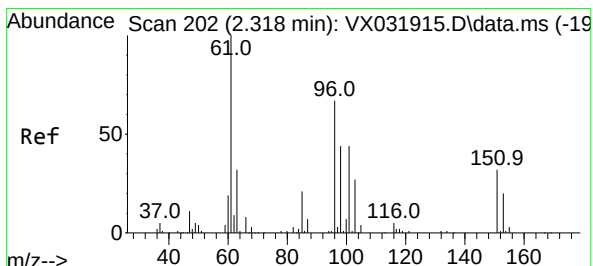
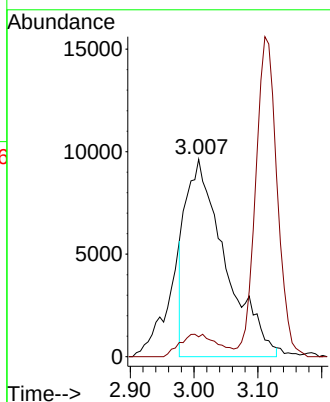
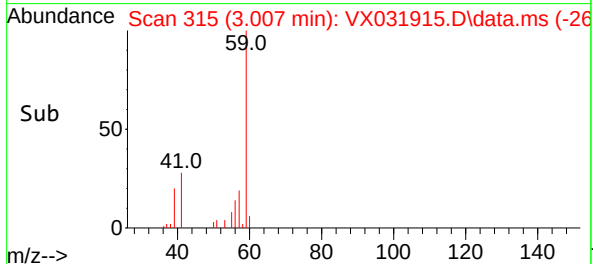
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 4168
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

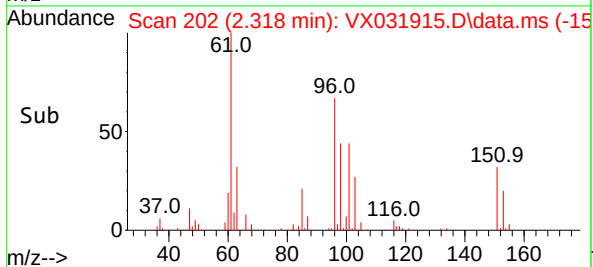
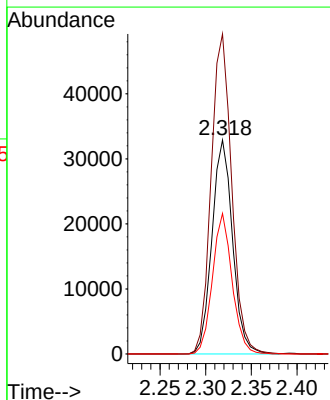
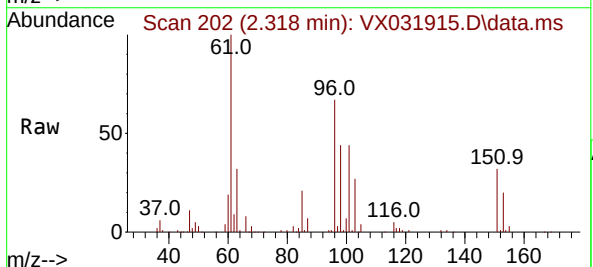
Manual Integrations
APPROVED

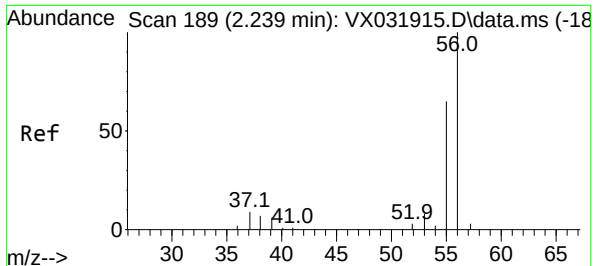
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#12
1,1-Dichloroethene
Concen: 57.502 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

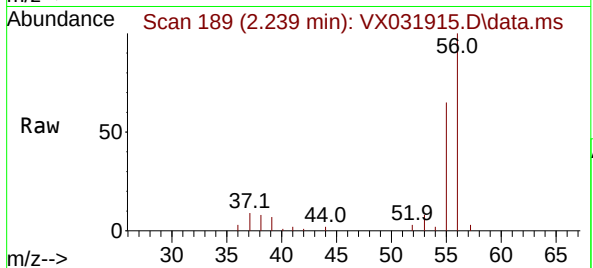
Tgt Ion: 96 Resp: 51526
Ion Ratio Lower Upper
96 100
61 149.6 135.3 202.9
98 65.6 49.4 74.2





#13
Acrolein
Concen: 267.155 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

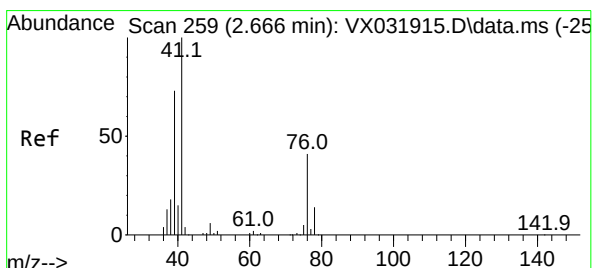
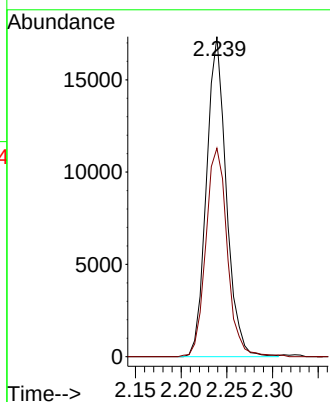
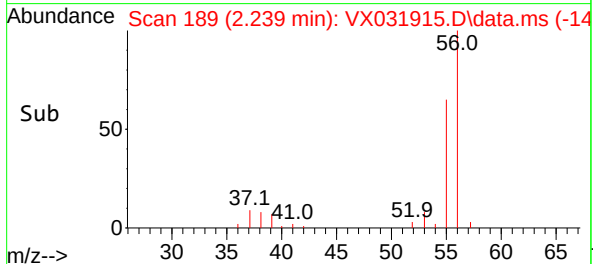
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 26110
Ion Ratio Lower Upper
56 100
55 70.4 56.0 84.0

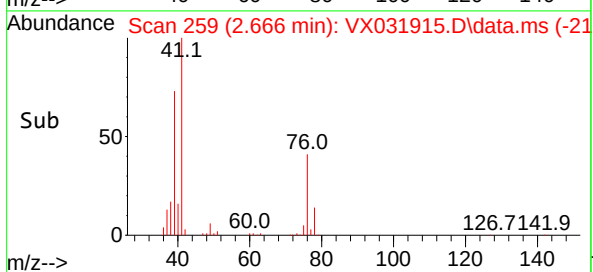
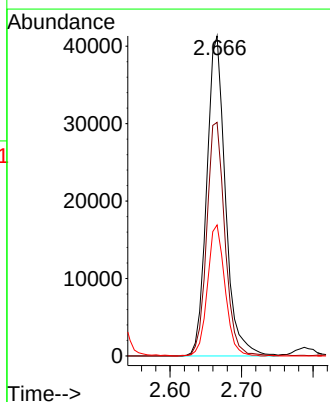
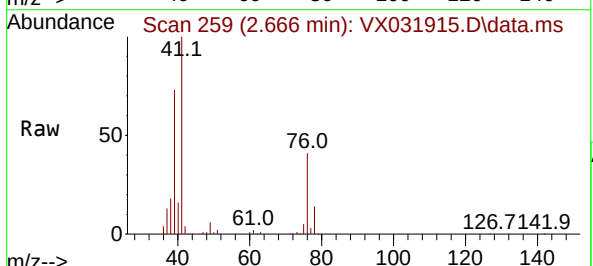
Manual Integrations
APPROVED

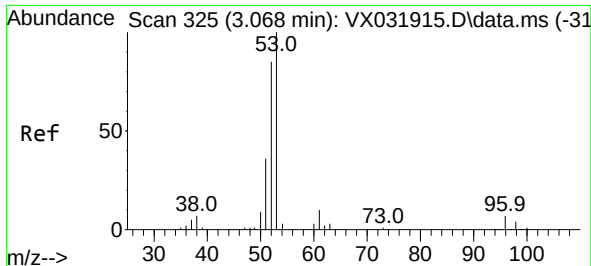
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#14
Allyl chloride
Concen: 75.393 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

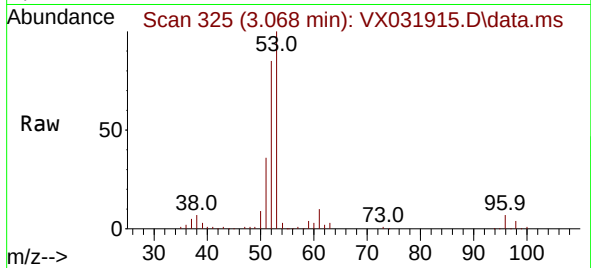
Tgt Ion: 41 Resp: 74913
Ion Ratio Lower Upper
41 100
39 70.8 58.2 87.4
76 38.6 26.9 40.3





#15
Acrylonitrile
Concen: 335.062 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

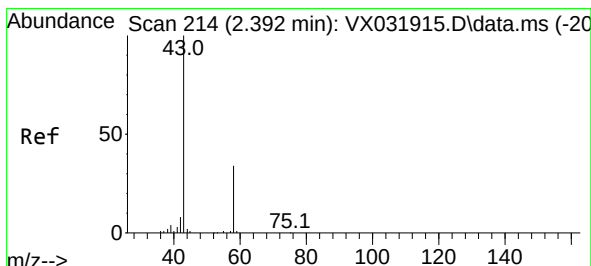
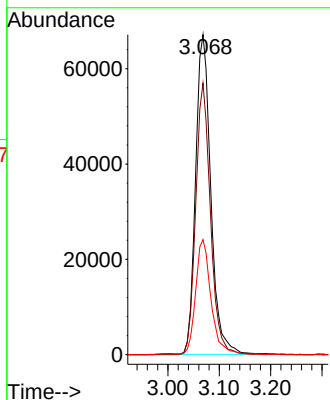
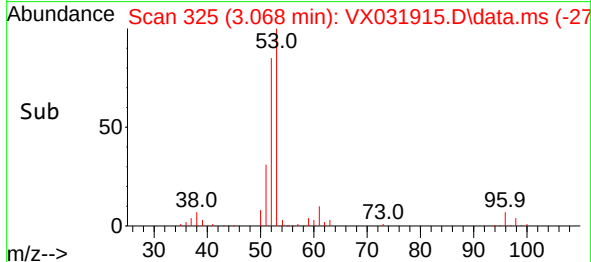
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 138309
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.6 30.0 45.0

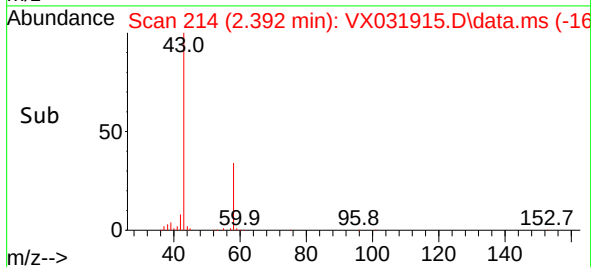
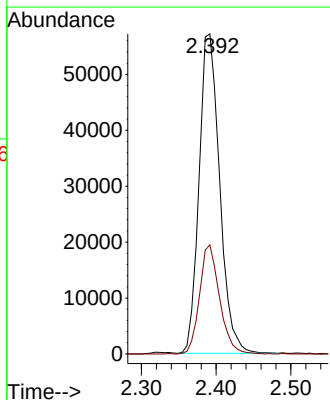
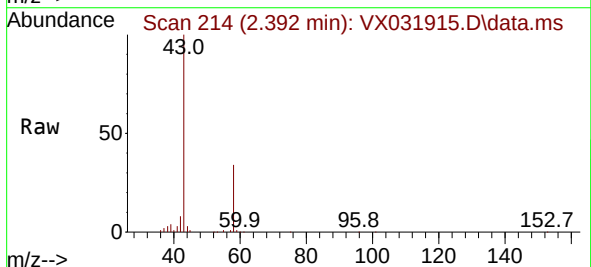
Manual Integrations
APPROVED

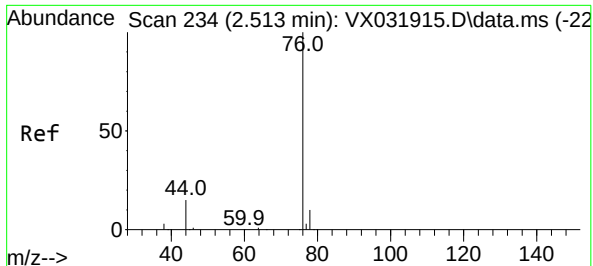
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#16
Acetone
Concen: 335.323 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

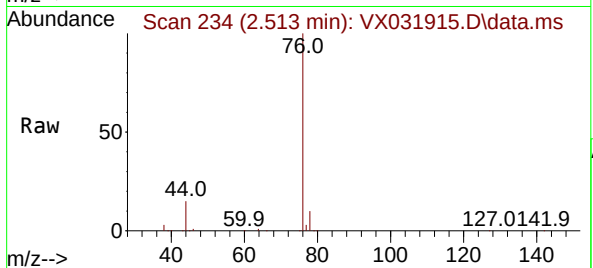
Tgt Ion: 43 Resp: 109367
Ion Ratio Lower Upper
43 100
58 34.2 23.8 35.8





#17
Carbon Disulfide
Concen: 62.677 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

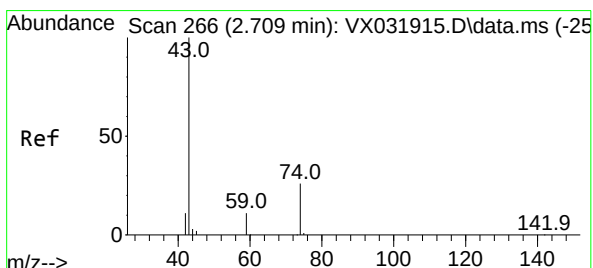
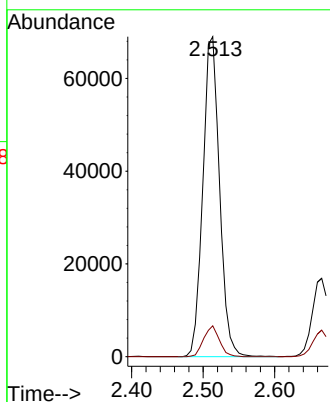
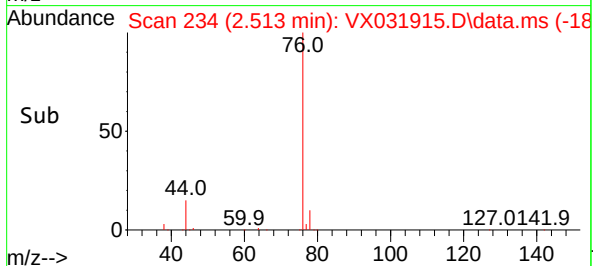
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 112009
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

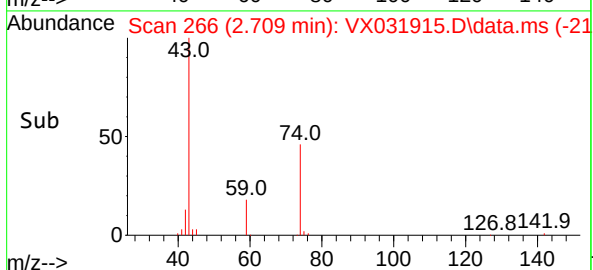
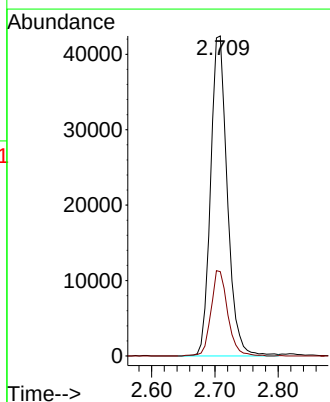
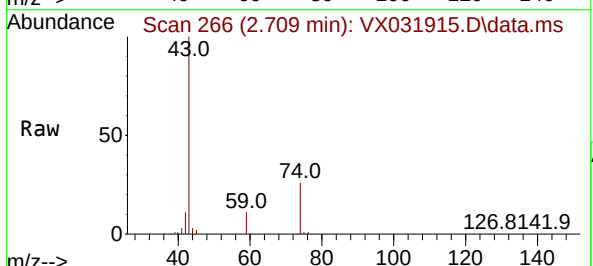
Manual Integrations
APPROVED

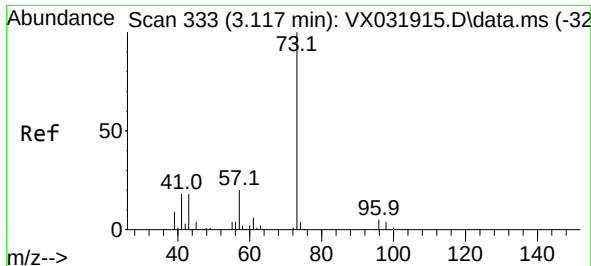
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#18
Methyl Acetate
Concen: 73.053 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 43 Resp: 78213
Ion Ratio Lower Upper
43 100
74 26.6 18.6 27.8





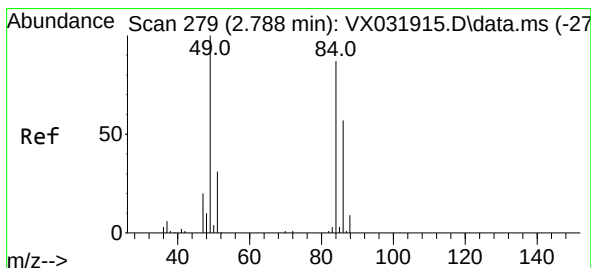
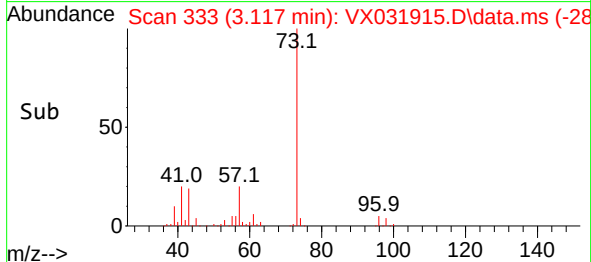
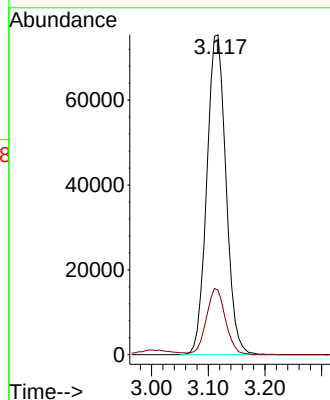
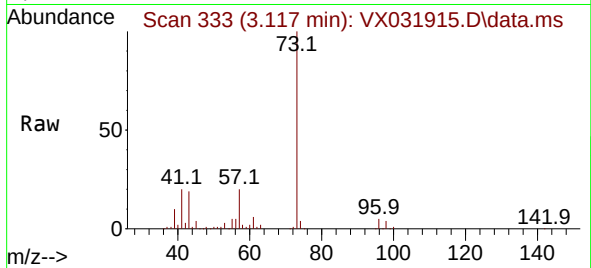
#19
Methyl tert-butyl Ether
Concen: 63.482 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 17699
Ion Ratio Lower Upper
73 100
57 20.2 17.2 25.8

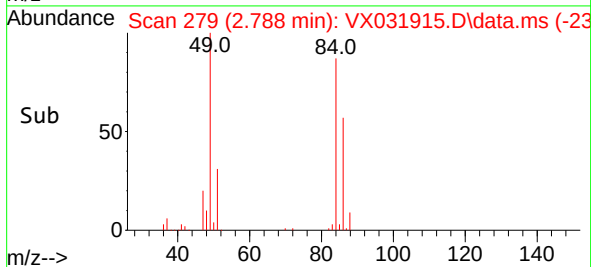
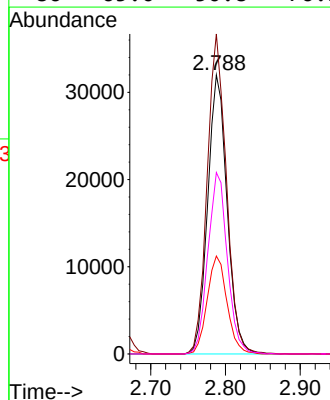
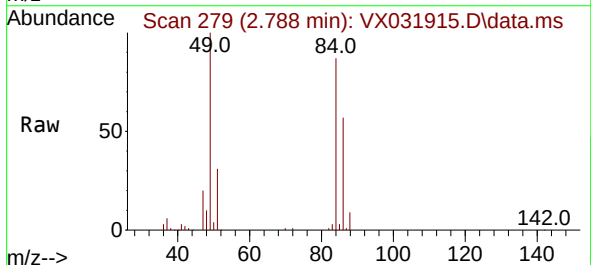
Manual Integrations
APPROVED

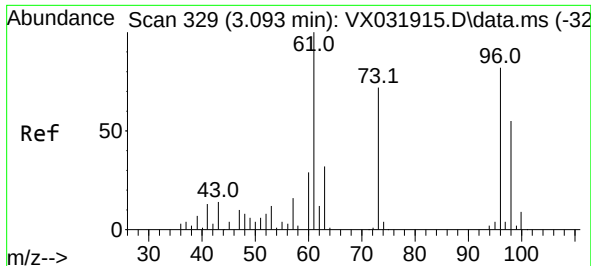
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#20
Methylene Chloride
Concen: 56.106 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

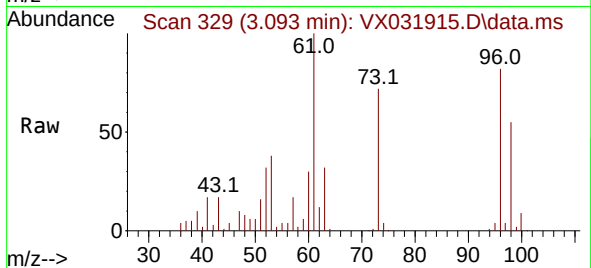
Tgt Ion: 84 Resp: 57850
Ion Ratio Lower Upper
84 100
49 114.7 105.9 158.9
51 35.1 32.2 48.2
86 65.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 56.823 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

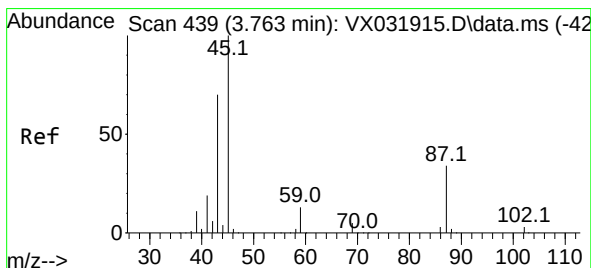
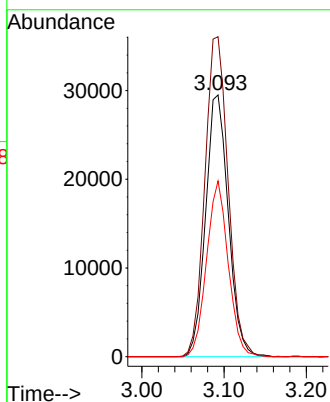
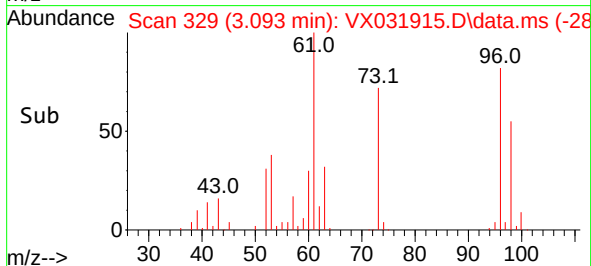
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



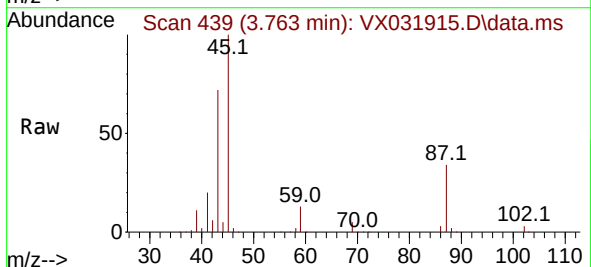
Tgt Ion: 96 Resp: 5667
Ion Ratio Lower Upper
96 100
61 122.3 106.7 160.1
98 67.1 48.7 73.1

Manual Integrations
APPROVED

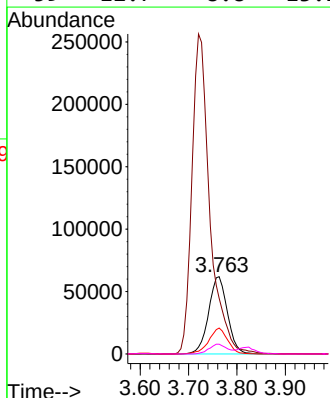
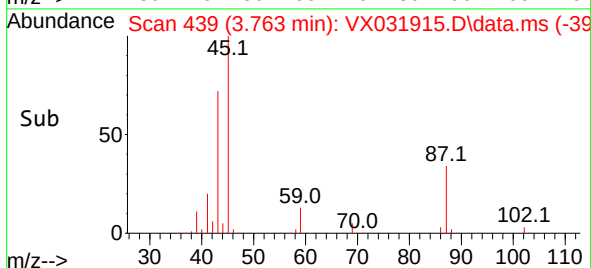
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

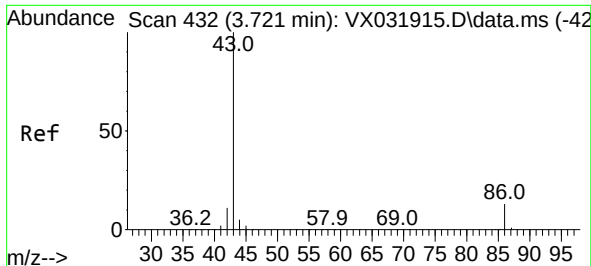


#22
Diisopropyl ether
Concen: 72.225 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



Tgt Ion: 45 Resp: 167366
Ion Ratio Lower Upper
45 100
43 71.6 59.0 88.6
87 33.6 22.6 33.8
59 12.7 8.8 13.2





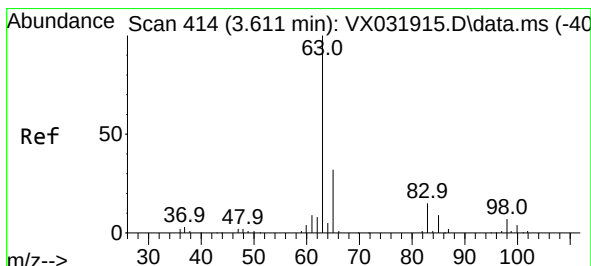
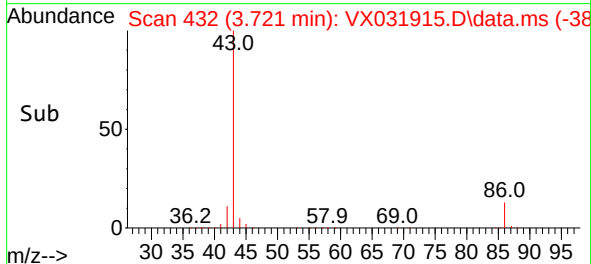
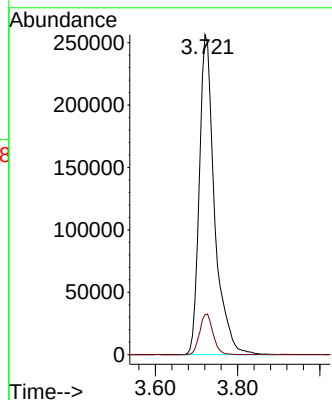
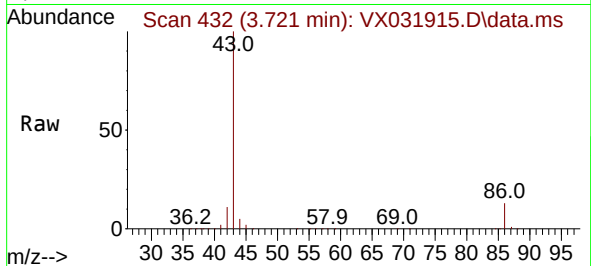
#23
 Vinyl Acetate
 Concen: 382.281 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX031915.D
 Acq: 06 Oct 2022 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 659370
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.7 13.1

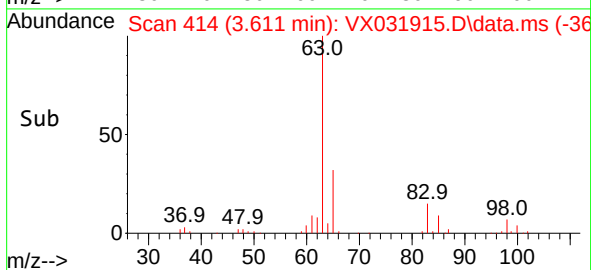
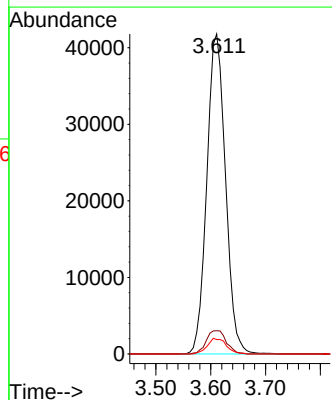
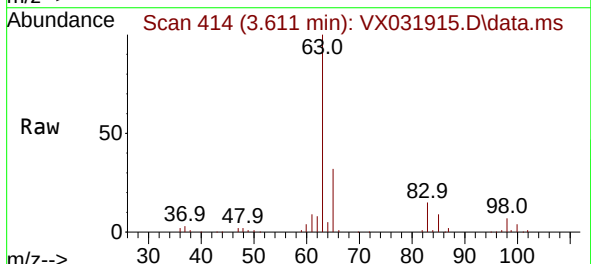
Manual Integrations
 APPROVED

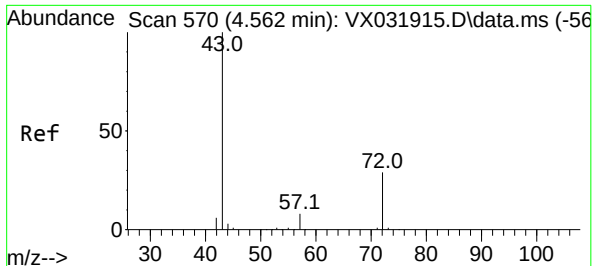
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#24
 1,1-Dichloroethane
 Concen: 64.465 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031915.D
 Acq: 06 Oct 2022 12:35

Tgt Ion: 63 Resp: 98723
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.5 2.4 7.2





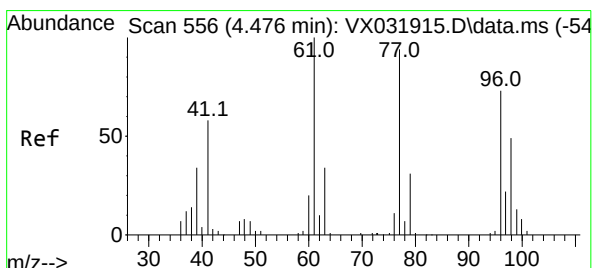
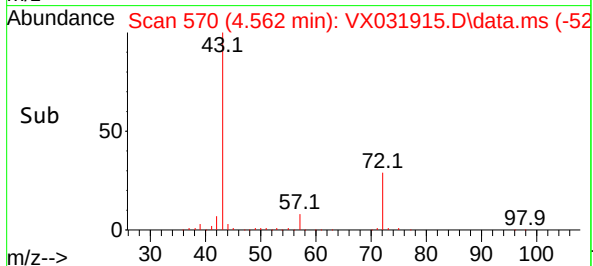
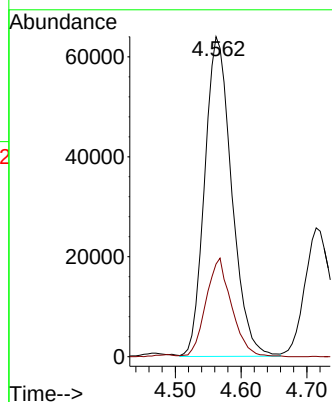
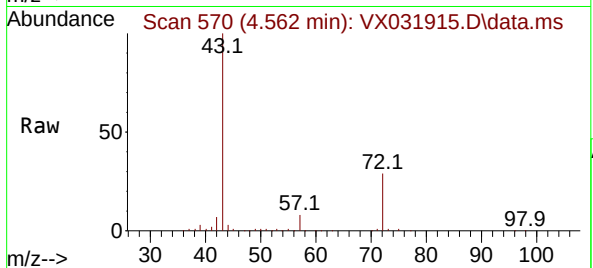
#25
2-Butanone
Concen: 350.249 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 182768
Ion Ratio Lower Upper
43 100
72 28.8 21.1 31.7

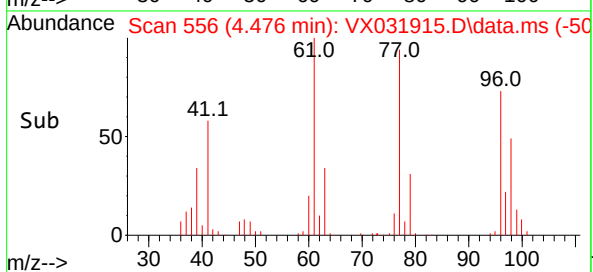
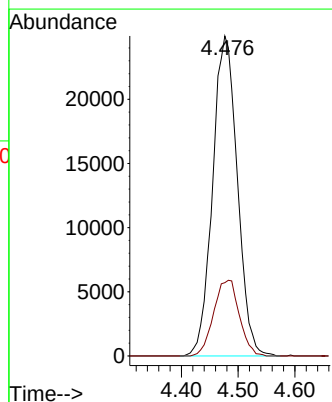
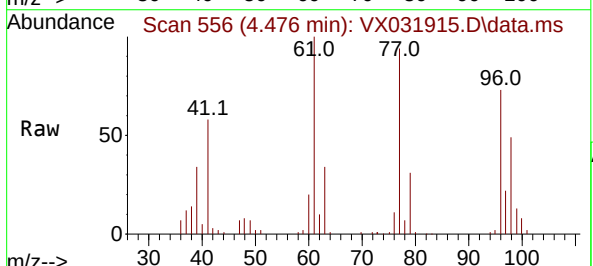
Manual Integrations
APPROVED

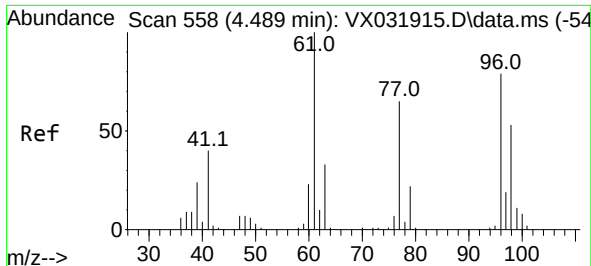
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#26
2,2-Dichloropropane
Concen: 65.847 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 77 Resp: 75442
Ion Ratio Lower Upper
77 100
97 24.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 58.286 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 68302

Ion Ratio Lower Upper

96 100

61 128.6 0.0 305.2

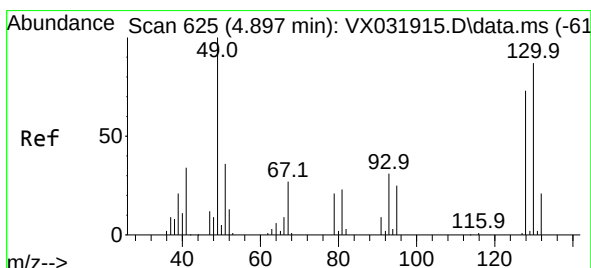
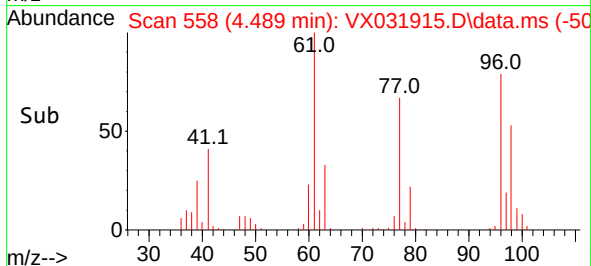
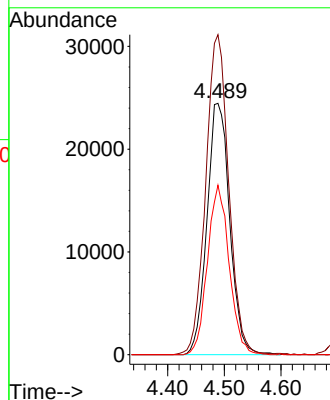
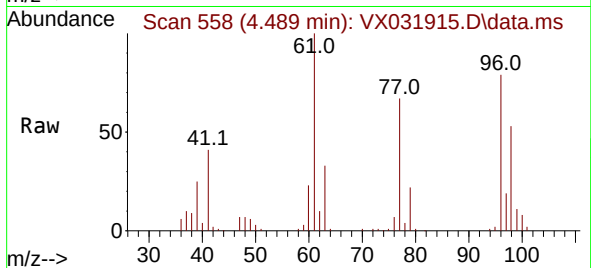
98 64.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#28

Bromochloromethane

Concen: 69.588 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

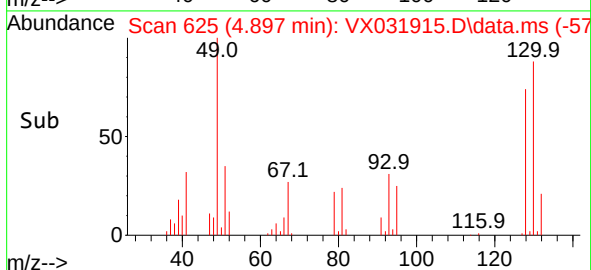
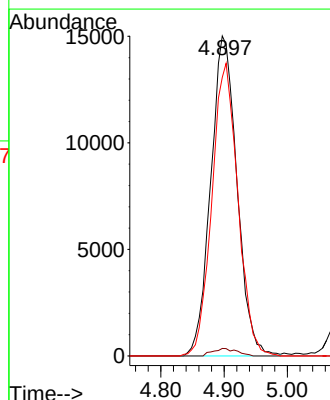
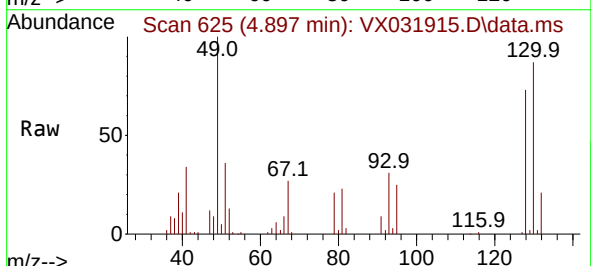
Tgt Ion: 49 Resp: 43276

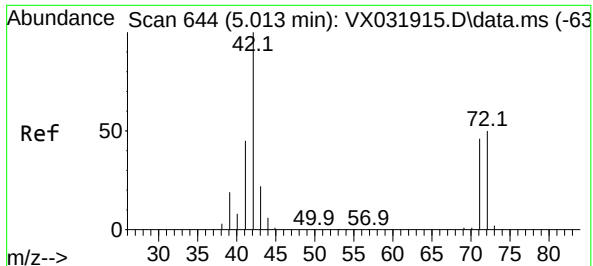
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 90.4 59.0 88.4#





#29

Tetrahydrofuran

Concen: 363.342 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 118924

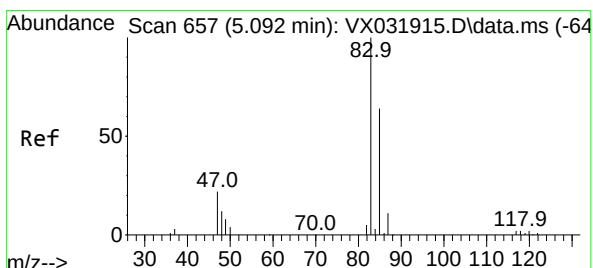
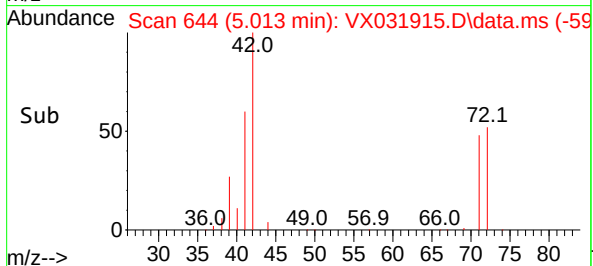
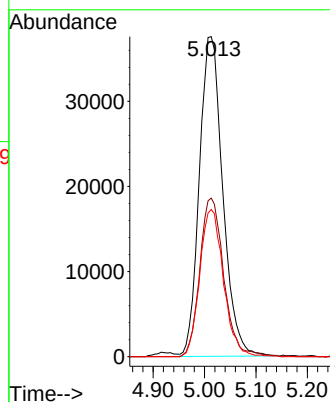
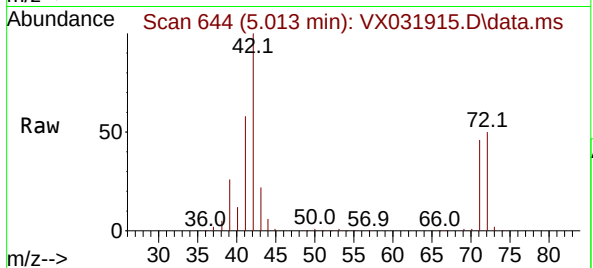
Ion	Ratio	Lower	Upper
42	100		
72	50.8	36.4	54.6
71	46.7	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#30

Chloroform

Concen: 60.112 ug/l

RT: 5.092 min Scan# 657

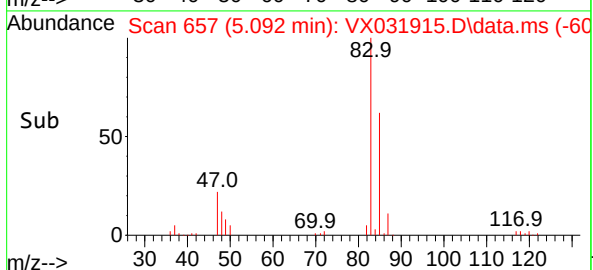
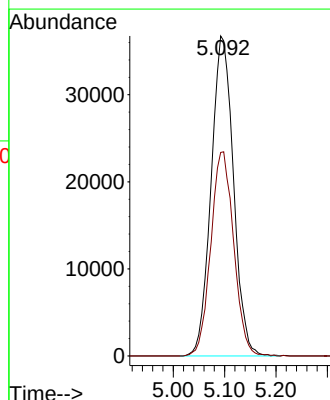
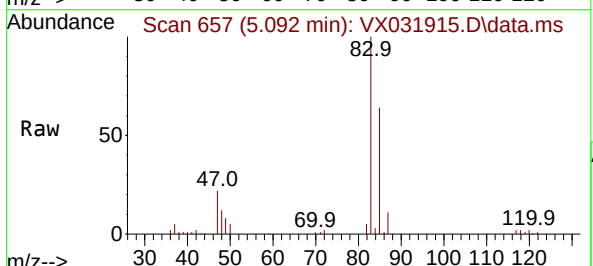
Delta R.T. 0.000 min

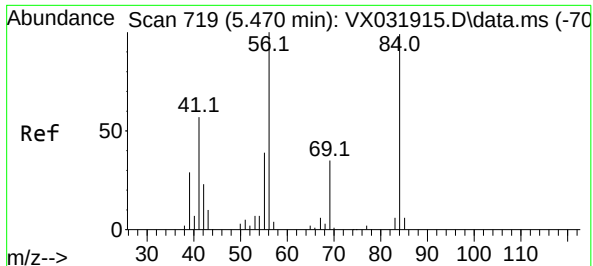
Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion: 83 Resp: 110879

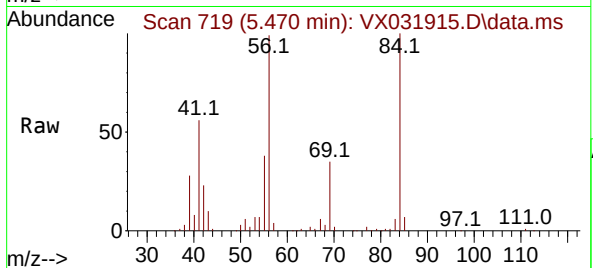
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.8	79.2





#31
Cyclohexane
Concen: 64.903 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

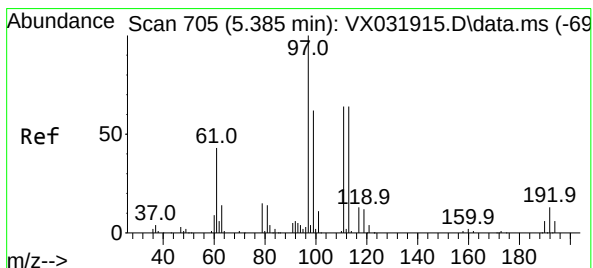
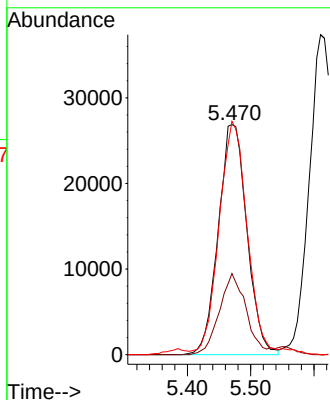
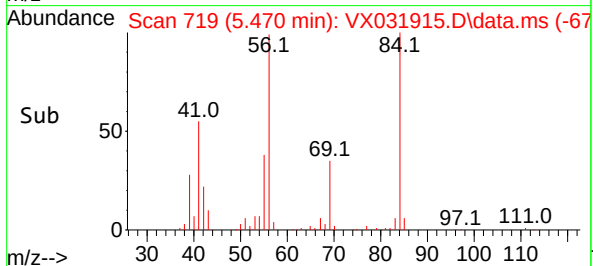
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



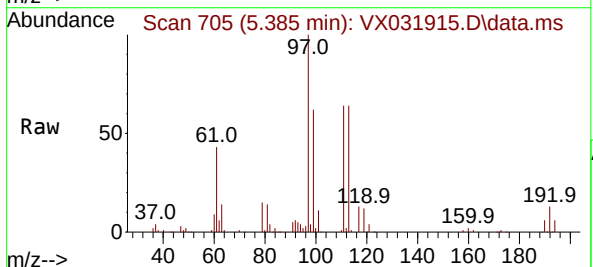
Tgt Ion: 56 Resp: 8452
Ion Ratio Lower Upper
56 100
69 35.3 25.1 37.7
84 99.2 70.2 105.4

Manual Integrations
APPROVED

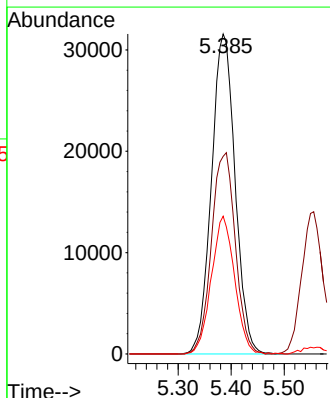
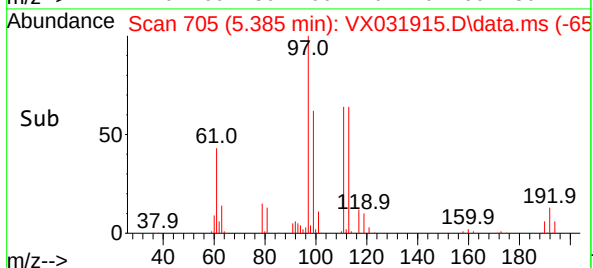
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

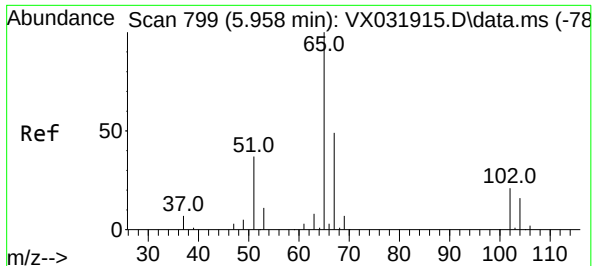


#32
1,1,1-Trichloroethane
Concen: 60.734 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



Tgt Ion: 97 Resp: 97830
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 42.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 59.069 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 65070

Ion Ratio Lower Upper

65 100

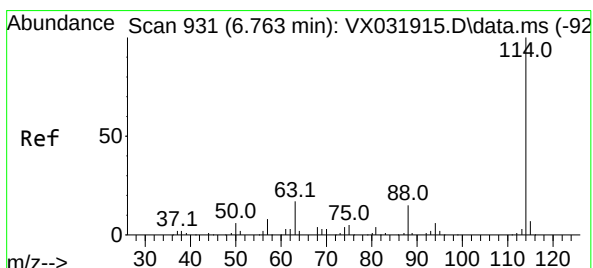
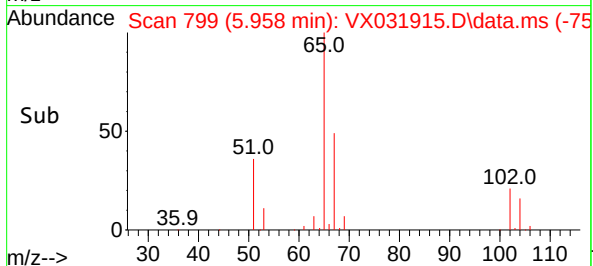
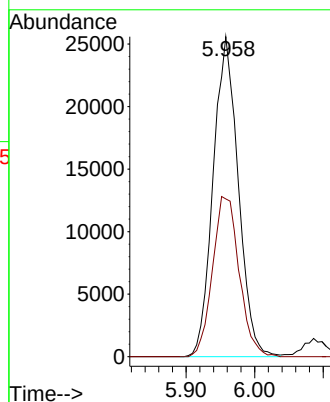
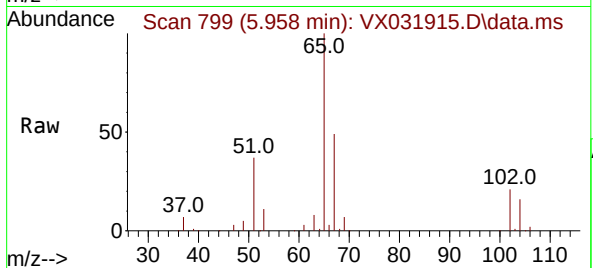
67 53.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

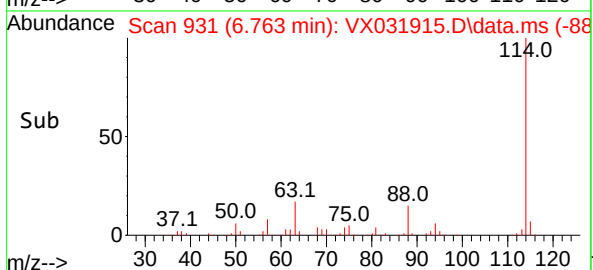
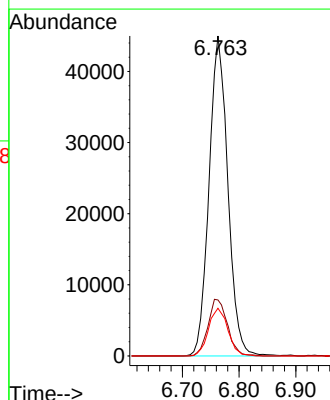
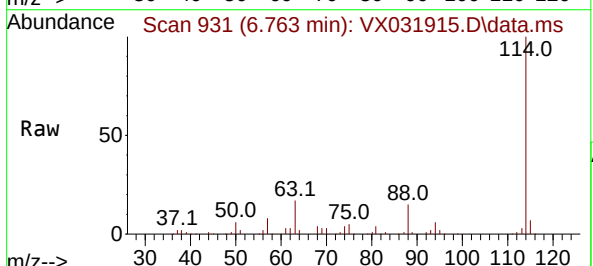
Tgt Ion:114 Resp: 103388

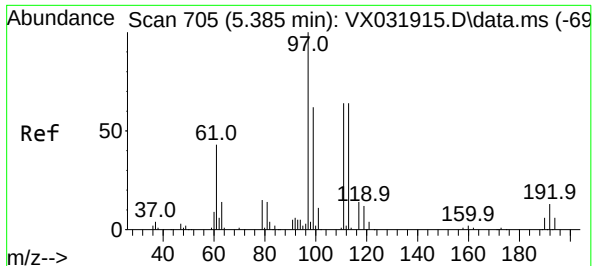
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.6

88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.492 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

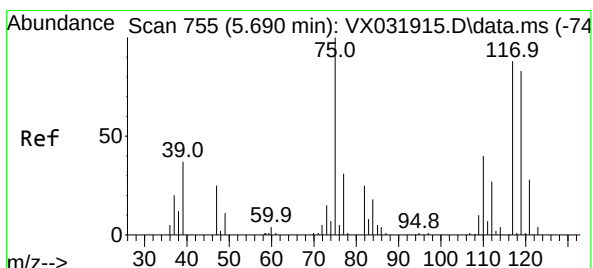
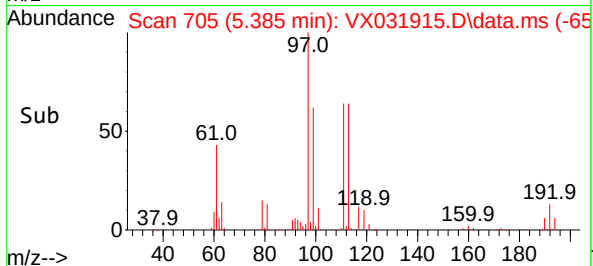
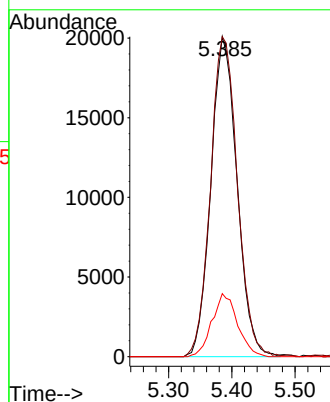
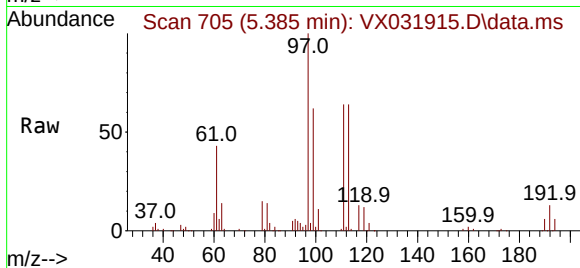
Tgt Ion:	113	Resp:	5753
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	19.3	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#36

1,1-Dichloropropene

Concen: 57.999 ug/l

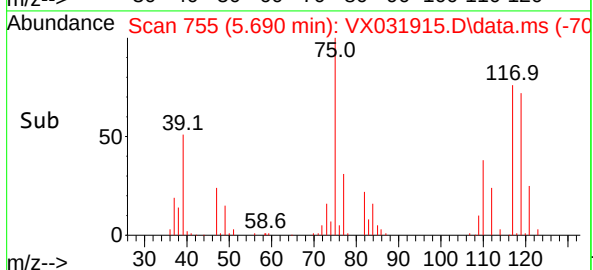
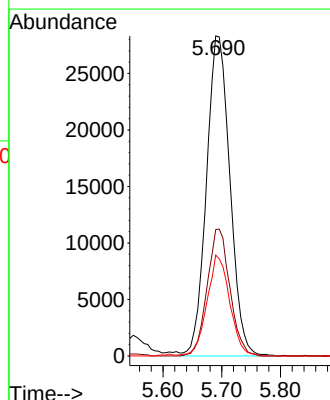
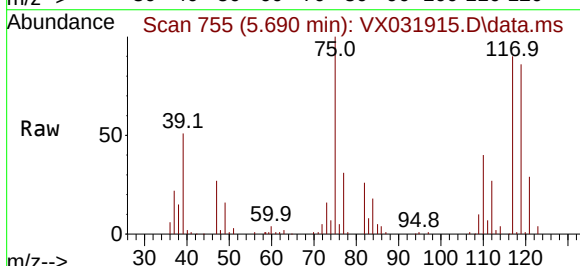
RT: 5.690 min Scan# 755

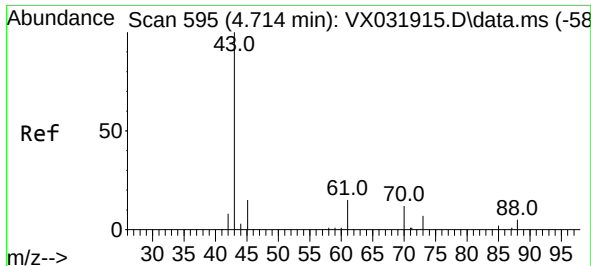
Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion:	75	Resp:	78790
Ion	Ratio	Lower	Upper
75	100		
110	38.3	17.5	52.5
77	30.4	24.9	37.3





#37

Ethyl Acetate

Concen: 68.106 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 74304

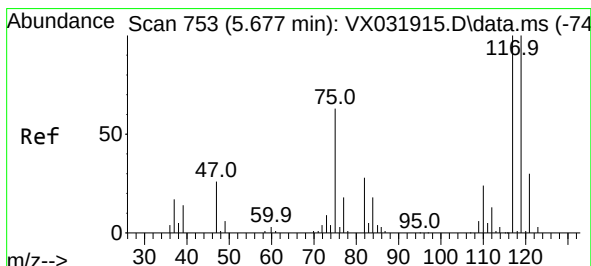
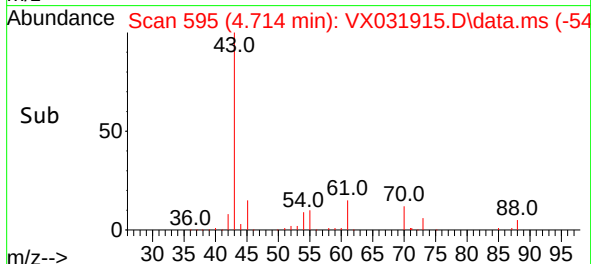
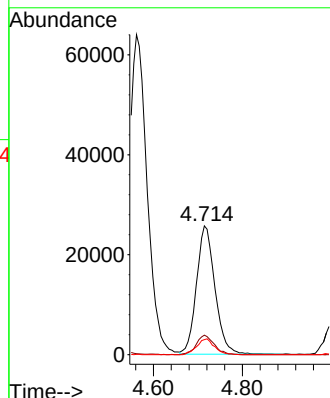
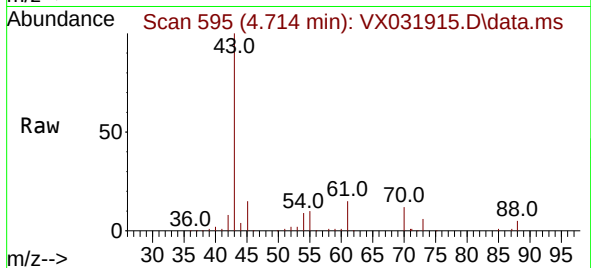
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	11.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#38

Carbon Tetrachloride

Concen: 55.007 ug/l

RT: 5.677 min Scan# 753

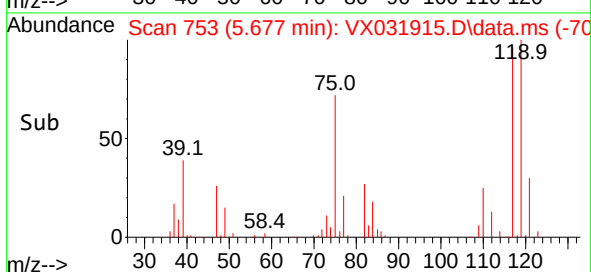
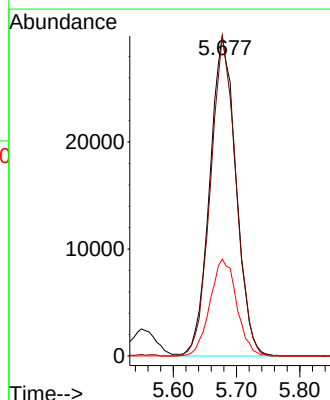
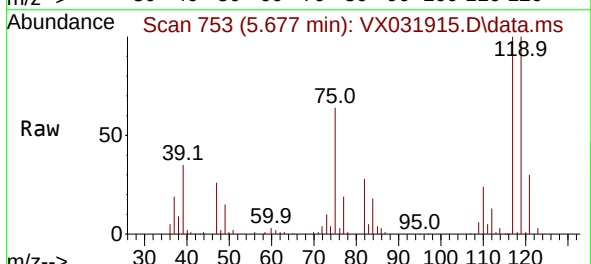
Delta R.T. 0.000 min

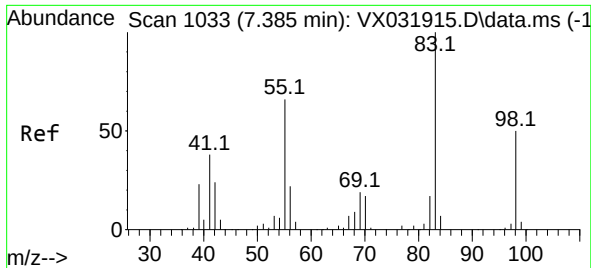
Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion:117 Resp: 86080

Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.6	112.0
121	30.3	25.3	37.9





#39

Methylcyclohexane

Concen: 56.133 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 96910

Ion Ratio Lower Upper

83 100

55 66.2 61.0 91.4

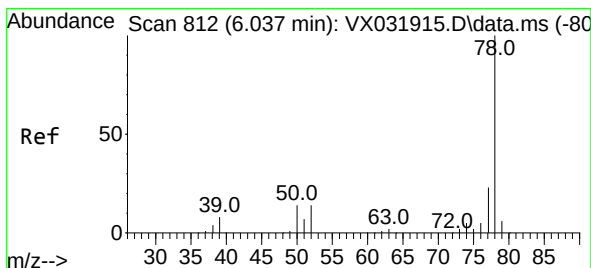
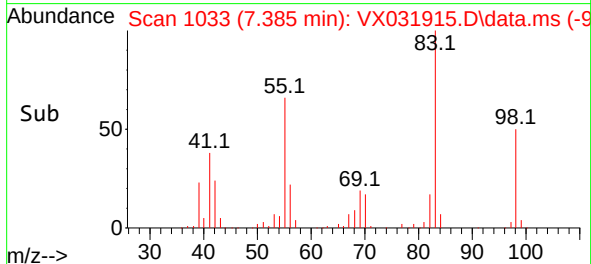
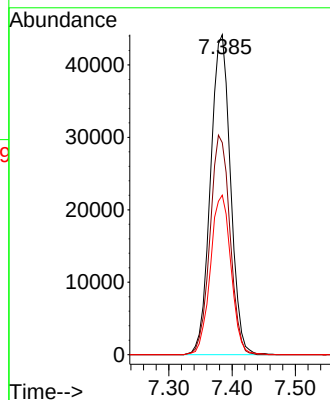
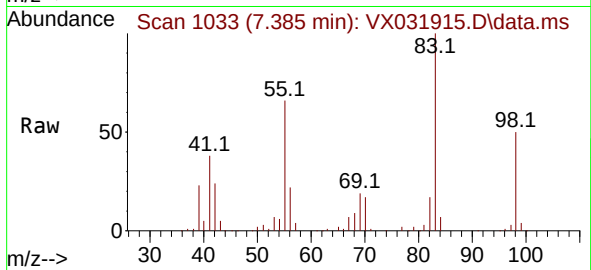
98 49.8 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#40

Benzene

Concen: 56.980 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX031915.D

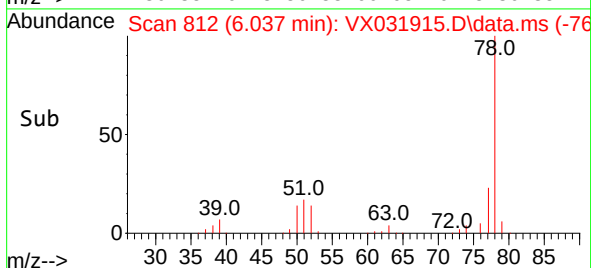
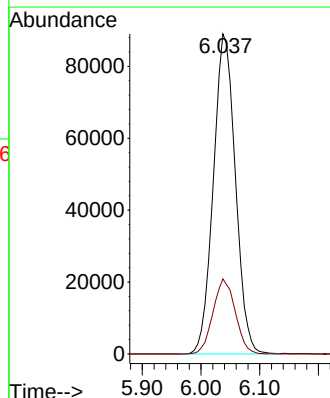
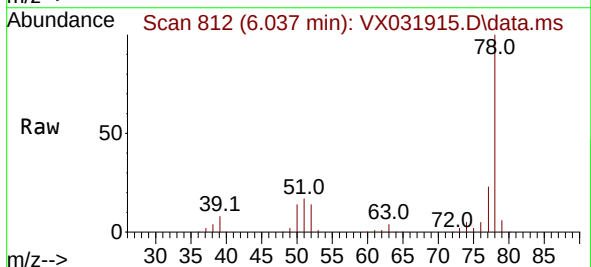
Acq: 06 Oct 2022 12:35

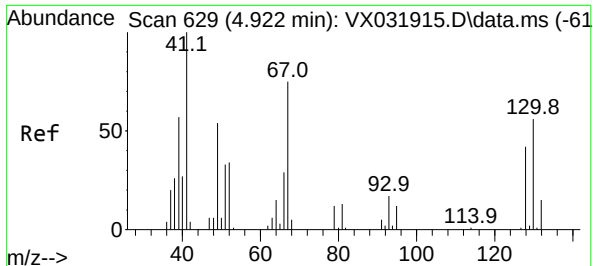
Tgt Ion: 78 Resp: 232055

Ion Ratio Lower Upper

78 100

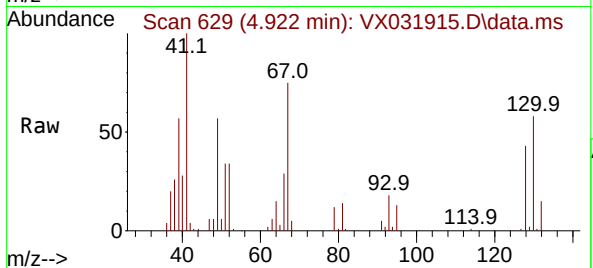
77 23.5 18.7 28.1





#41
Methacrylonitrile
Concen: 70.024 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

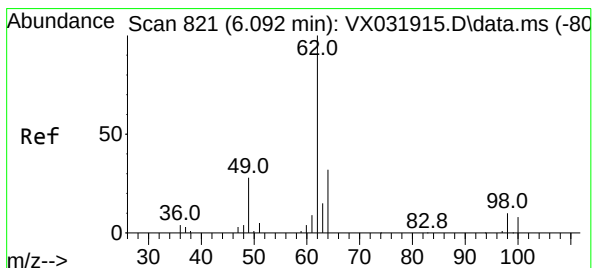
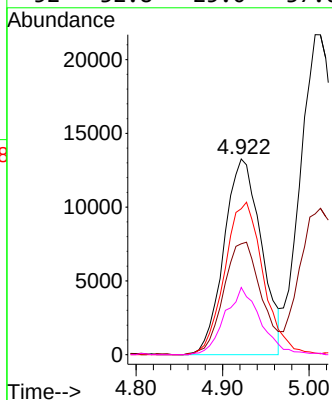
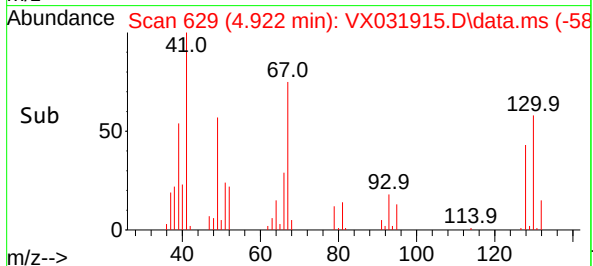
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:	41	Resp:	39774
Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.0	67.6
67	80.5	58.2	87.4
52	32.8	25.0	37.6

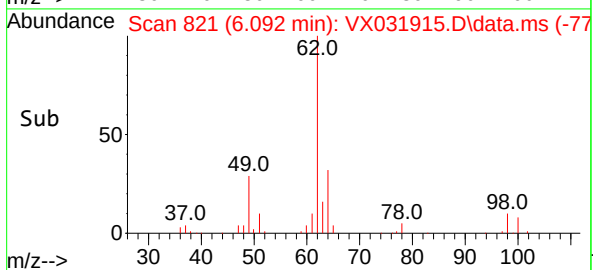
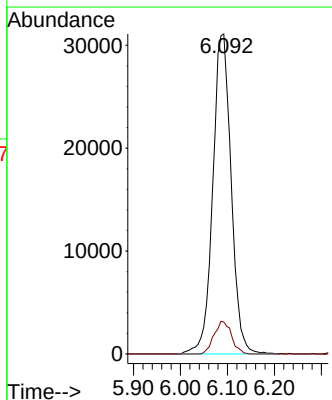
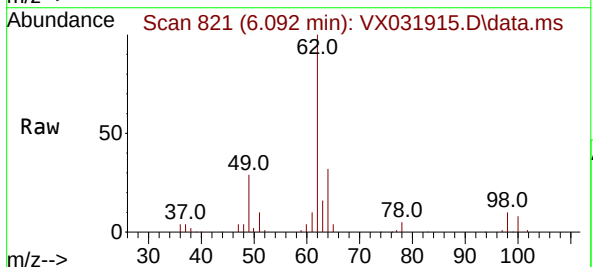
Manual Integrations
APPROVED

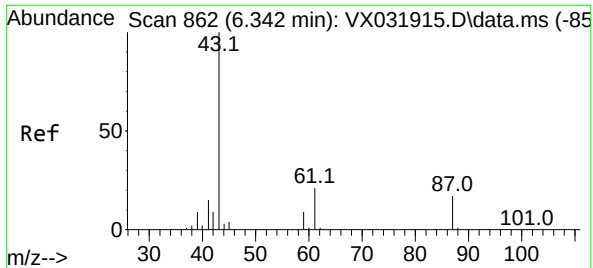
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#42
1,2-Dichloroethane
Concen: 61.251 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion:	62	Resp:	84412
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 70.485 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 117750

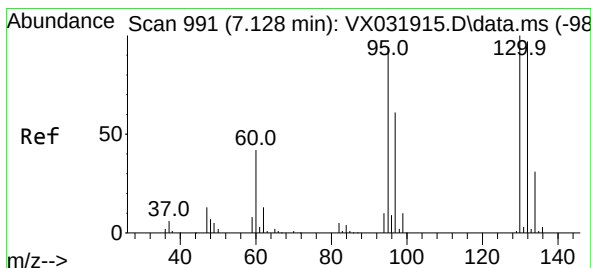
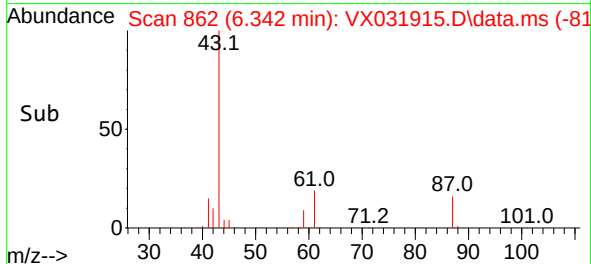
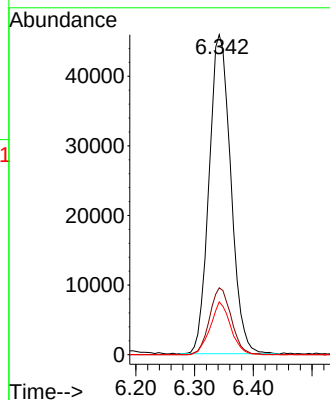
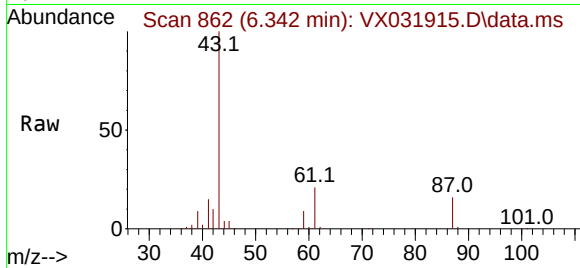
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.3	22.9
87	15.5	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#44

Trichloroethene

Concen: 51.156 ug/l

RT: 7.128 min Scan# 991

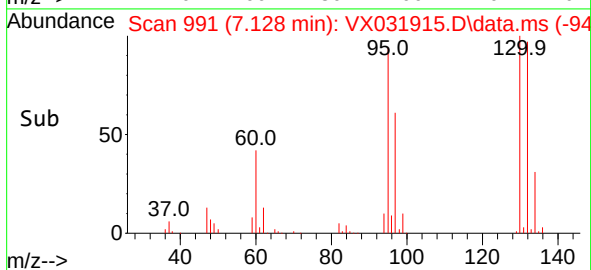
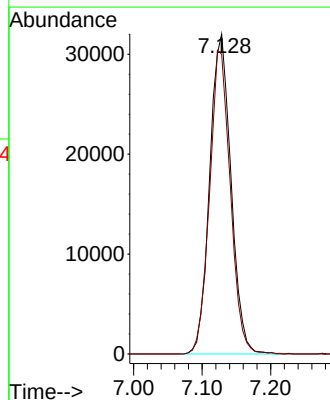
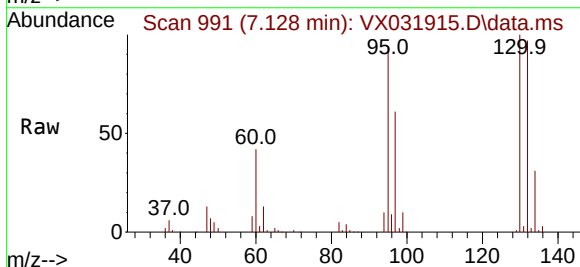
Delta R.T. 0.000 min

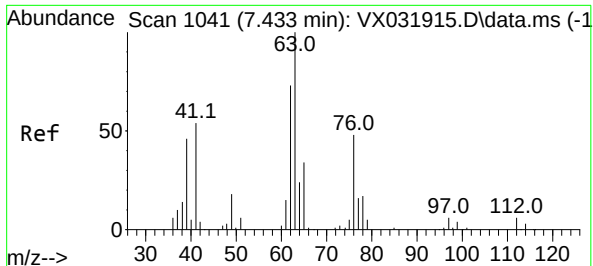
Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion:130 Resp: 68866

Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	206.8





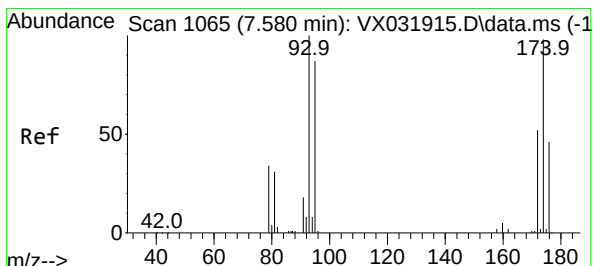
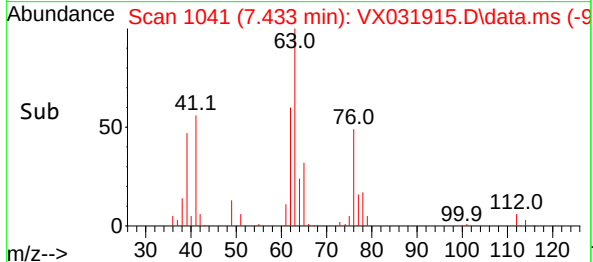
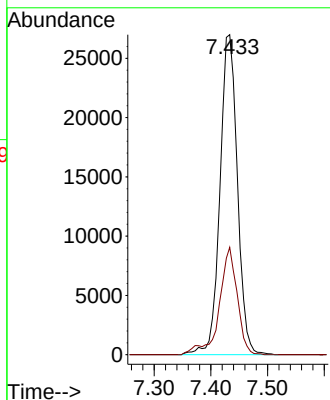
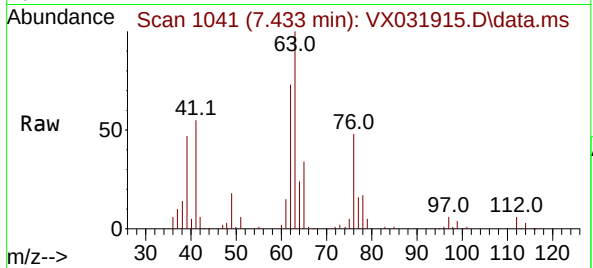
#45
1,2-Dichloropropane
Concen: 62.398 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 57670
Ion Ratio Lower Upper
63 100
65 33.6 26.6 39.8

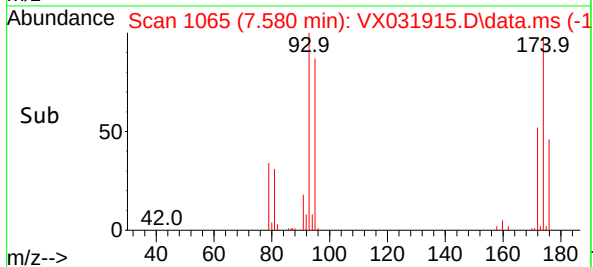
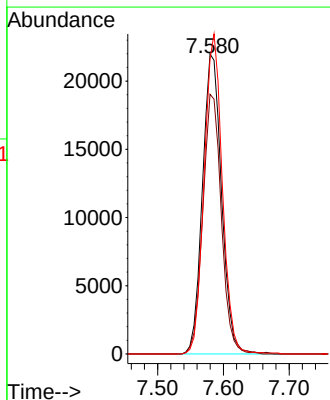
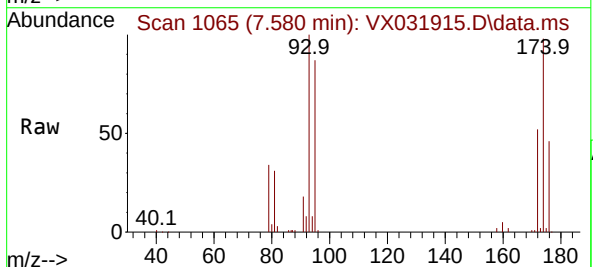
Manual Integrations
APPROVED

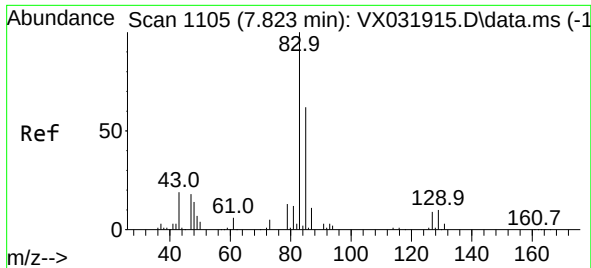
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#46
Dibromomethane
Concen: 55.903 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 93 Resp: 44469
Ion Ratio Lower Upper
93 100
95 83.8 65.5 98.3
174 101.6 67.6 101.4#





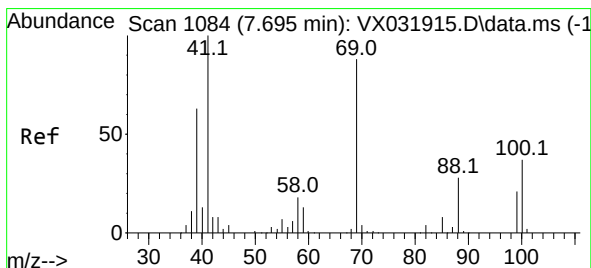
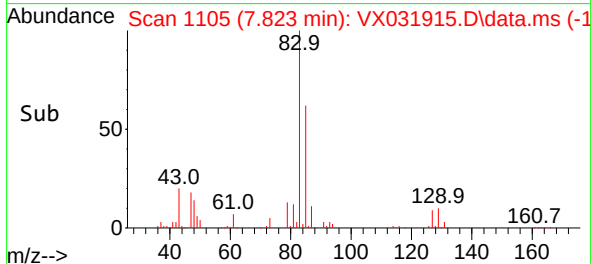
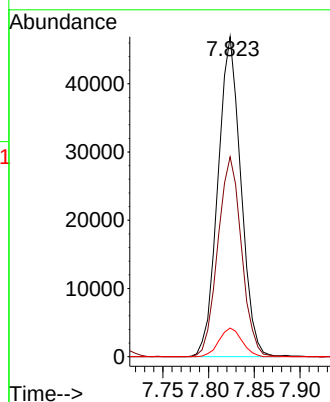
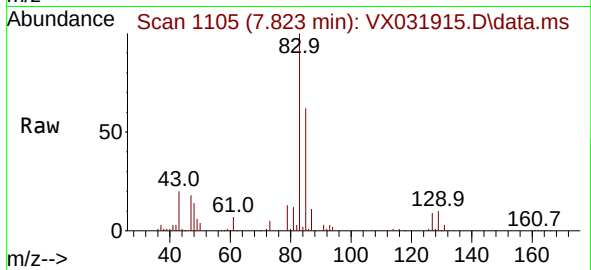
#47
Bromodichloromethane
Concen: 60.033 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 8216
Ion Ratio Lower Upper
83 100
85 62.5 51.0 76.6
127 8.9 7.0 10.6

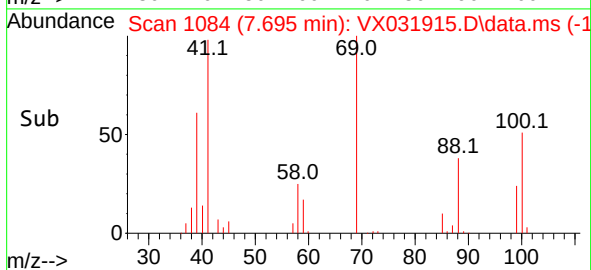
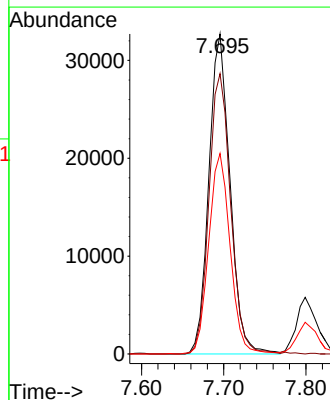
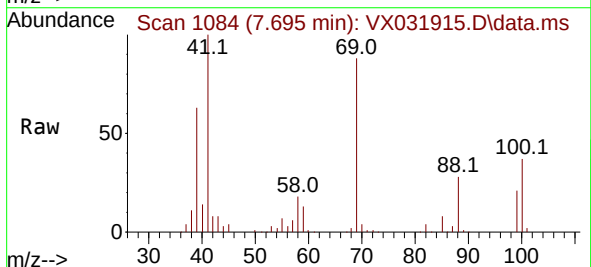
Manual Integrations
APPROVED

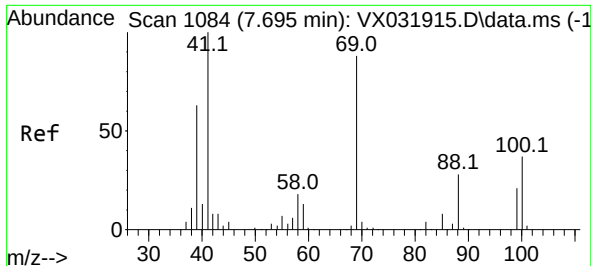
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#48
Methyl methacrylate
Concen: 73.229 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 41 Resp: 58491
Ion Ratio Lower Upper
41 100
69 90.1 64.6 96.8
39 63.4 51.4 77.0





#49

1,4-Dioxane

Concen: 1056.087 ug/l

RT: 7.695 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

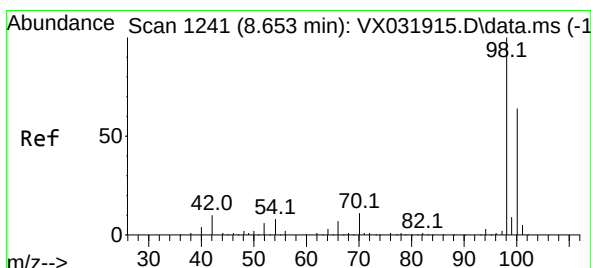
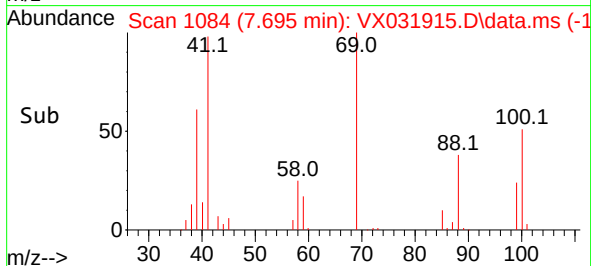
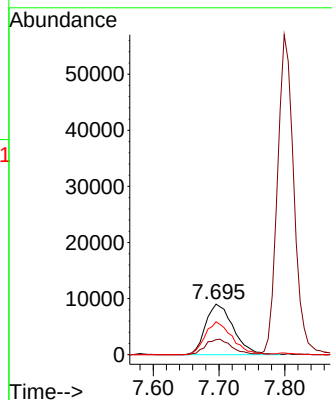
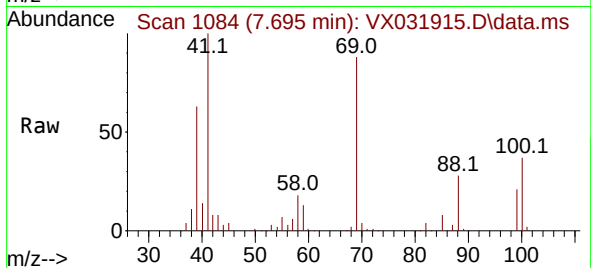
Tgt Ion: 88 Resp: 26454
 Ion Ratio Lower Upper
 88 100
 43 29.1 27.1 40.7
 58 63.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#50

Toluene-d8

Concen: 51.906 ug/l

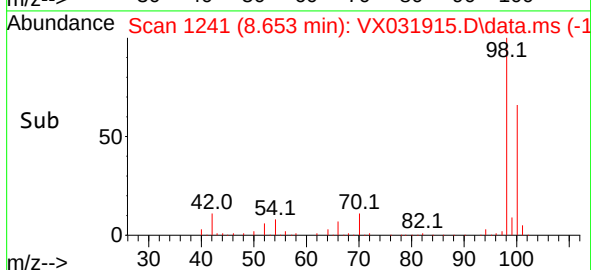
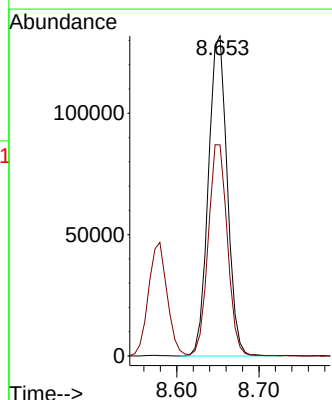
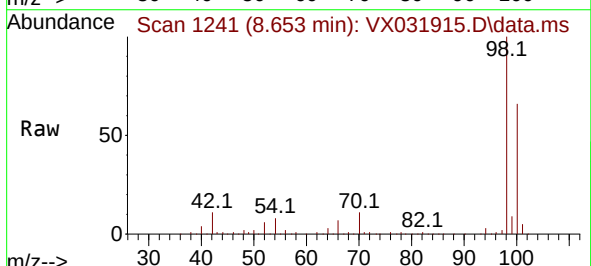
RT: 8.653 min Scan# 1241

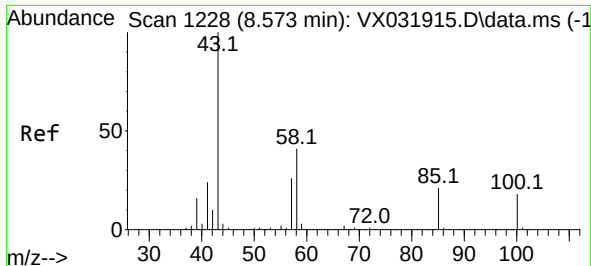
Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion: 98 Resp: 210143
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.5 78.7





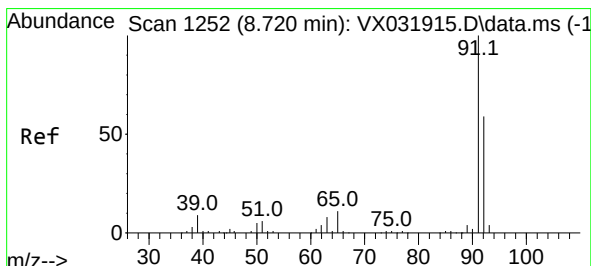
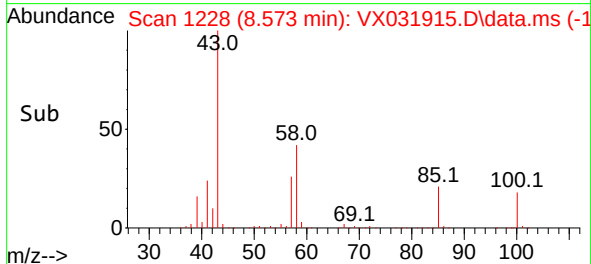
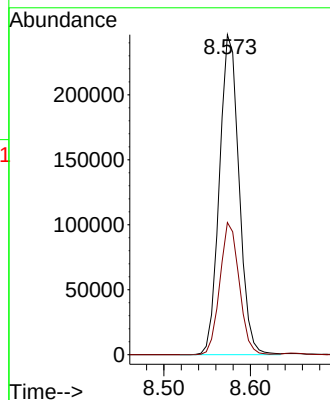
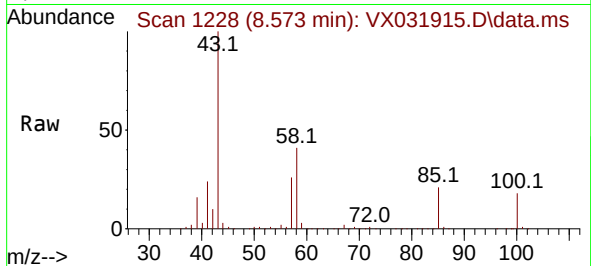
#51
4-Methyl-2-Pentanone
Concen: 344.491 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 387860
Ion Ratio Lower Upper
43 100
58 40.6 30.6 46.0

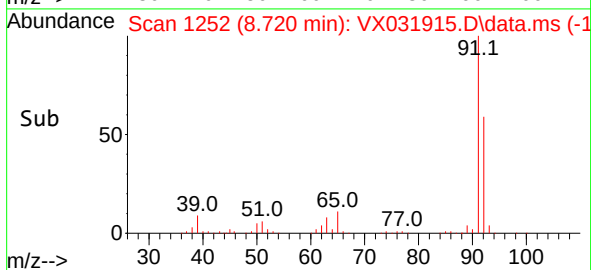
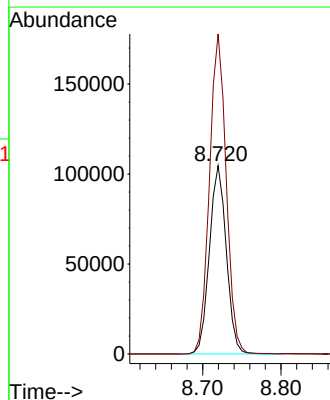
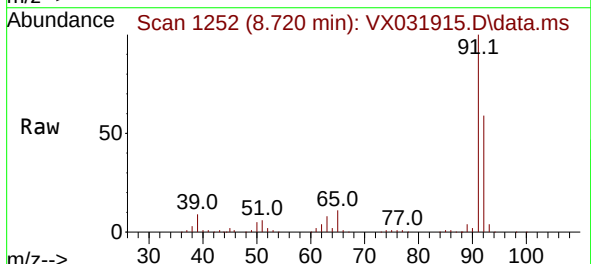
Manual Integrations
APPROVED

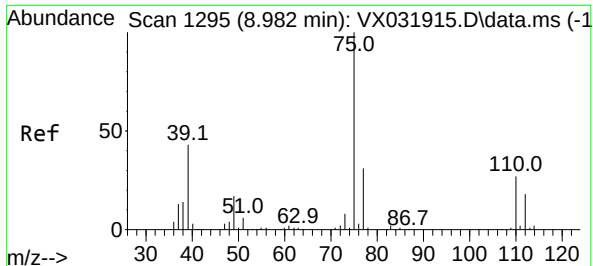
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#52
Toluene
Concen: 54.885 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 92 Resp: 156453
Ion Ratio Lower Upper
92 100
91 168.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 67.216 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 8388

Ion Ratio Lower Upper

75 100

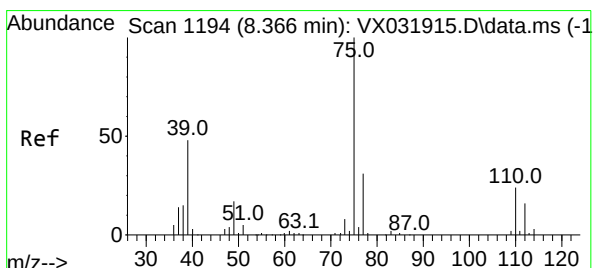
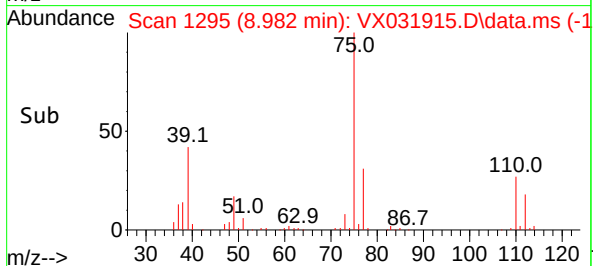
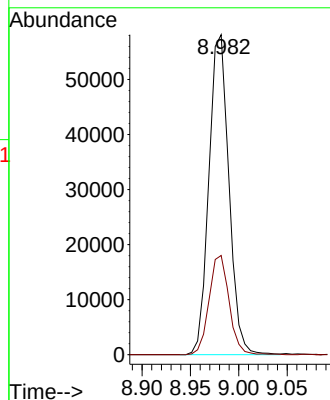
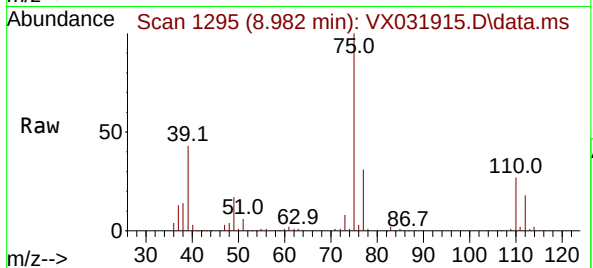
77 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#54

cis-1,3-Dichloropropene

Concen: 65.640 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

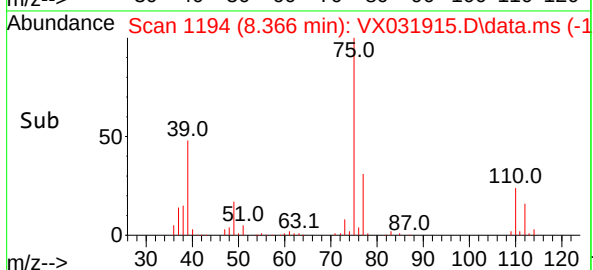
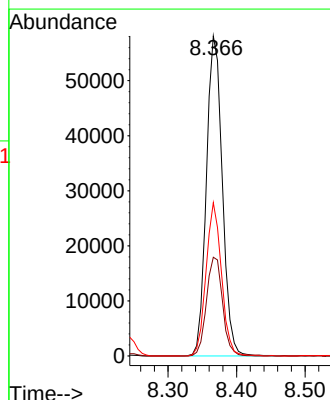
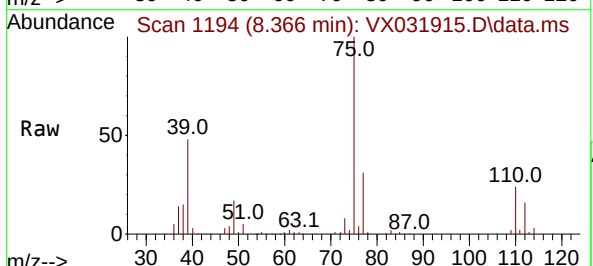
Tgt Ion: 75 Resp: 94049

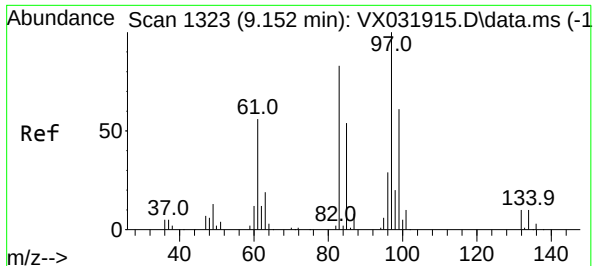
Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

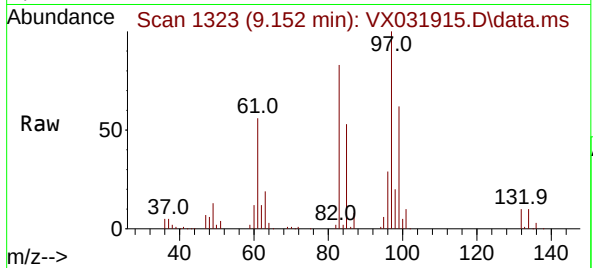
39 47.9 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 54.649 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

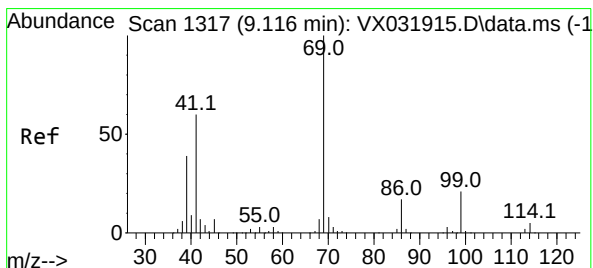
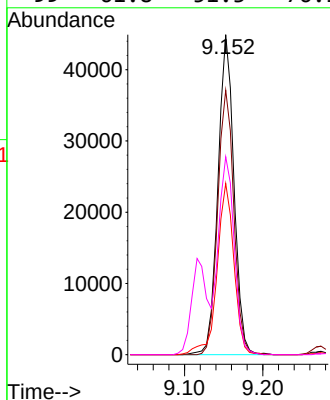
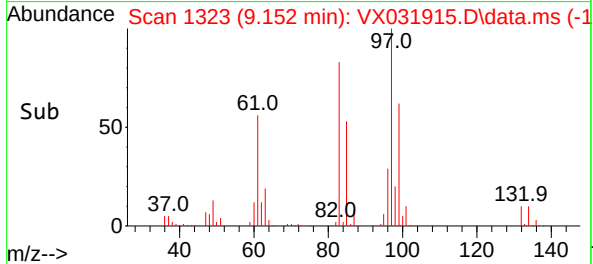
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



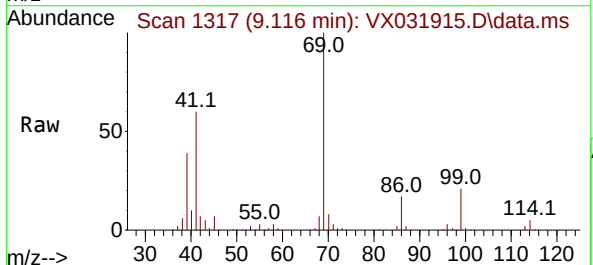
Tgt Ion: 97 Resp: 63970
Ion Ratio Lower Upper
97 100
83 82.6 69.0 103.6
85 53.5 44.1 66.1
99 61.8 51.3 76.9

Manual Integrations
APPROVED

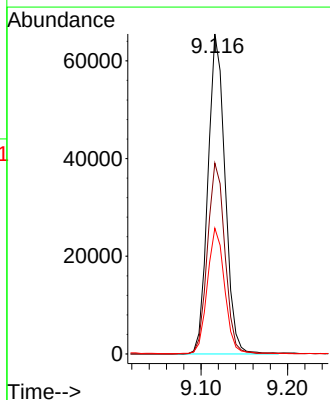
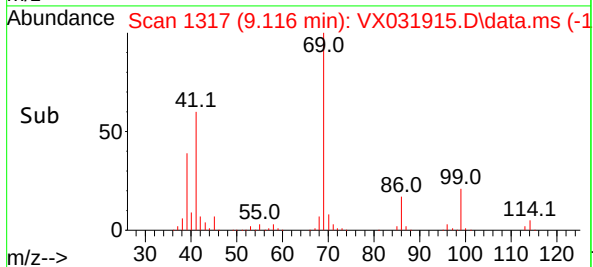
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

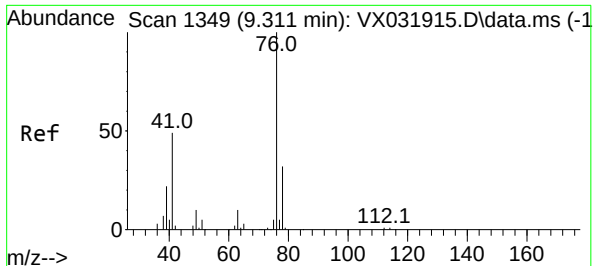


#56
Ethyl methacrylate
Concen: 64.956 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



Tgt Ion: 69 Resp: 89968
Ion Ratio Lower Upper
69 100
41 60.7 54.2 81.4
39 39.8 34.2 51.2





#57

1,3-Dichloropropane

Concen: 58.389 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 103030

Ion Ratio Lower Upper

76 100

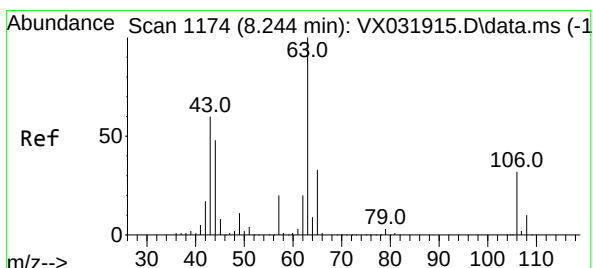
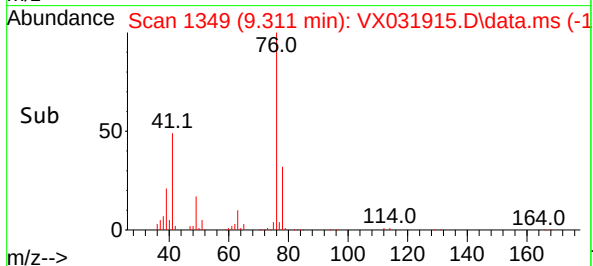
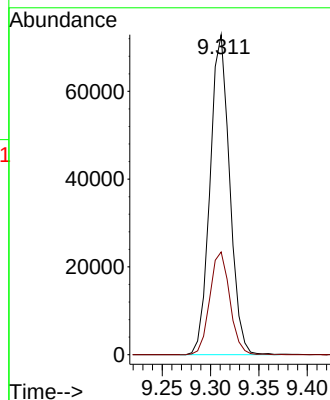
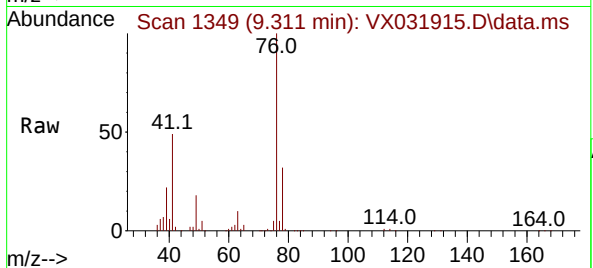
78 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 317.299 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031915.D

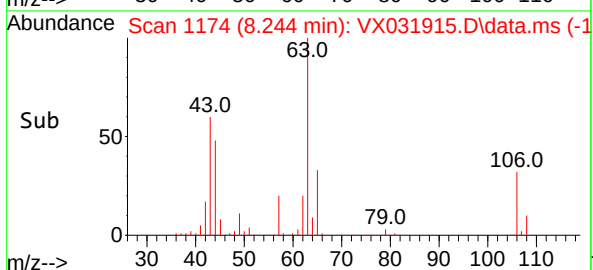
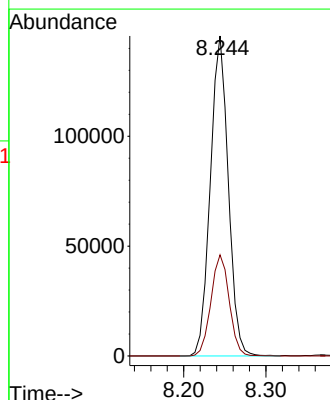
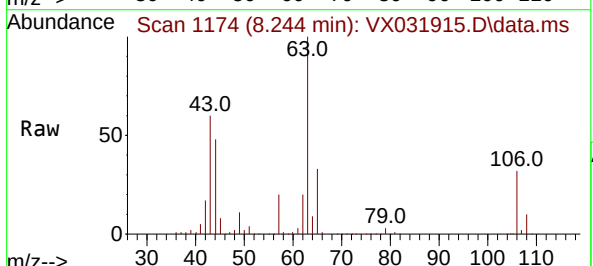
Acq: 06 Oct 2022 12:35

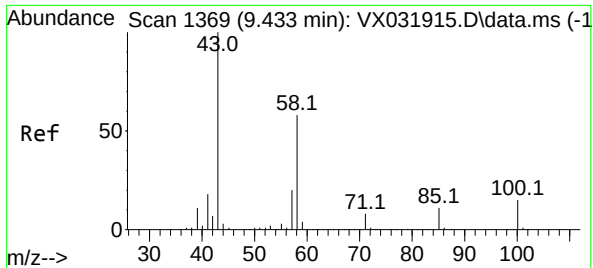
Tgt Ion: 63 Resp: 220855

Ion Ratio Lower Upper

63 100

106 32.1 22.6 34.0





#59

2-Hexanone

Concen: 350.141 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 286484

Ion Ratio Lower Upper

43 100

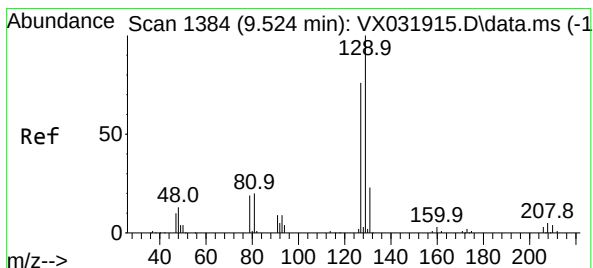
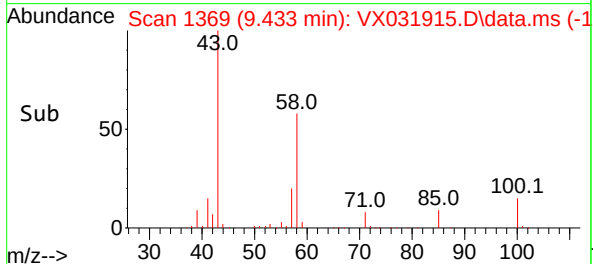
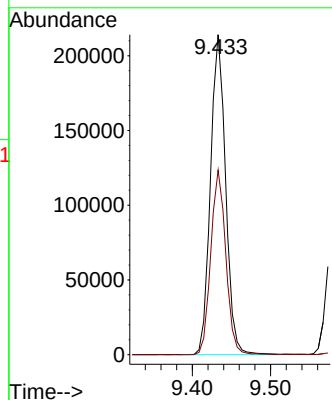
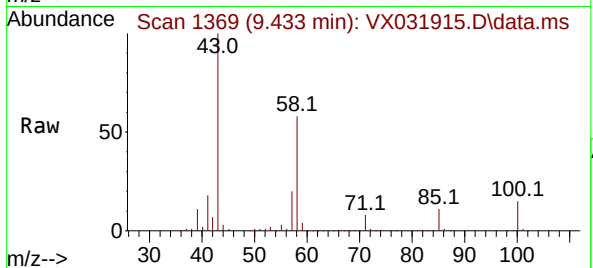
58 57.3 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#60

Dibromochloromethane

Concen: 57.914 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031915.D

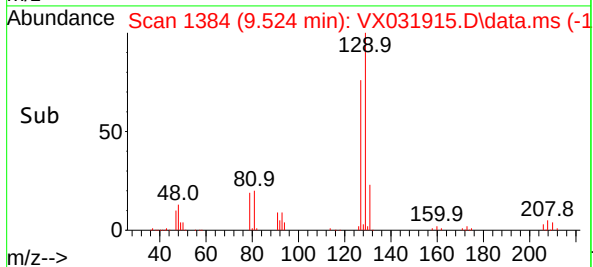
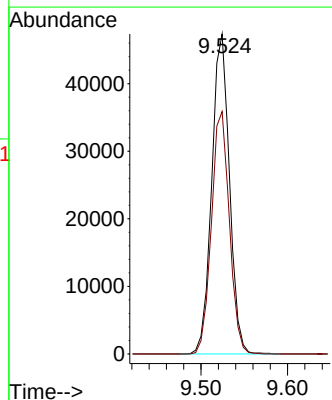
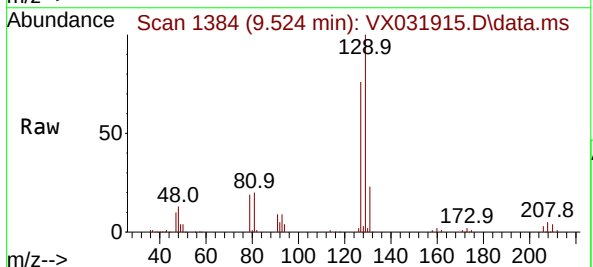
Acq: 06 Oct 2022 12:35

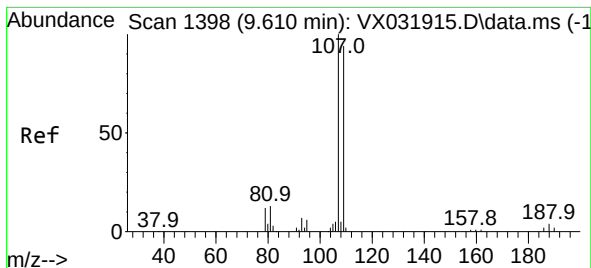
Tgt Ion:129 Resp: 67192

Ion Ratio Lower Upper

129 100

127 76.8 38.7 116.1





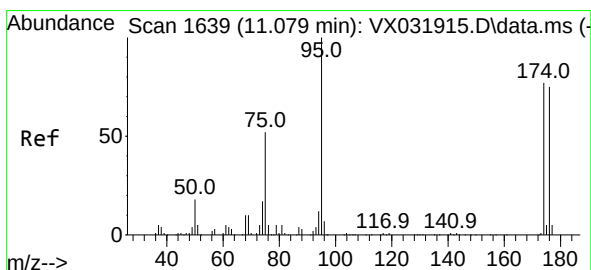
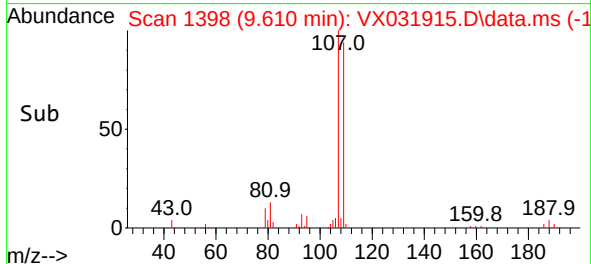
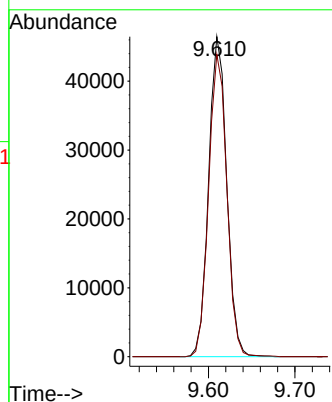
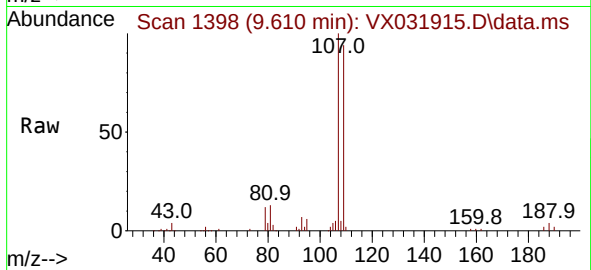
#61
1,2-Dibromoethane
Concen: 54.666 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 67398
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4

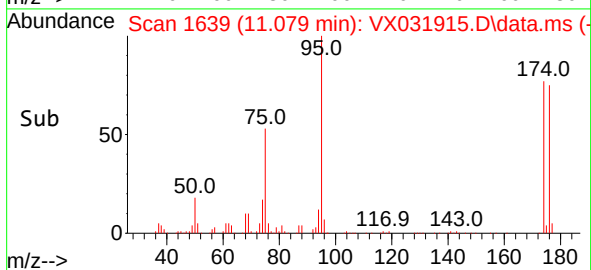
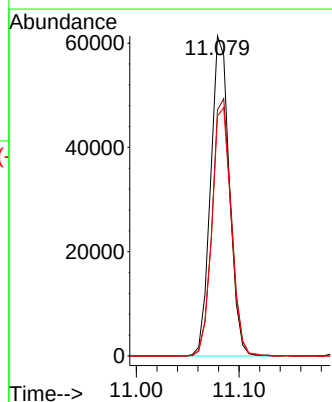
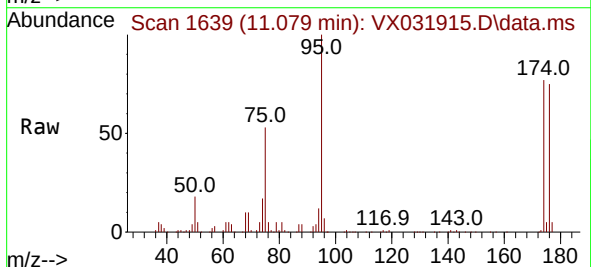
Manual Integrations
APPROVED

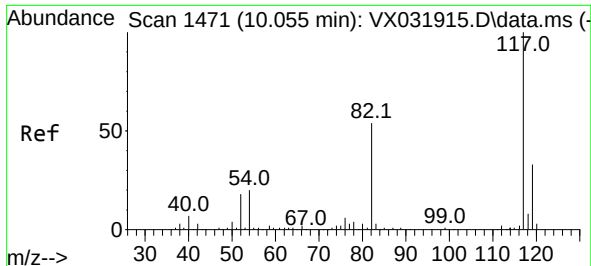
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#62
4-Bromofluorobenzene
Concen: 52.989 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

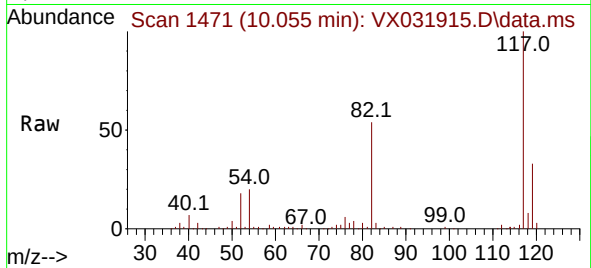
Tgt Ion: 95 Resp: 77400
Ion Ratio Lower Upper
95 100
174 82.2 0.0 153.2
176 79.7 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

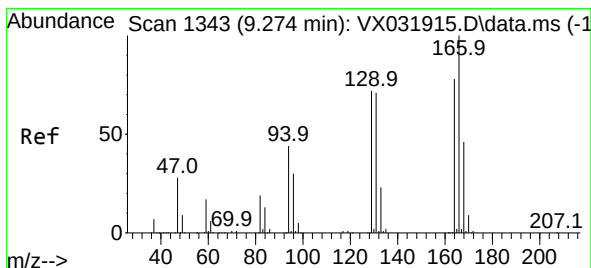
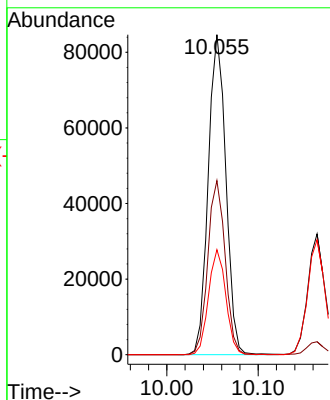
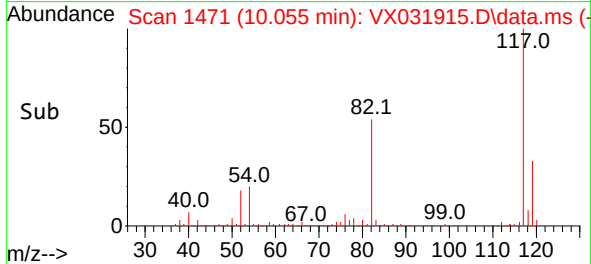
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 113112
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 32.8 26.4 39.6

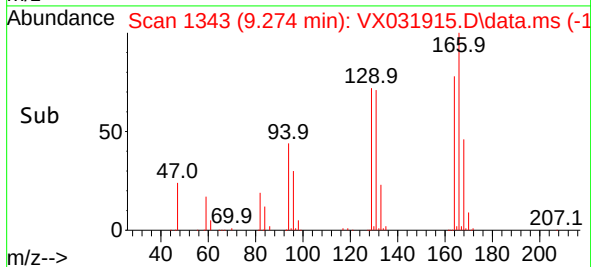
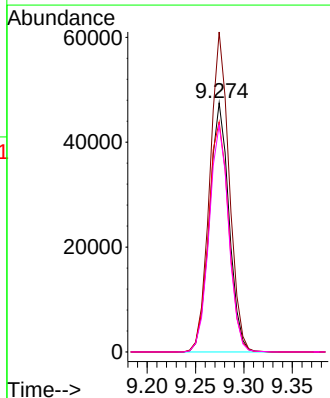
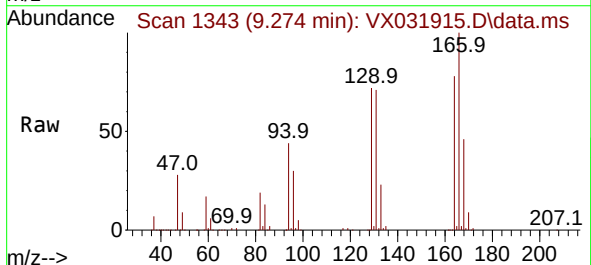
Manual Integrations
APPROVED

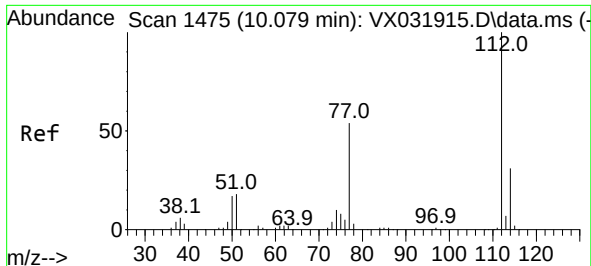
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#64
Tetrachloroethene
Concen: 48.762 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion:164 Resp: 66928
Ion Ratio Lower Upper
164 100
166 128.5 99.0 148.4
129 92.4 78.0 117.0
131 91.1 74.2 111.2





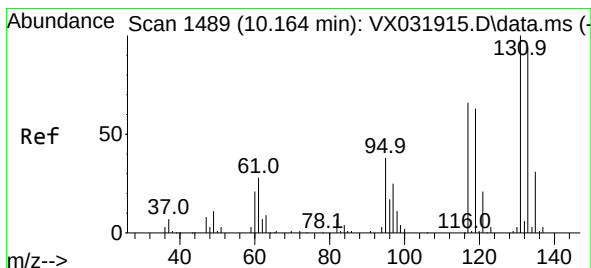
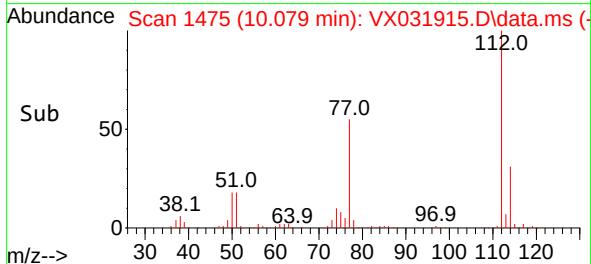
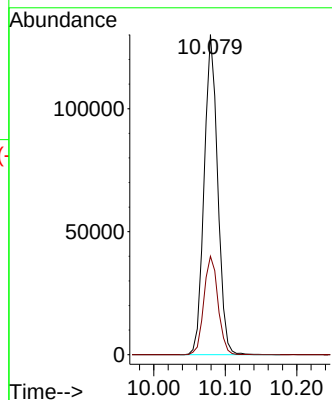
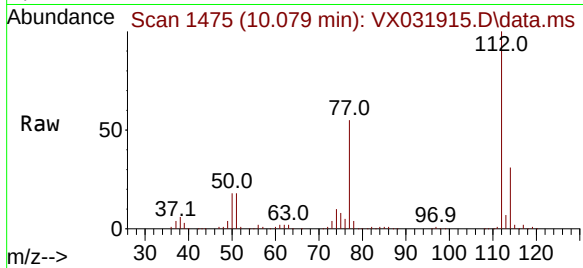
#65
Chlorobenzene
Concen: 52.815 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 17107
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

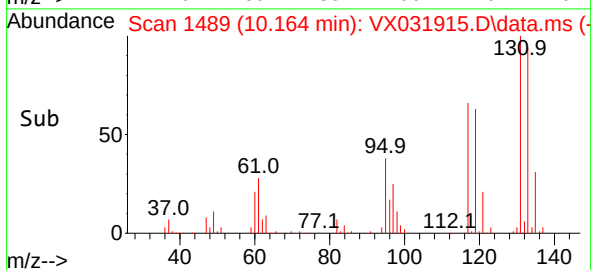
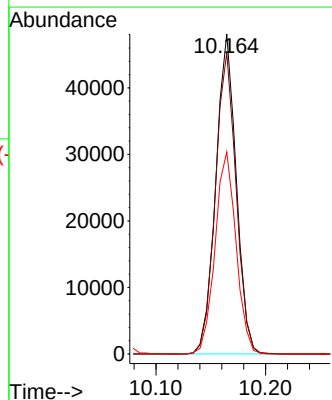
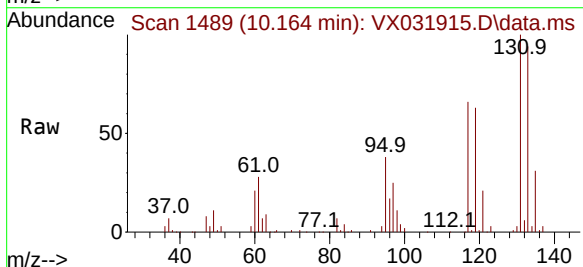
Manual Integrations
APPROVED

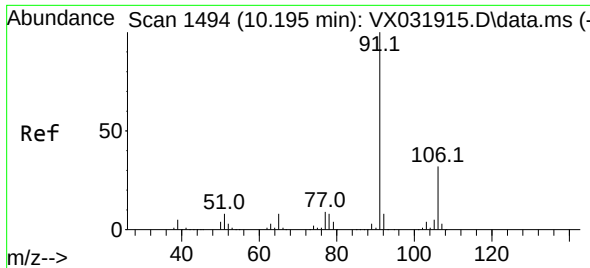
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.012 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

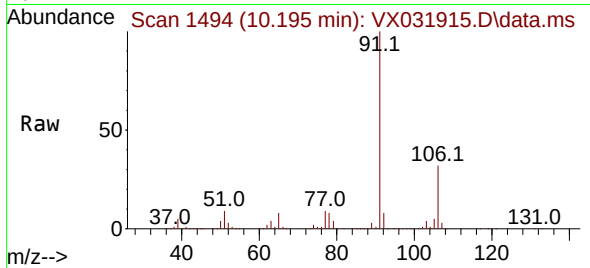
Tgt Ion:131 Resp: 62222
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.7
119 64.8 31.9 95.9





#67
Ethyl Benzene
Concen: 56.495 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

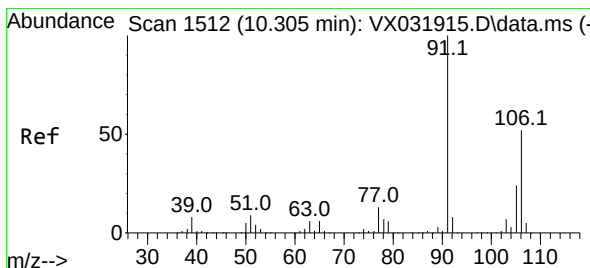
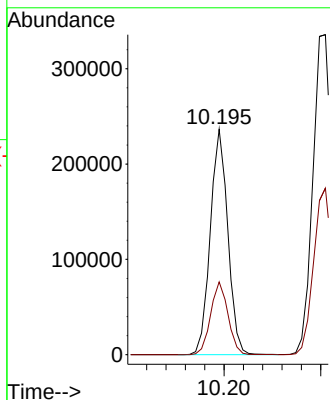
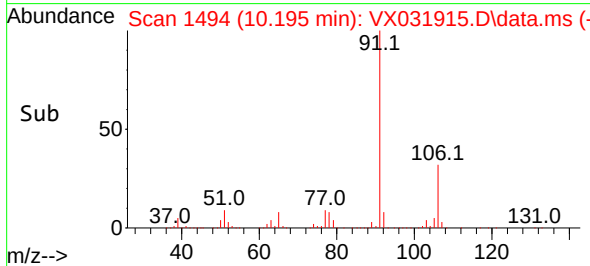
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



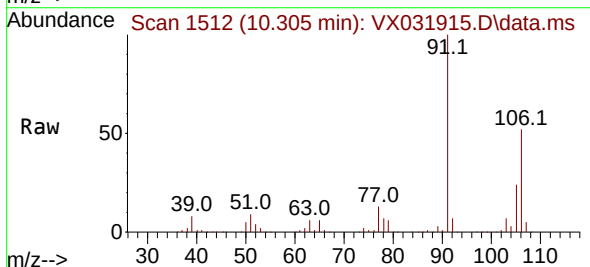
Tgt Ion: 91 Resp: 297553
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8

Manual Integrations
APPROVED

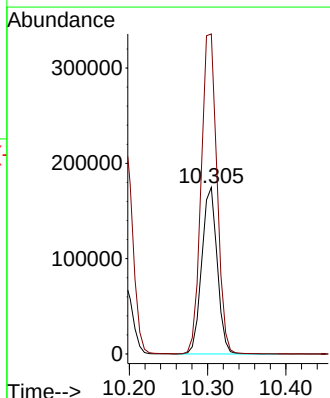
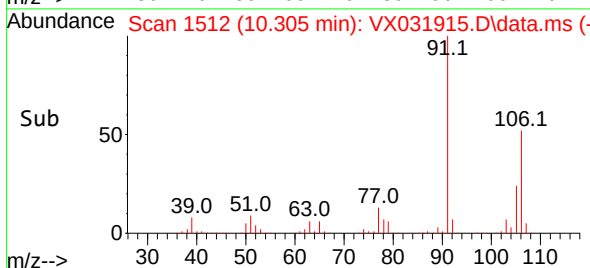
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

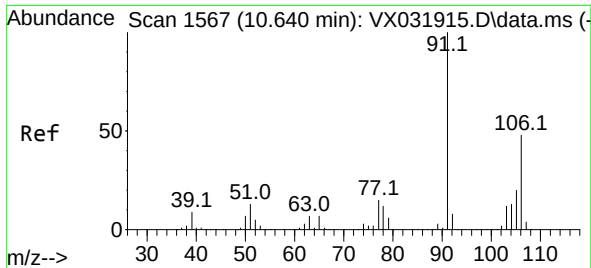


#68
m/p-Xylenes
Concen: 108.587 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



Tgt Ion:106 Resp: 238653
Ion Ratio Lower Upper
106 100
91 197.3 161.0 241.4





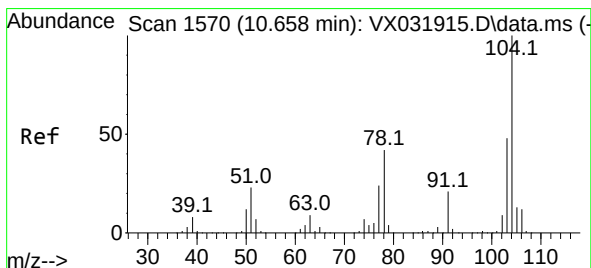
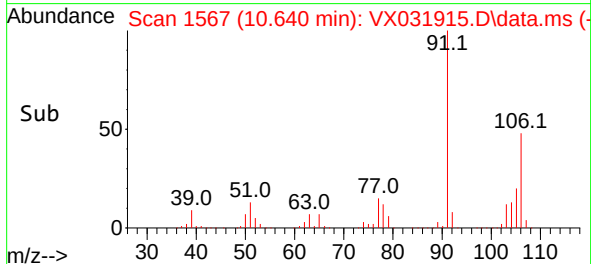
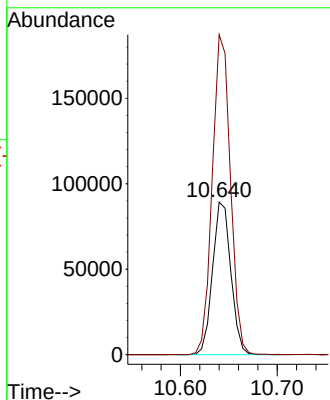
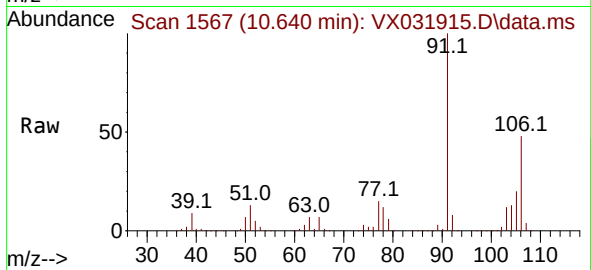
#69
o-Xylene
Concen: 54.326 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 117240
Ion Ratio Lower Upper
106 100
91 208.3 107.2 321.6

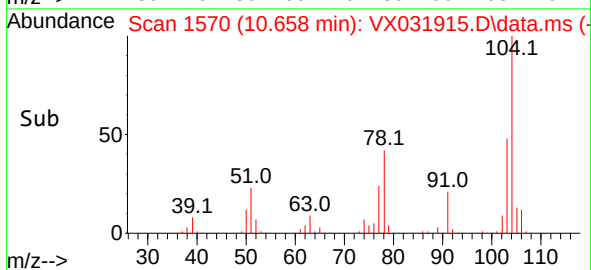
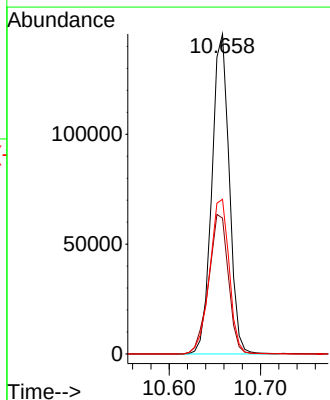
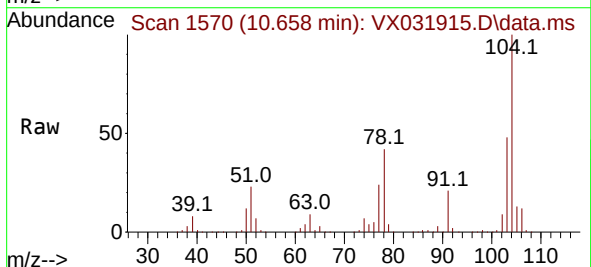
Manual Integrations
APPROVED

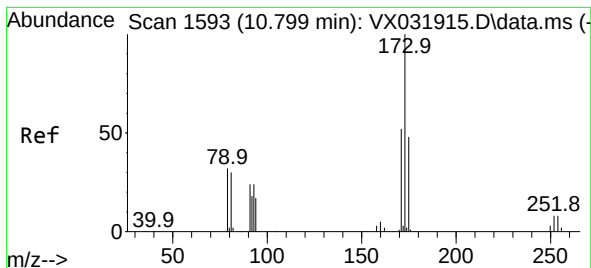
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#70
Styrene
Concen: 56.674 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion:104 Resp: 192816
Ion Ratio Lower Upper
104 100
78 49.3 41.4 62.2
103 54.3 43.8 65.8





#71

Bromoform

Concen: 56.696 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

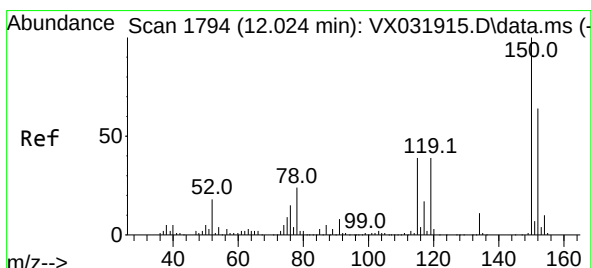
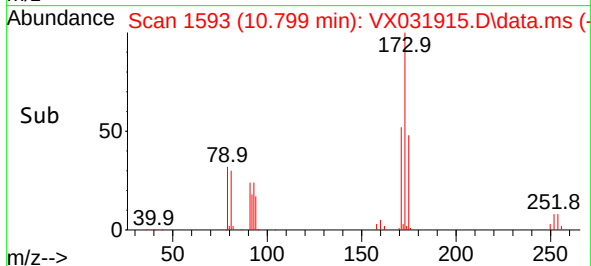
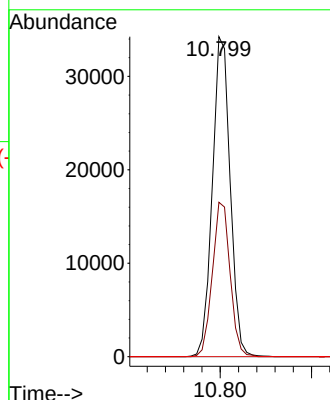
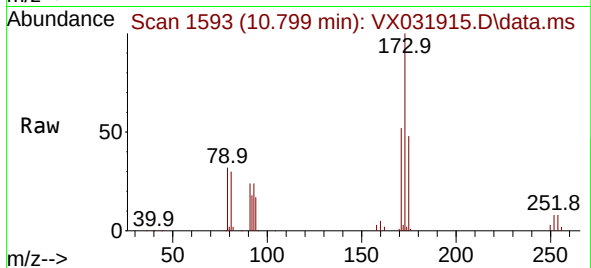
Tgt Ion:173 Resp: 46295
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

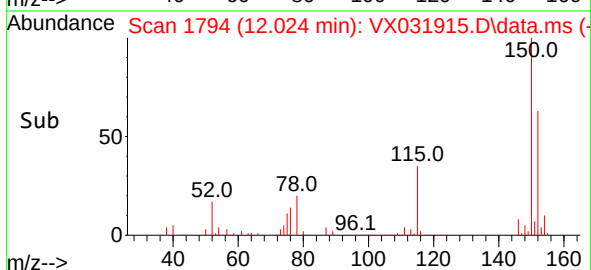
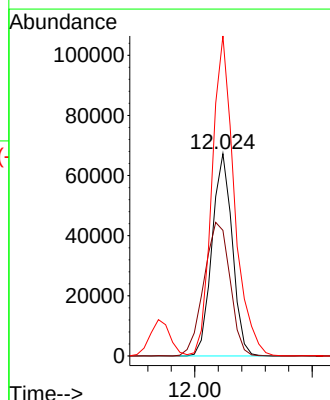
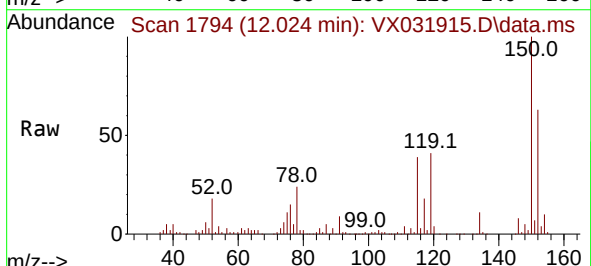
RT: 12.024 min Scan# 1794

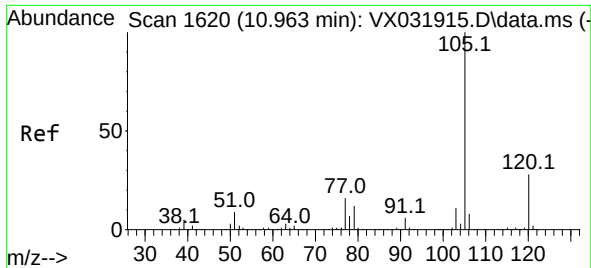
Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

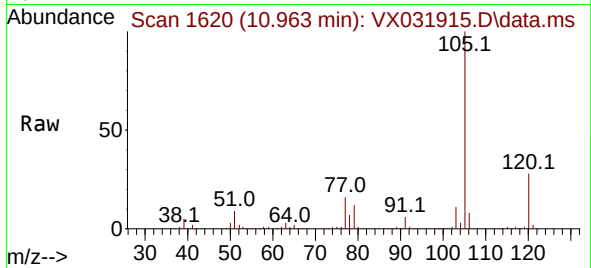
Tgt Ion:152 Resp: 80491
 Ion Ratio Lower Upper
 152 100
 115 85.2 43.4 130.1
 150 174.0 0.0 346.8





#73
Isopropylbenzene
Concen: 55.814 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

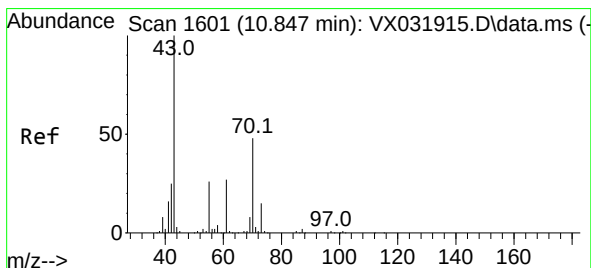
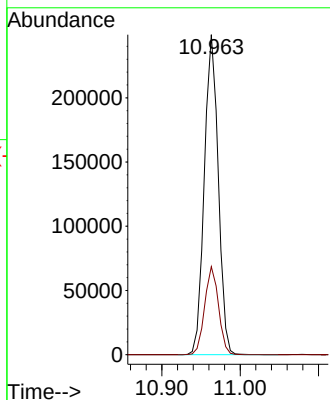
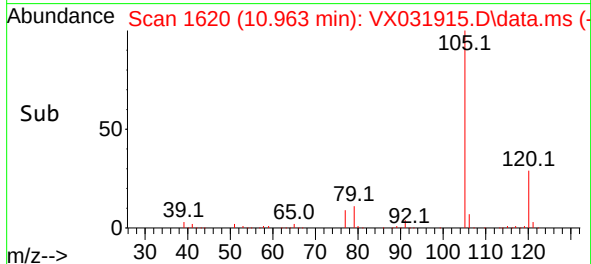
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



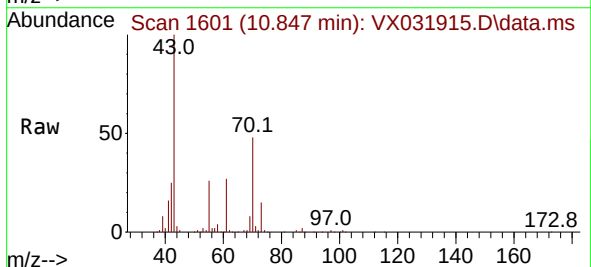
Tgt Ion:105 Resp: 306940
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0

Manual Integrations
APPROVED

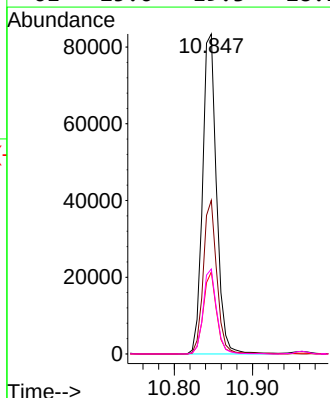
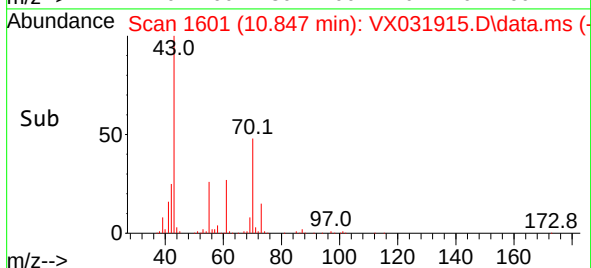
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

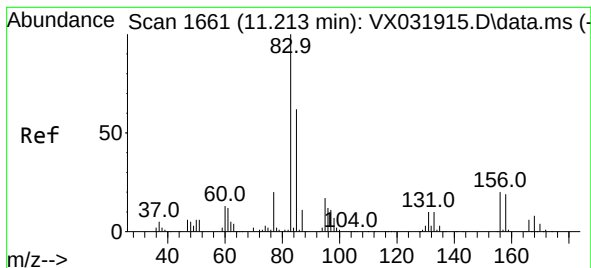


#74
N-ethyl acetate
Concen: 78.876 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



Tgt Ion: 43 Resp: 103328
Ion Ratio Lower Upper
43 100
70 46.5 33.4 50.2
55 24.5 18.2 27.2
61 25.6 19.3 28.9





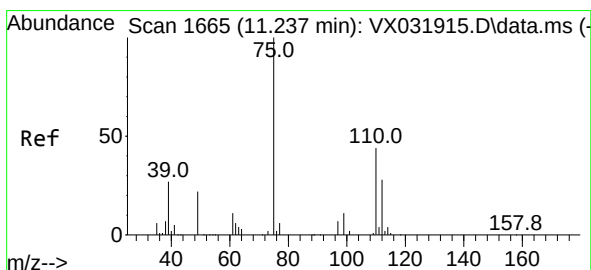
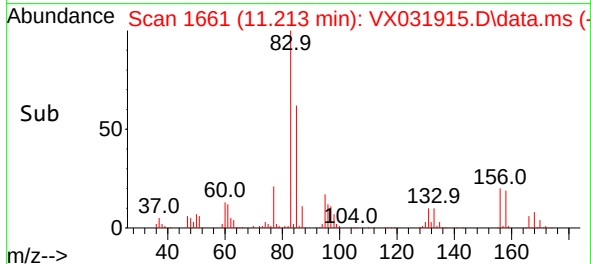
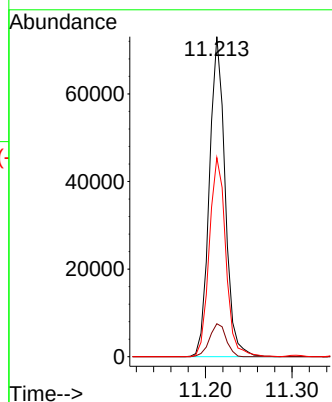
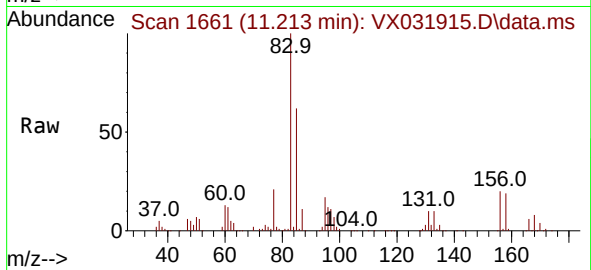
#75
1,1,2,2-Tetrachloroethane
Concen: 59.136 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 92088
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 65.2 32.6 97.8

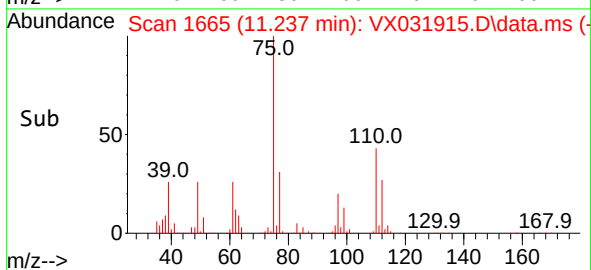
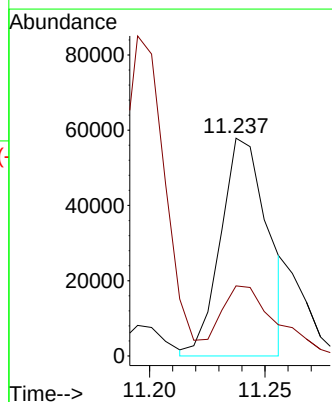
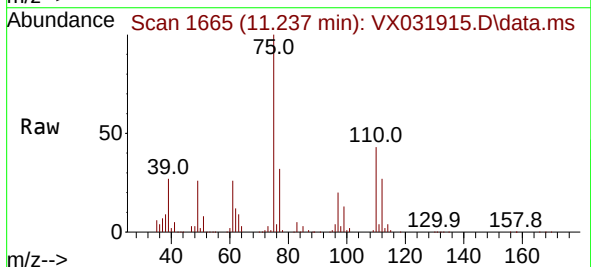
Manual Integrations
APPROVED

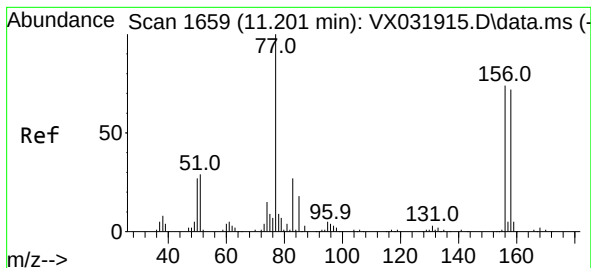
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#76
1,2,3-Trichloropropane
Concen: 62.750 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 75 Resp: 82108
Ion Ratio Lower Upper
75 100
77 39.2 20.3 60.9





#77

Bromobenzene

Concen: 51.602 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 75415

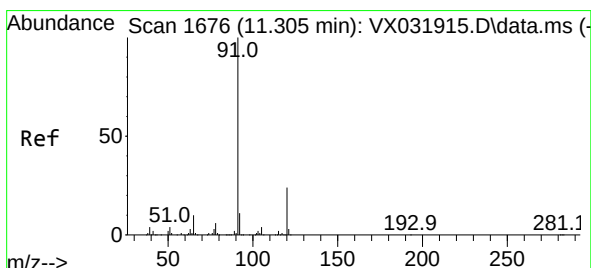
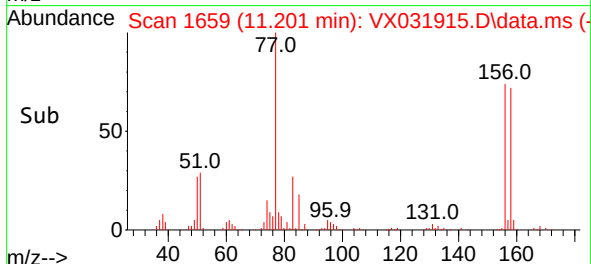
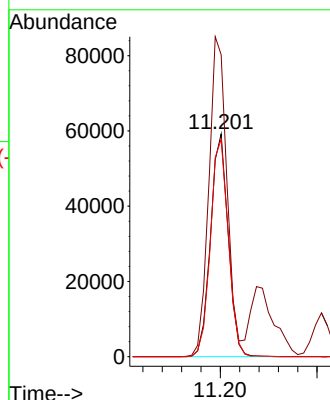
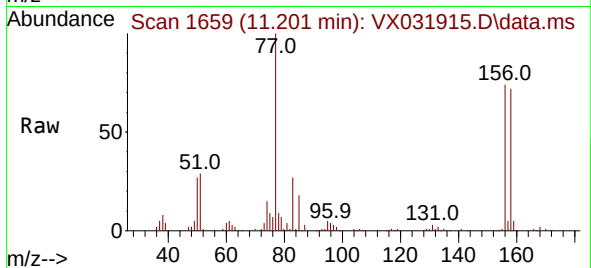
Ion	Ratio	Lower	Upper
156	100		
77	145.7	79.5	238.6
158	98.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#78

n-propylbenzene

Concen: 59.459 ug/l

RT: 11.305 min Scan# 1676

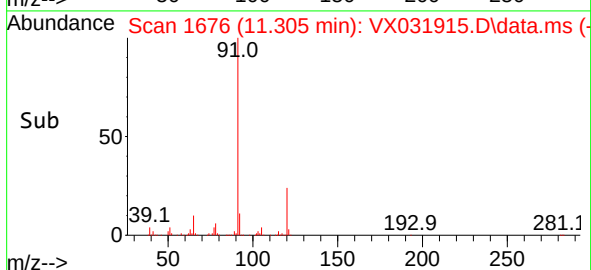
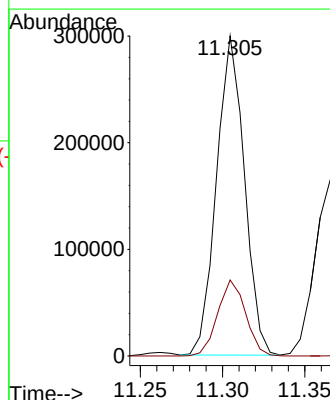
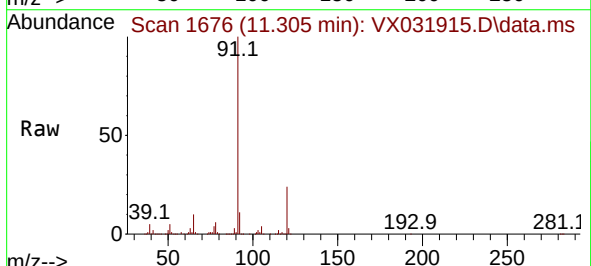
Delta R.T. 0.000 min

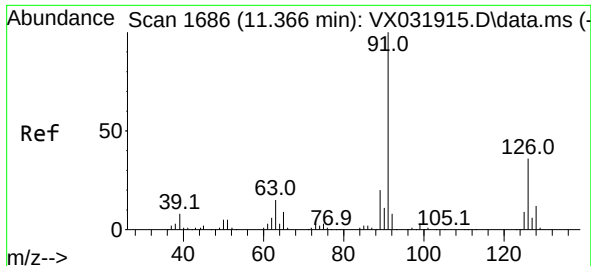
Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion: 91 Resp: 352927

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.4





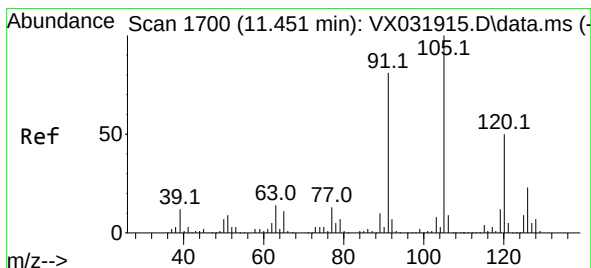
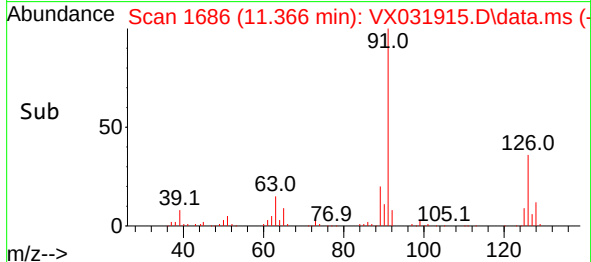
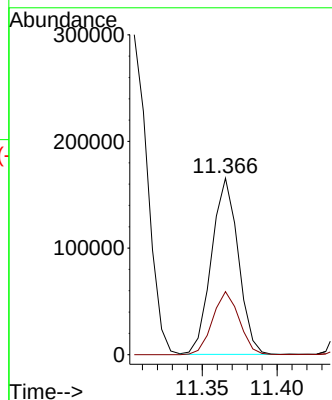
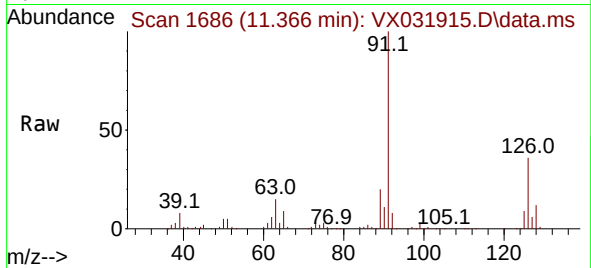
#79
2-Chlorotoluene
Concen: 56.972 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC050

Tgt Ion: 91 Resp: 205615
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.3

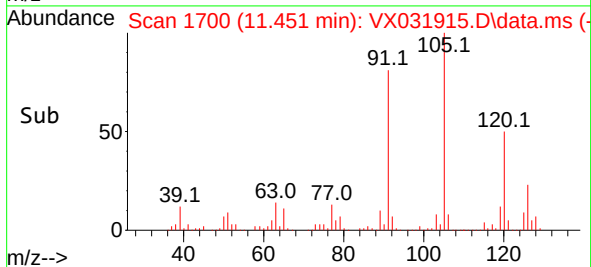
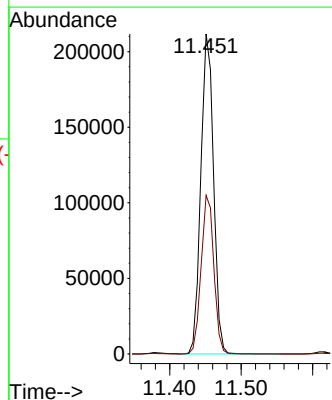
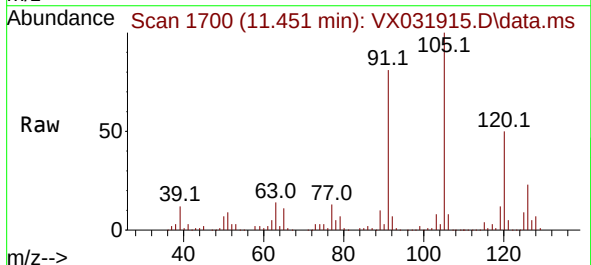
Manual Integrations
APPROVED

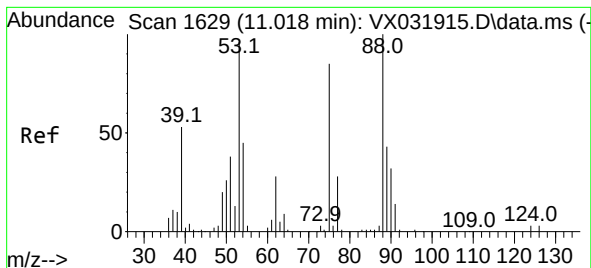
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.194 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion:105 Resp: 261036
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5





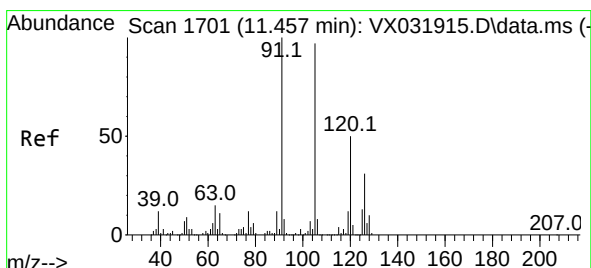
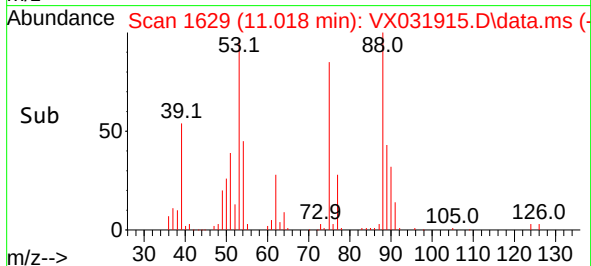
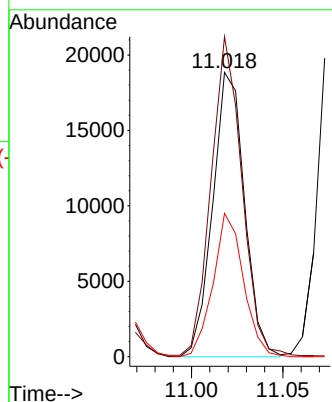
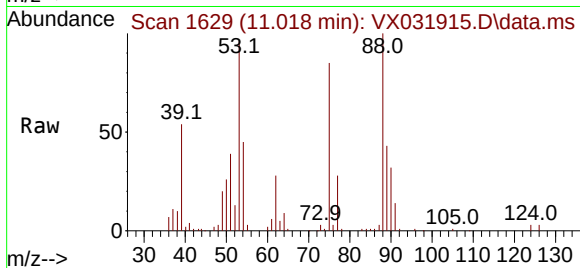
#81
trans-1,4-Dichloro-2-butene
Concen: 69.136 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2284
Ion Ratio Lower Upper
75 100
53 109.4 77.6 116.4
89 48.1 37.4 56.0

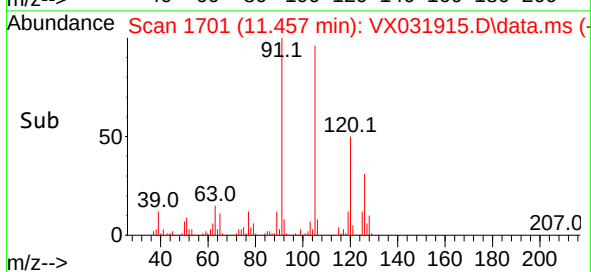
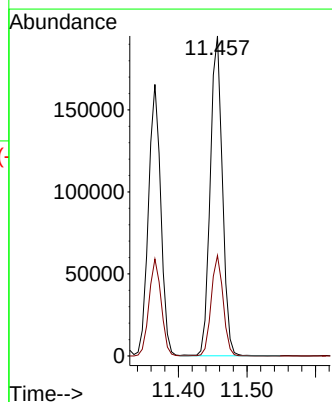
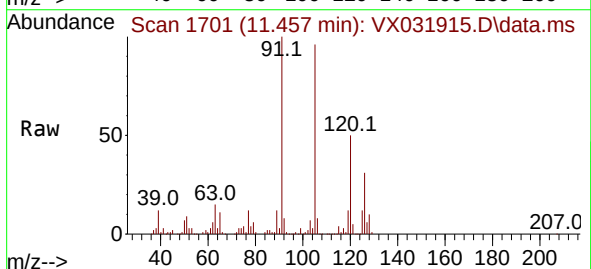
Manual Integrations
APPROVED

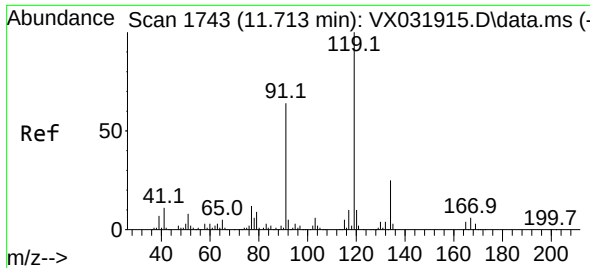
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#82
4-Chlorotoluene
Concen: 58.191 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Tgt Ion: 91 Resp: 240656
Ion Ratio Lower Upper
91 100
126 30.9 15.1 45.3





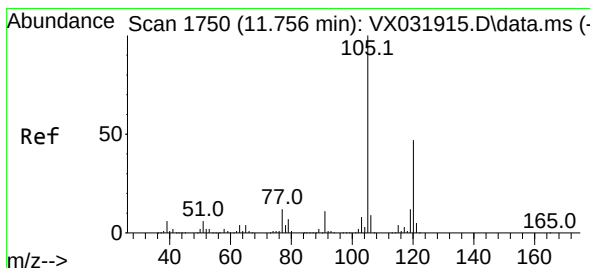
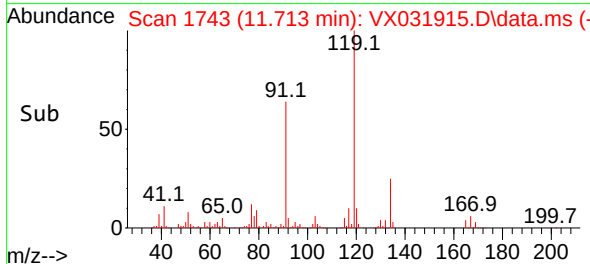
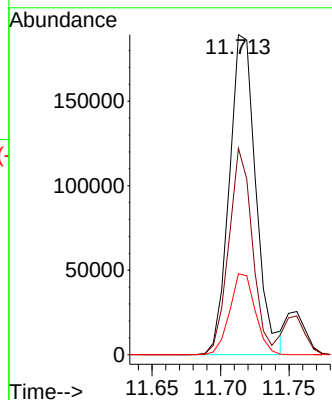
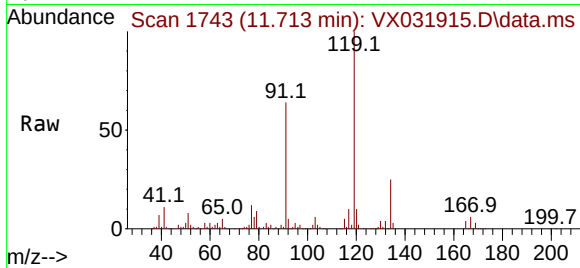
#83
tert-Butylbenzene
Concen: 56.208 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 256519
Ion Ratio Lower Upper
119 100
91 57.2 29.2 87.6
134 24.2 11.6 34.8

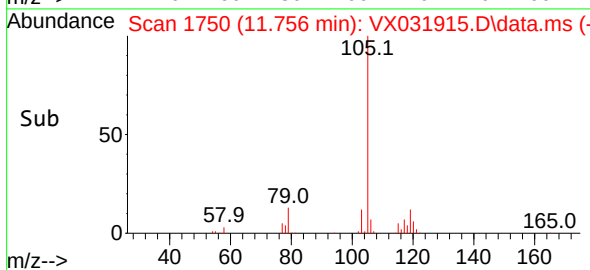
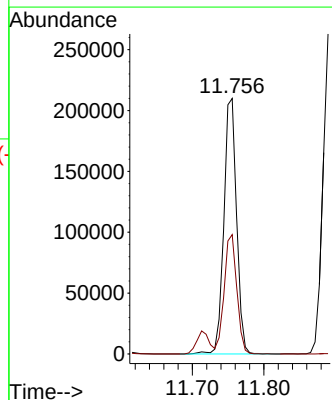
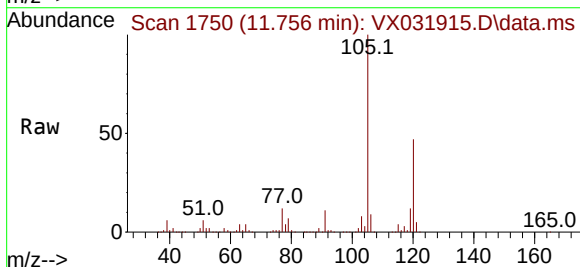
Manual Integrations
APPROVED

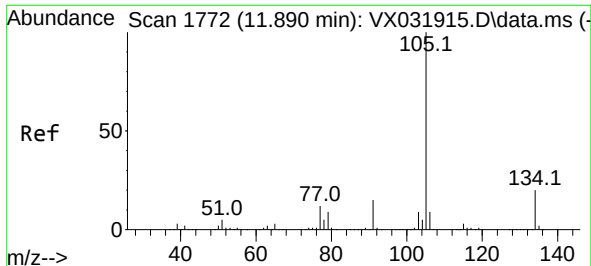
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 57.031 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

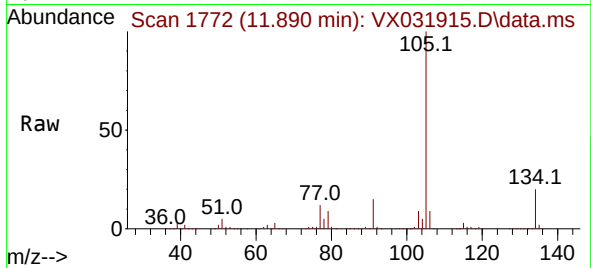
Tgt Ion:105 Resp: 259972
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 57.425 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031915.D
 Acq: 06 Oct 2022 12:35

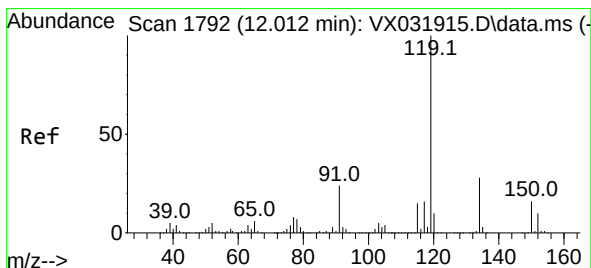
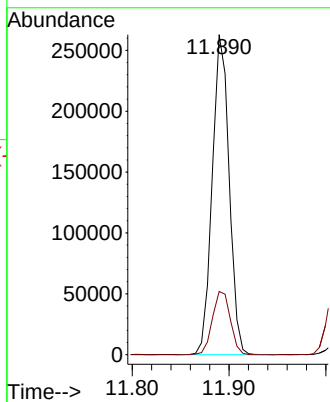
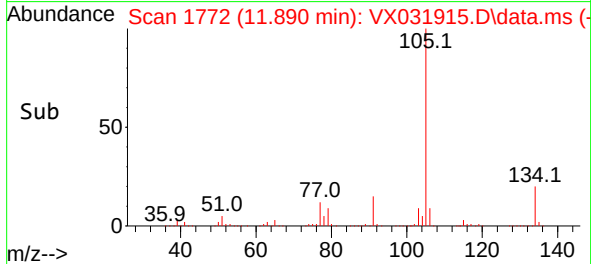
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



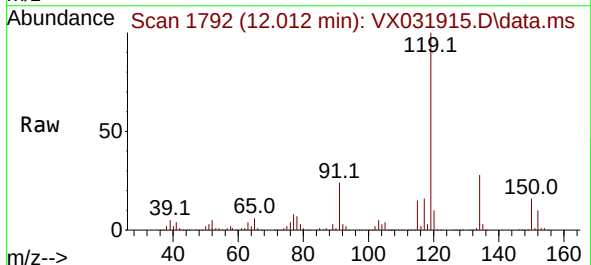
Tgt Ion:105 Resp: 31872
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations
 APPROVED

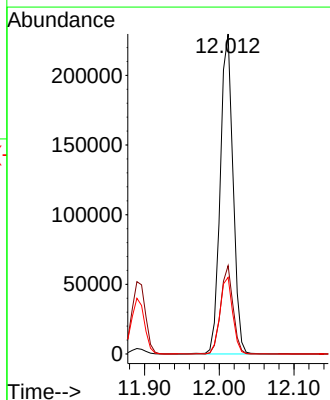
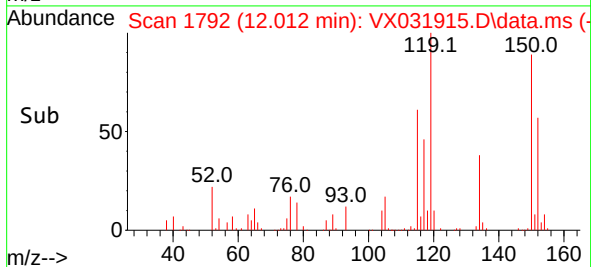
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

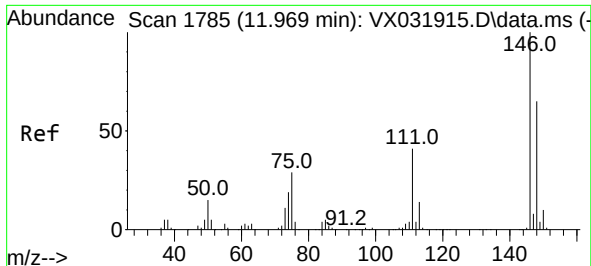


#86
 p-Isopropyltoluene
 Concen: 56.235 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031915.D
 Acq: 06 Oct 2022 12:35



Tgt Ion:119 Resp: 272952
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.914 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 143644

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

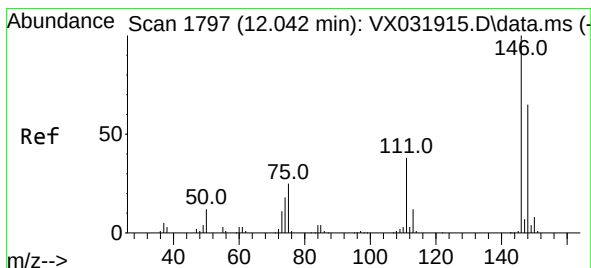
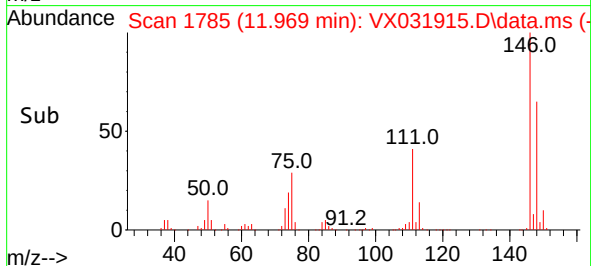
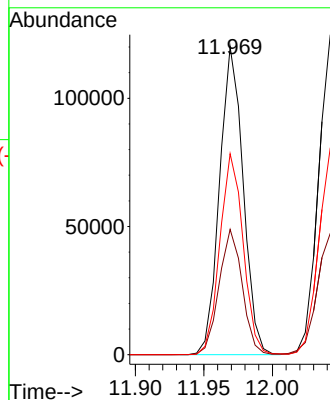
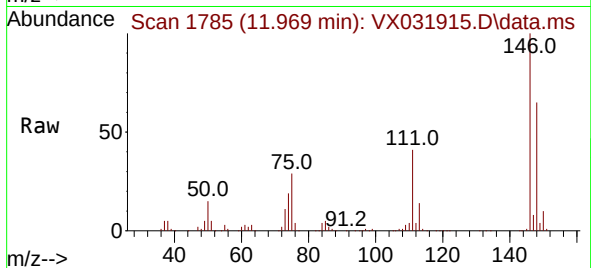
148 64.5 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#88

1,4-Dichlorobenzene

Concen: 50.908 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

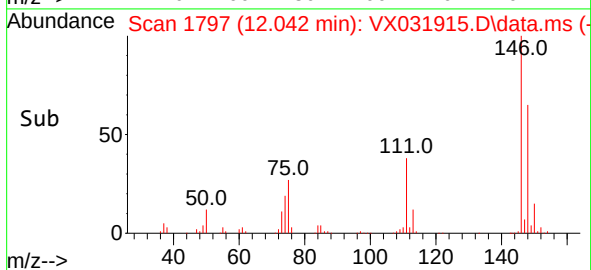
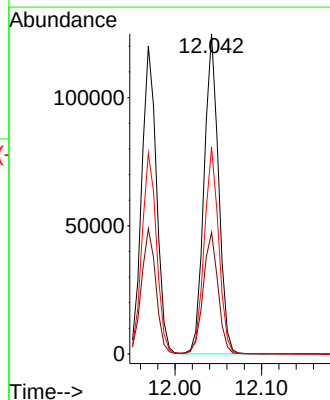
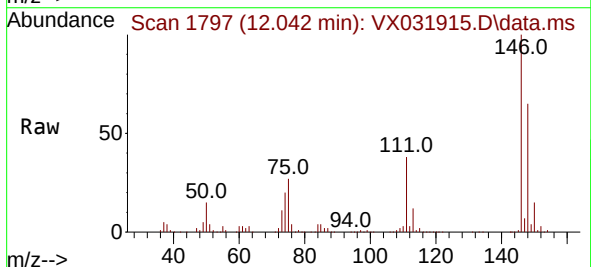
Tgt Ion:146 Resp: 144987

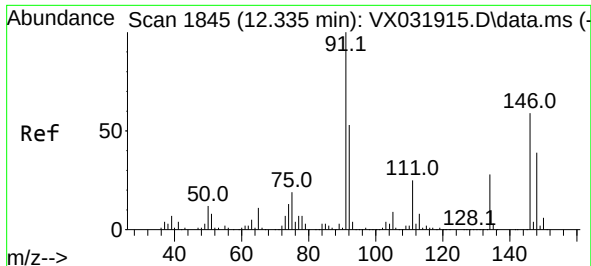
Ion Ratio Lower Upper

146 100

111 39.1 20.5 61.5

148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 62.041 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 229708

Ion Ratio Lower Upper

91 100

92 53.2 27.0 81.0

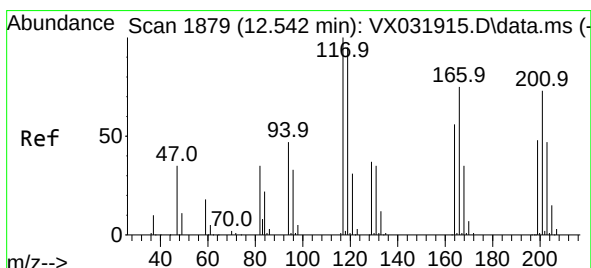
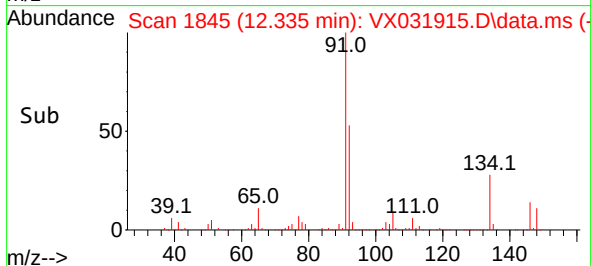
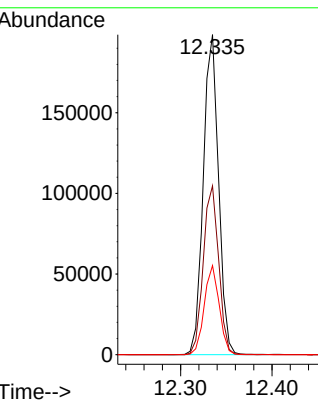
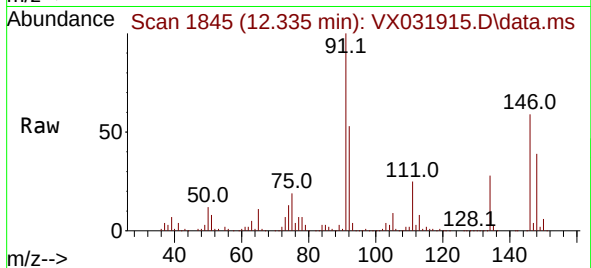
134 27.3 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#90

Hexachloroethane

Concen: 62.726 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031915.D

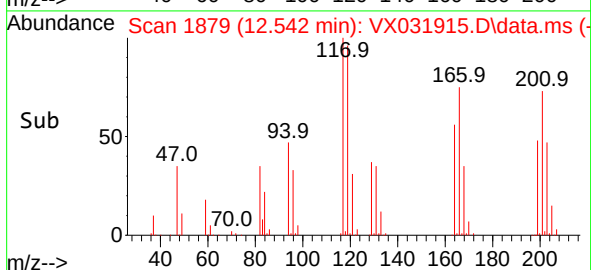
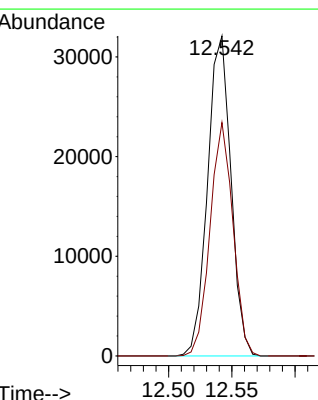
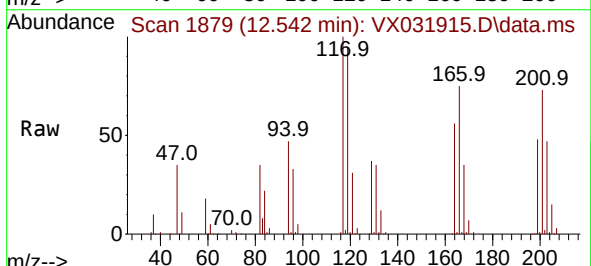
Acq: 06 Oct 2022 12:35

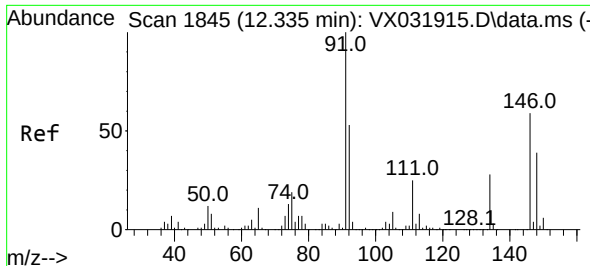
Tgt Ion:117 Resp: 41173

Ion Ratio Lower Upper

117 100

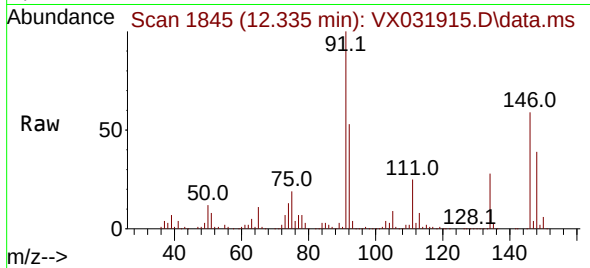
201 71.5 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 51.827 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

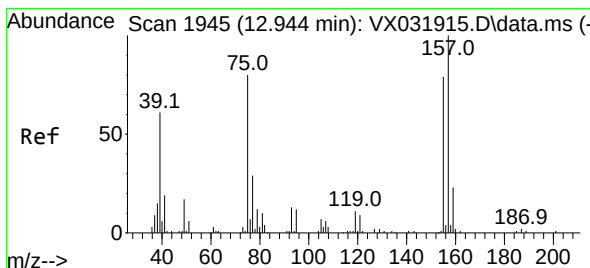
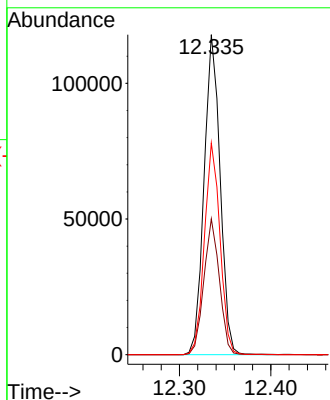
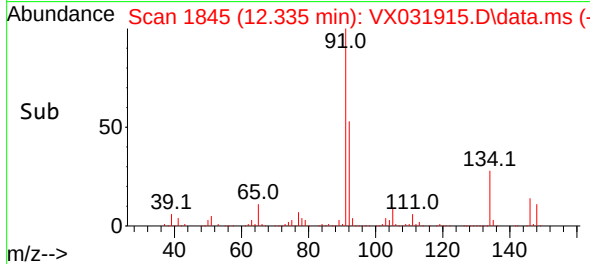
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



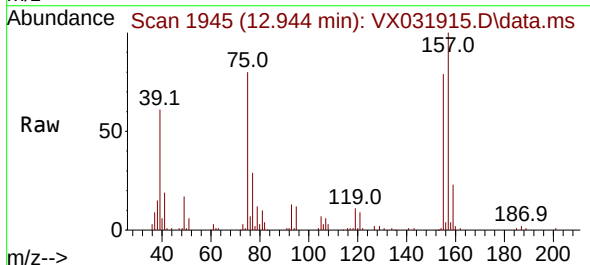
Tgt Ion:146 Resp: 143399
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 64.3 31.6 95.0

Manual Integrations
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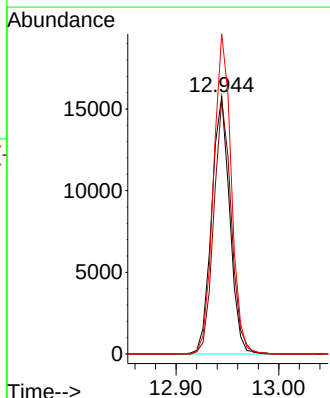
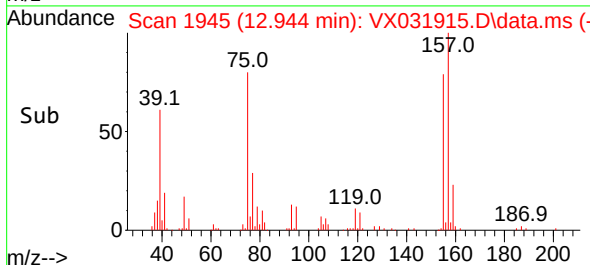
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

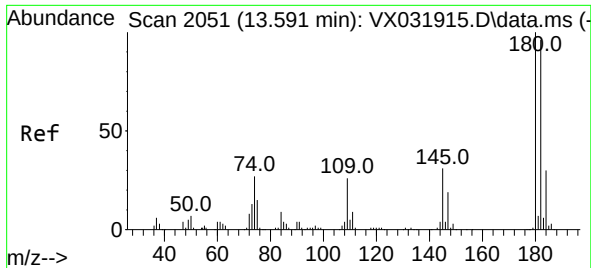


#92
1,2-Dibromo-3-Chloropropane
Concen: 68.908 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



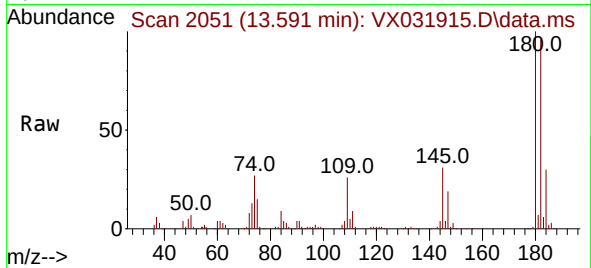
Tgt Ion: 75 Resp: 19275
Ion Ratio Lower Upper
75 100
155 94.9 40.3 120.8
157 122.0 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 53.077 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35

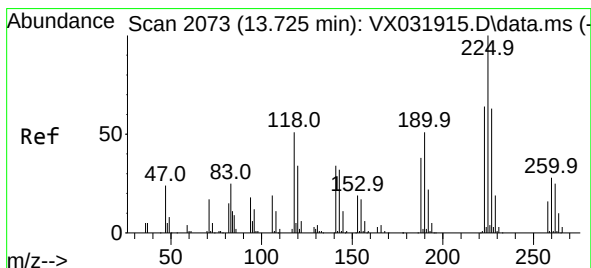
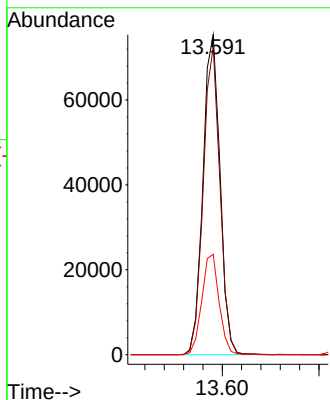
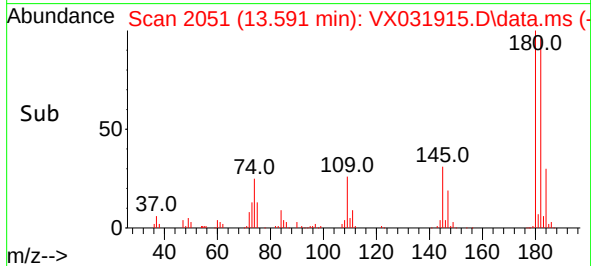
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



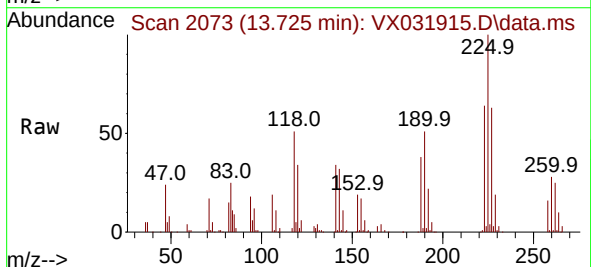
Tgt Ion:180 Resp: 92360
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 31.9 16.7 50.1

Manual Integrations
APPROVED

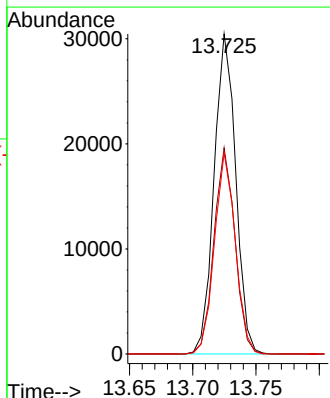
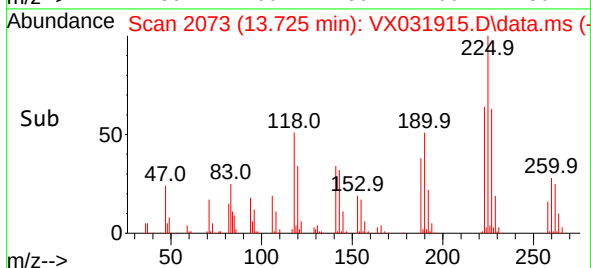
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

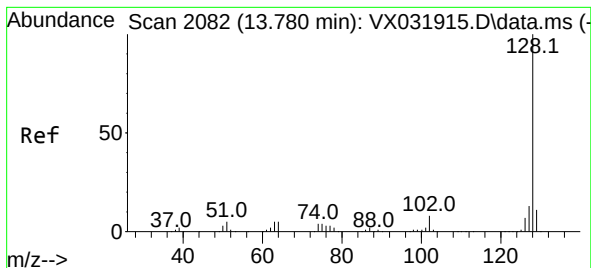


#94
Hexachlorobutadiene
Concen: 51.316 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 06 Oct 2022 12:35



Tgt Ion:225 Resp: 36068
Ion Ratio Lower Upper
225 100
223 62.5 30.8 92.4
227 60.9 32.3 96.9





#95

Naphthalene

Concen: 56.632 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

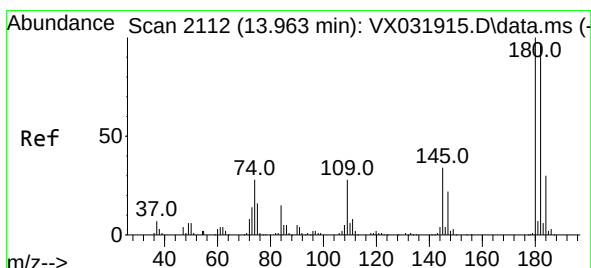
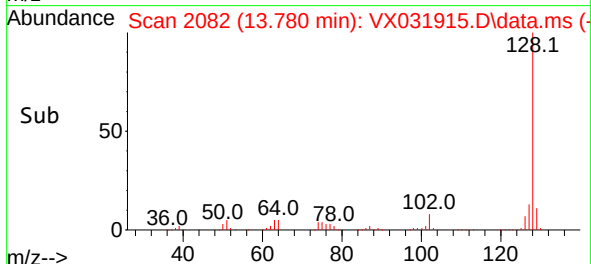
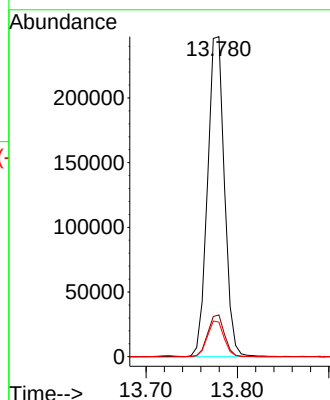
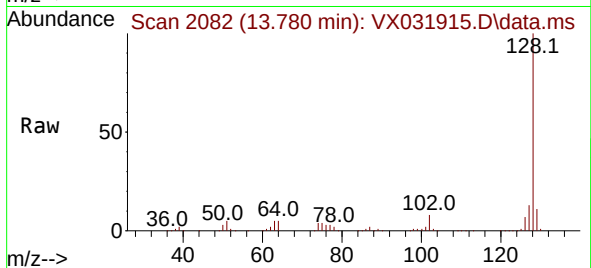
Tgt Ion:	128	Resp:	316894
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#96

1,2,3-Trichlorobenzene

Concen: 52.121 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031915.D

Acq: 06 Oct 2022 12:35

Tgt Ion:	180	Resp:	91313
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.9	143.8
145	34.1	17.6	52.8

